



REPORT NO.

365

**PARLIAMENT OF INDIA  
RAJYA SABHA**

**DEPARTMENT-RELATED PARLIAMENTARY STANDING COMMITTEE  
ON SCIENCE AND TECHNOLOGY, ENVIRONMENT, FORESTS AND  
CLIMATE CHANGE**

**THE WILD LIFE (PROTECTION) AMENDMENT BILL, 2021  
VOLUME – I  
RECOMMENDATIONS OF THE COMMITTEE**

*(Presented to the Hon'ble Chairman, Rajya Sabha on the 21<sup>st</sup> April, 2022)  
(Forwarded to the Hon'ble Speaker, Lok Sabha on the 21<sup>st</sup> April, 2022)*



**Rajya Sabha Secretariat, New Delhi  
April, 2022/ Vaisakha, 1944 (Saka)**

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**COMPOSITION OF THE COMMITTEE**  
**(2021-22)**  
*(Constituted w.e.f. 13<sup>th</sup> September, 2021)*

1. Shri Jairam Ramesh - **Chairman**
- RAJYA SABHA**
2. Shri Anil Baluni
3. Shrimati Vandana Chavan
4. Shrimati Seema Dwivedi
5. Ms. Indu Bala Goswami
6. Shri Joginipally Santosh Kumar
7. Shri Parimal Nathwani
8. Shri Bhaskar Rao Nekkanti
9. Shri Nabam Rebia
10. @Shrimati Rajani Ashokrao Patil
- LOK SABHA**
11. Shri Guharam Ajgalley
12. Shri Pradan Baruah
13. Shri E.T. Mohammed Basheer
14. Shri Jashvantsinh Sumanbhai Bhabhor
15. Shri Sudarshan Bhagat
16. Shri Anantkumar Hegde
17. Shri S. Jagathrakshakan
18. Shri Mohammed Azam Khan
19. Shrimati Jyotsna Charandas Mahant
20. Dr. Swami Sakshiji Maharaj
21. Shri Asaduddin Owaisi
22. Shri Kotha Prabhakar Reddy
23. Dr. Jayanta Kumar Roy
24. \*Shrimati Sajda Ahmed
25. Shri Francisco Sardinha
26. Shri Anurag Sharma
27. Shri Mahesh Sahoo
28. Dr. M.P. Abdussamad Samadani
29. Shri Kirti Vardhan Singh
30. Dr. Ramapati Ram Tripathi
31. Shri Ram Shiromani Verma

**SECRETARIAT**

Shri Pradeep Chaturvedi, Joint Secretary  
Dr. (Smt.) Subhashree Panigrahi, Director  
Shri Rakesh Anand, Additional Director  
Shri Deepak Bhoria, Under Secretary  
Shri Harish Kumar, Committee Officer  
Shri Ankit Chansoria, Assistant Committee Officer

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\*Nominated w.e.f. 1<sup>st</sup> December, 2021 in lieu of Shrimati Satabdi Roy (Banerjee), M.P., Lok Sabha  
@Nominated w.e.f. 8<sup>th</sup> December, 2021 against vacancy created upon resignation of  
Prof. Manoj Kumar Jha from the Committee w.e.f. 11<sup>th</sup> October, 2021

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(2021-22)

(Constituted w.e.f. 13<sup>th</sup> September, 2021)

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29. Shri Ram Shiromani Verma
30. #Vacant
31. \$Vacant

### SECRETARIAT

Shri Pradeep Chaturvedi, Joint Secretary  
Dr. (Smt.) Subhashree Panigrahi, Director  
Smt. Monica Baa, Additional Director  
Shri Sammer Kapoor, Deputy Secretary  
Shri Deepak Bhorla, Under Secretary  
Shri Harish Kumar, Committee Officer  
Shri Ankit Chansoria, Assistant Committee Officer

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@Nominated w.e.f. 8<sup>th</sup> December, 2021 against vacancy created upon resignation of Prof. Manoj Kumar Jha from the Committee w.e.f. 11th October, 2021

\*Nominated w.e.f. 1<sup>st</sup> December, 2021 in lieu of Shrimati Satabdi Roy (Banerjee), M.P., Lok Sabha #Shri E.T. Mohammed Basheer ceased to be the member of the Committee w.e.f. 7<sup>th</sup> February, 2022

\$ Shri Mohammad Azam Khan ceased to be the Member of the Committee w.e.f. 22<sup>nd</sup> March, 2022

## INTRODUCTION

I, the Chairman of the Department-related Parliamentary Standing Committee on Science and Technology, Environment, Forests and Climate Change, having been authorised by the Committee to present the Report on its behalf, present this ‘Three Hundred Sixty Fifth Report’ on ‘The Wild Life (Protection) Amendment, Bill, 2021’.

2. The Report of the Committee is in two Volumes, wherein Volume – I contains the recommendations of the Committee on the Bill and Volume – II contains the written memoranda on the subject matter, submitted before the Committee, by individuals/experts/institutions.

3. The Committee wishes to express its thanks to the Secretary and other officers of the Ministry of Environment, Forest and Climate Change and the representatives of Ministry of Law and Justice for placing before the Committee the material and information desired in connection with the examination of the Bill. The Committee also acknowledges the contribution of all those who deposed before the Committee and also those who gave their valuable suggestions on the provisions of the Bill to the Committee through their written submissions.

4. The Committee considered and adopted the Report in its meeting held on the 18th April, 2022.

NEW DELHI;  
21<sup>st</sup> April, 2022  
Vaisakha 01, 1944 (Saka)

**JAIRAM RAMESH**  
Chairman,  
Department-related Parliamentary Standing Committee on Science  
and Technology, Environment, Forests and Climate Change,  
Rajya Sabha.

# REPORT

## CHAPTER 1

### INTRODUCTION

1.1 The Wild Life (Protection) Amendment Bill, 2021 was introduced in the Lok Sabha on December 17<sup>th</sup>, 2021. The Bill (annexed at the end of the Report- at Annexure V) was referred to the Department-related Parliamentary Standing Committee on Science and Technology, Environment, Forests and Climate Change on December 25, 2021 for consideration and report within three months, i.e. by March 24, 2021. On the request made by the Chairman of the Committee, Hon'ble Chairman, Rajya Sabha granted one month's extension of time upto 24<sup>th</sup> April, 2022 for presentation of Report.

1.2 In pursuance of the task at hand, the Committee held one meeting with officials of the Ministry of Environment, Forests and Climate Change on January 31, 2022. It met with noted experts on wild life conservation on February 1, 2022 and with officials of eight State Governments on March 8, 2022. The Chairman of the Committee held an informal virtual consultation with a number of experts and institutions on February 13, 2022, details of which are in Annexure I. The Chairperson has also held quite a few informal consultations with officials of the Ministry of Environment, Forests and Climate Change.

1.3 An Advertisement was published in major national Hindi and English daily newspapers on 27<sup>th</sup> January, 2022, calling for written representations by individuals/experts/NGOs on the Bill. In response, the Committee received around sixty representations from various individuals and institutions on the Bill. The list is at Annexure II. A number of these representations are very substantive and detailed.

**1.4 The Committee urges the Ministry of Environment, Forests and Climate Change to study these representations carefully for they contain many valuable suggestions for making the Wild Life Protection Act, 1972 (hereinafter referred to as the principal Act) more effective especially in terms of its implementation. The entire set of these representations is contained in Volume II of this Report.**



## CHAPTER 2

### **BACKGROUND TO ‘THE WILD LIFE (PROTECTION) AMENDMENT BILL, 2021’**

2.1 The Ministry of Environment, Forests and Climate Change, in its background note, submitted before the Committee that the Wild Life (Protection) Act, 1972 (53 of 1972), provides legal framework for the protection of various species of wild animals and plants, management of their habitat and the regulation and control of trade in wild animals, plants and their parts and products. The Act has been amended several times as per requirements, and the last amendment to the Act was made in the year 2006.

2.2 It was submitted before the Committee that India is a Party to the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) which requires that Parties take appropriate measures to enforce its provisions and prohibit trade in violation thereof. CITES regulates trade in over 38,700 species of wild animals and plants. Currently 183 countries are Party to CITES. Non-compliance by a country to adopt appropriate legislation to implement CITES may result in a recommendation to suspend trade in CITES-listed species with such country. Such a recommendation was made in respect of India in December 2004 but was withdrawn in March 2005 following assurances by India.

2.3 Further, the Ministry informed that India has been implementing CITES through the Customs Act 1962, Foreign Trade (Development and Regulation) Act, 1992 the Exim Policy, and the Wild Life (Protection) Act 1972. However, the CITES Secretariat has noted certain gaps in India’s implementation of the CITES. India has been identified by the CITES Standing Committee as one of the Parties requiring attention as a matter of priority regarding its national legislation. A recommendation to suspend trade with India for CITES-listed species would affect India’s exports and imports of such species which include Agarwood, Sheesham, Red Sanders, medicinal and aromatic plants, wood and wood products, etc.

2.4 Elaborating on the contents and the purpose of ‘the Wild Life (Protection) Amendment Bill, 2021’, the Ministry in its background note stated that a process for incorporating the CITES provisions in Wild Life (Protection) Act, 1972 was started earlier and the Wild Life (Protection) Amendment Bill was introduced in Parliament in 2013 along with some other amendments. However, the 2013 Bill was withdrawn in 2015 for undertaking comprehensive review. The Wild Life (Protection) Amendment Bill, 2021 proposes to amend the Wild Life (Protection) Act, 1972 so as to incorporate the necessary changes to appropriately implement CITES in India.

## CHAPTER 3

### AN OVERVIEW OF AMENDMENTS PROPOSED IN BILL

3.1 The total number of amendments proposed in the Bill are fifty including eleven amendments to definitions. The number of significant amendments are twenty-eight and the number of consequential amendments are sixteen. Six amendments are procedural in nature. In addition, one altogether new chapter (with fifteen Sections plus six amendments to existing Sections) is included in the Bill.

3.2 The **six major objectives** of the Bill as presented by the Ministry of Environment, Forests and Climate Change, before the Committee, are as follows:

- Ensuring international trade in wildlife is legal, sustainable and traceable by implementing the Convention of International Trade in Endangered Species of Wild Fauna and Flora (CITES).
- Protection of native Indian gene pool<sup>1</sup>.
- Improved management of protected areas.
- Improved care for seized and surrendered wild animals
- Ensuring deterrence by enhancing fines.
- Rationalization of Schedules to the existing Act.

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<sup>1</sup> There are many Indian domesticated species as well that are not included. Therefore, the addition of the word 'wild' would, in the view of the Standing Committee distinguish between the two.

## CHAPTER 4

### OBSERVATIONS AND RECOMMENDATIONS OF THE COMMITTEE ON MAJOR OBJECTIVES OF THE BILL

#### CITES

4.1 The most important reason given by the Ministry of Environment, Forests and Climate Change for introducing the Bill is the urgent need to provide legislative backing to commitments made by India over the past many years to the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). The Committee is in full agreement that such domestic legislation has now become essential to demonstrate India's long-standing commitment to implement in letter and spirit, the provisions of CITES. The most appropriate way to do so would have been to bring amendments in the Biological Diversity Act, 2002 and not in the Wild Life (Protection) Act, 1972 since the mandate of CITES is the sustainable use of bio-diversity. But that has not been the route adopted by the Ministry of Environment, Forests and Climate Change, even though other amendments to the Biological Diversity Act, 2002 contained in the Biological Diversity (Amendment) Bill, 2021 are presently being examined by a Joint Committee of Parliament on the Biological Diversity (Amendment) Bill, 2021.

4.2 Even assuming that the amendments to the Wild Life (Protection) Act, 1972 are needed, the Committee is of the opinion that the approach adopted by the Ministry of Environment, Forests and Climate Change to provide legislative sanctity to India's commitments to CITES in the Bill, is not very convenient. The approach proposed in the Bill will make the principal Act too unwieldy and complicated and could introduce contradictions since the basic construct of the 1972 Act has always been prohibitive whereas the underlying theme of CITES is facilitative or enabling.

4.3 There are two other options available for giving legislative sanctity to our CITES commitments. First is to have a separate law for CITES itself. Second, is to introduce amendments in the relevant Sections of the principal Act without necessarily having an elaborate Chapter VB in the principal Act as proposed in the Bill. This particular option has very strong support in the larger professional wild life conservation community in the country many of whom have an international name and recognition as well. This would involve simple amendments to the principal Act in Sections 2(5), 2 (18A), 2 (19), 2 (27), 2 (36), 3(1), 3(2), 3A, 9, 40, 40A(1), 41(1b), 48 (bii), 49A, 51(1A), 51A and 57 and shall ensure India's commitment to the Convention without disturbing the basic structure of the principal Act.

**4.4 The Committee has discussed both these options in detail with the Ministry of Environment, Forests and Climate Change. The Ministry has given a detailed response on the second option which is provided in Annexure III. At the request of the Committee's chairperson, this response has been critiqued by two eminent experts, which is provided in Annexure IV. The Committee urges the Ministry of Environment, Forests and Climate Change to give the most careful consideration to this critique and engage in a direct conversation with the experts.**

**4.5 While it believes that the second option is the most desirable to take, with the objective of building a consensus on this contentious issue without getting into a prolonged debate the Committee suggests a third alternative.**

**4.6** In this alternative the unwieldy and complicated Schedule IV which clutters up the principal Act is eliminated and all references to Schedule IV in the Bill are replaced by the words “the CITES Appendices”. A new definition for “CITES Appendices” will then have to be inserted that reads thus:

“CITES Appendices shall mean Appendices I, II and III of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) as they apply to India as notified by the Government of India from time to time”.

**4.7** In addition, there is need for absolute clarity that nothing contained in the proposed Chapter VB could facilitate breeding and trade of native Indian species listed in the revised Schedule I and II of the principal Act. Hence, the proposed Section 49R needs to be modified to read as follows:

“49R.- (1) Nothing in Sections 49M, 49N, or 49O of this Chapter shall apply to a species listed in Schedule I or Schedule II if the same species is also listed in the CITES Appendices.

(2) The provisions of this Chapter shall be subject to the provisions of Chapters III, IIIA, IVA, V, and VA of this Act and without prejudice to anything contained therein.”

**4.8** The Committee would also like to suggest that the Ministry of Environment, Forests and Climate Change revisit Clause 30 in the Bill in its entirety and see which of its provisions must necessarily form part of the principal Act and which can be made part of the Rules. For instance, while the establishment of a Management Authority and a Scientific Authority mandated by CITES should be in the principal Act, there are other provisions in Clause 30 which are of a procedural nature that could be part of the Rules so that the principal Act is not seen to be just CITES-centric.

## **PROTECTION OF NATIVE INDIAN GENE POOL**

**4.9** The Committee is in broad agreement with the amendments proposed for the protection of native Indian gene pool. However, it would also like to point out that species could be alien and invasive as far as a particular ecosystem *within* the country is concerned. Invasive alien species may not be just restricted to those from outside India. There must be a well-considered scientific and transparent process for proposing, evaluating, listing (and delisting as well) invasive alien species, along with enabling provisions directing the formulation of specific management measures.

## **IMPROVED MANAGEMENT OF PROTECTED AREAS**

**4.10** While reiterating the imperative to keep protected areas truly protected, the Committee is broadly in agreement with the amendments proposed for improved management of protected areas, especially the provision for fulfilling the *bona fide* use of drinking and household water by local communities. However, the Committee believes that clarifications will be needed in the Rules on what constitutes ‘drinking and household water by local communities’ since any activity can get justified for this use if no details are stipulated. The Rules should clarify which water-related activities are allowed on Government lands and on private lands in protected areas.

**4.11** One specific amendment that has caused considerable anguish in the wild life conservation community is the one relating to the creation of a Standing Committee of the State Board for Wild Life (SBWL). The reason given by the Ministry of Environment, Forests and Climate Change for this provision is to make the functioning of the SBWL more purposive. The legitimate worry is that such a Standing Committee with no more than twelve members will be packed with official members, exercise all powers of the SBWL and take decisions independent of the SBWL itself and end up being a rubber stamp for faster clearances of projects.

**4.12** At present the SBWL is chaired by the Chief Minister and it was the view of all state governments that appeared before the Committee that the Chief Minister should continue to do so. **This Committee is of the view that if a Standing Committee of the SBWL is to be formed, then it must *mandatorily* have as its members:**

- a) at least one-third of the non-official members of the SBWL;
- b) at least three institutional members (like ICFRE, NTCA, etc); and
- c) the Director of the Wildlife Institute of India or his/her nominee.

The same composition should be applicable to the National Board for Wild Life (NBWL) as well.

## **IMPROVED CARE FOR SEIZED AND SURRENDERED WILD ANIMALS**

**4.13** The Committee is in broad agreement with the amendments being proposed for improved care for seized and surrendered wild animals. **However, one specific amendment in this regard that provides for transfer or transport of live elephants, although with conditions prescribed by the Central Government, has raised serious concern in the wild life conservation community including amongst some State Governments.**

**4.14** The Committee is deeply conscious of the fact that a number of religious and cultural institutions in some States own elephants which play a crucial role in daily worship and rituals. That is why it has attempted to strike a careful balance to ensure that age-old traditions are not interfered with while at the same time addressing widespread concerns that nothing should be done to even give an impression that private ownership of elephants and trade in them is going to be encouraged.

**4.15** Hence, the Committee strongly recommends the deletion of Clause 27 as proposed in the Bill. However, in order to ensure a future pathway of acquisition of elephants by religious institutions, the Committee recommends the insertion of the following proviso after sub-Section (2) of Section 43 of the principal Act:

**“Provided that the Central Government, may if it considers appropriate, prescribe such additional terms and conditions as may be necessary, subject to which any transfer or transport of an existing captive elephant for a religious institution may be conducted by a person having a valid certificate of ownership.**

**4.16** The Committee expresses the hope that such additional terms and conditions will be finalized after consultations with individuals and institutions that are active in the field of elephant conservation, protection and welfare. These rules should also have clear provisions for remedial action if the additional terms and conditions are not fulfilled.

## **ENSURING DETERRENCE BY ENHANCING FINES**

4.17 The Committee is in broad agreement with the amendments proposed for ensuring deterrence by enhancing fines. In this connection it would also like to point out the need for far stricter enforcement of the law. Reports appear periodically on how the law is being circumvented. For instance, star turtles are one of the most valued and sought after species from India. There is rampant smuggling from India and the Wild life Crime Control Bureau has made seizures at airports. But surveillance needs to be intensified not only for this species but for many others also. The Bureau has also to become more alert, as part of an international coalition, to the growing use of digital and social media platforms for trafficking and illegal trade in wild life.

**4.18 The Committee also would like to point out that there should be a distinction between a criminal act and possible erroneous breach of the law, especially regarding permissions granted for education, science and research. The latter should attract fines undoubtedly but not imprisonment.**

## **RATIONALIZATION OF SCHEDULES IN PRINCIPAL ACT**

4.19 ‘The Wild Life (Protection) Amendment Bill, 2021’, proposes to replace the existing six Schedules in the principal Act, with three Schedules- Schedule I for species that will enjoy the highest level of protection, Schedule II for species that will be subject to a lesser degree of protection and Schedule III that covers plants.

4.20 The Committee is in agreement with this proposal. However, it finds a number of species missing in all the three Schedules. It also finds species that should be in Schedule I but have been placed in Schedule II. There are species missing altogether both in Schedules I and II as well as in Schedule III. Schedules I and II as proposed in the Bill will also not be able to be referenced easily by those entrusted with the responsibility of implementing the amended Act since they are arranged according to their scientific names in Latin.

**4.21 Hence, the Committee recommends major changes in all the three Schedules and also restructured Schedules I and II in a manner that makes them easy to read and look up. For instance, the species are arranged under broad groups (in scientific language called taxa) and listed by common names of species in alphabetical order which is not the case in the Bill.**

4.22 The Committee would also like to point out that due to the reduction in the number of Schedules in the Bill, many species fail to appear in either Schedule I or Schedule II. In the principal Act this was addressed by including the broad family (taxa) in the schedules other than Schedule I and Schedule II where there were no/minor penalties associated with hunting these species but the species were defined as wild life, thereby offering them protection. This anomaly needs to be addressed by the Ministry of Environment, Forests and Climate Change by having a separate schedule for all species that do not feature in Schedules I and II. Currently, the Schedules I, II and III are having most of the bird species, but the same cannot be said for mammals, reptiles, amphibians, fish, invertebrates, and plants.

4.23 Schedules I, II and III *revised* by the Committee based on extensive feedback received from various institutions and experts are appended to this Report. The Committee urges the Ministry of Environment, Forests and Climate Change to consult the Botanical Survey of India (BSI) to make Schedule III more comprehensive.

## CHAPTER 5

### RECOMMENDATIONS OF THE COMMITTEE ON TWO ISSUES NOT CONTAINED IN THE BILL

#### Human-Animal Conflict

5.1 Although an advisory was issued on January 6<sup>th</sup>, 2021 by the Ministry of Environment, Forests and Climate Change to State Governments, the Bill does not contain any specific provisions to deal with the concerns raised by members of the Committee on the issue of human-animal conflict which, in many ways, reflects on the success of conservation and protection programmes for which India has been a pioneer and has emerged as a world-leader. **Given these concerns the Committee has made some suggestions in this regard which it hopes will be considered seriously by the Ministry of Environment, Forests and Climate Change before the Bill is brought back to Parliament.**

5.2 Subject experts who appeared before the Committee and others who submitted detailed memoranda have also sought for specific provisions in the law. The Committee has also considered the question as to why another Statutory Committee is required when the law already empowers constitution of the State Board for Wild Life and the justification is as follows:

- a) That Human-Animal Conflict (HAC) is a complex issue as serious as hunting and therefore needs legislative backing in order to effectively manage the situation;
- b) That HAC requires to be disaggregated into those conflicts that endanger human life and property (as in the case of elephants and large carnivores) and those that damage human property – for example, crop damage.
- c) That the HAC Advisory Committee will be headed by the Chief Wild Life Warden who is the sole authority under Section 11 (1) (a) of the principal Act to take decisions in respect of Schedule I animals and can now consult the said committee under the proposed Section 33C of the principal Act, so that all aspects pertaining to the issue can be discussed which will enable the Chief Wild Life Warden in proper decision making, particularly in contentious situations involving huge media & public outcry;
- d) That a specialized committee, having limited members with in-depth technical knowledge for evolving effective site-specific plans/ mitigation strategies including recommendations on changing cropping patterns and for taking critical decisions at short notice, empowered under the law is necessary;
- e) That the recommended Committee with over 10 members chaired by the Minister in charge of Ministry of Environment , Forests and Climate Change may not have the specialized knowledge in terms of technical issues like chemical immobilization and specialized capture techniques, translocation, identification of corridors for long-term resolution etc.;
- f) That in order to deal with law & order situations which erupt in most HAC situations, a senior police officer empowered under the law has been recommended so

that appropriate orders, to Superintendents of Police to effectively control law & order and ensure protection to forest staff and property, can be issued;

## **Wild life Science**

5.3 Over the past half a century since the Wild Life (Protection) Act, 1972 came into being; India has built up impressive capabilities in wild life science. Indian institutions and individuals have acquired global standing. **The Committee believes that this infrastructure needs to be mobilized more meaningfully in the cause of wild life conservation, protection and management. The Committee has made some initial suggestions in this regard. A detailed memorandum on this specific subject has been received from a group of wild life scientists and forms part of volume II of the Committee's Report. The Committee recommends that the Ministry of Environment, Forests and Climate Change think more on this issue before coming back to Parliament with a new Bill. The Wildlife Institute of India in Dehradun also needs significant strengthening and expansion which must be supported fully from the budget of the Ministry of Environment, Forests and Climate Change.**



## CHAPTER 6

### RECOMMENDATIONS OF THE COMMITTEE FOR INSERTION OF ADDITIONAL CLAUSES (NOT CONTAINED IN THE BILL) IN THE PRINCIPAL ACT

6.1 Before giving its Clause-by-Clause recommendations, the Committee recommends the following additional insertions in the principal Act, which are not contained in the Wild Life (Protection) Amendment Bill, 2021.

#### Insertion in Section 5B (2) of principal Act

6.2 The Committee recommends the following insertion in Section 5B (2) of the principal act:

*For the words “and not more than ten members to be nominated by the Vice-Chairperson from amongst the members of the National Board”, the words “and at least one-third of the non-official members of the National Board to be nominated by the Vice-Chairperson, at least three institutional members of the National Board to be nominated by the Vice –Chairperson and the Director of the Wildlife Institute of India or his/her nominee” shall be substituted.*

#### Insertion in Section 12 of principal Act

6.3 The Committee recommends the following insertion in Section 12 of the principal act:

*For the words “to hunt”, the words “to capture, snare, trap, bait, tranquilize, radio tag, dart and collect” shall be substituted.*

#### Insertion as Section 12(e) of principal Act

6.4 The Committee recommends the following insertion as Section 12(e) of the principal act:

*(1) The Director, Wild Life Preservation, may grant permits for special purpose under this Section, in writing, on species listed under Schedule I. The Central Government shall process and respond to permit requests within a period not exceeding ninety days. Issuance of permits will be accompanied by a set of terms and conditions under which the special permits are issued. Rejection of the permit shall be accompanied with specific reasons in writing after giving an opportunity for the applicant to be heard or to submit a revised proposal.*

*(2) The Chief Wild Life Warden shall grant permits for special purpose under this Section, in writing, on wild animals, except for those included under Schedule I, within a time period which shall in no case exceed sixty days. Rejection of the permit shall be accompanied with specific reasons in writing after giving an opportunity for the applicant to be heard or to submit a revised proposal.*

#### Insertion in Section 17B of principal Act

6.5 The Committee recommends the following insertion in Section 17B of the principal act:

*(e)The Chief Wild Life Warden shall grant permit for special purposes under this Section, in writing, on specified plants within a time period which shall in no case*

*exceed sixty days. Rejection of the permit shall be accompanied with specific reasons in writing after giving an opportunity for the applicant to be heard or to submit a revised proposal.*

#### **Insertion in Section 33 in principal Act**

**6.6** The Committee recommends the following insertion in Section 33 of the principal act:

For the words “manage and maintain all sanctuaries” the words “manage and protect all sanctuaries” shall be substituted

#### **Insertion as Section 33C in principal Act**

**6.7** The Committee recommends the following insertion as Section 33C of the principal act:

*33C Constitution of Human-Animal Conflict Management Advisory Committee –*

- (1) The State Government shall constitute a Human-Animal Conflict Management Advisory Committee for ensuring planning, monitoring and mitigation of human-wildlife conflict within the State*
- (2) The Human-Animal Conflict Management Advisory Committee shall consist of –*
  - (a) The Chief Wildlife Warden – Chairperson;*
  - (b) an officer of the State Police Department not below the rank of an Inspector General in charge of Law & Order – Vice Chairperson.*
  - (c) two eminent wildlife ecologist with specific expertise in human-wildlife conflict solutions;*
  - (d) a wild life veterinarian with specific expertise in chemical immobilization and translocation of conflict prone species;*
  - (e) a representative of a non-governmental organization with experience in mitigation of human-wildlife conflict;*
  - (f) a sociologist with experience in mitigation of human-animal conflict;*
- (3) The term of office of the members other than those who are members ex officio and the manner of filling up of vacancies and the procedure to be followed shall be such, as may be prescribed.*
- (4) The Human-Animal Conflict Management Advisory Committee shall perform the following functions, namely:-*
  - (a) assess the extent of human-animal conflict and finalize an adaptive action plan covering all aspects including equipment, trained personnel, allocation of funds and advice on quantum of compensation to affected people;*
  - (b) formulate site-specific plans including creation of viable wildlife corridors to ensure long-term resolution of conflict;*
  - (c) develop specific protocols and Standard Operating Procedures, including prescription of scientific capture, translocation and population management techniques based on best practices, in*

*compliance of Section 12 including maintenance of law & order in the affected local area or location and related subjects;*

- (d) *convene and meet at, at short notice, to monitor and evaluate emergency situations that require timely action to be taken under Section 11.*

**Insertion in Section 38C (a) of principal Act**

**6.8** The Committee recommends the following insertion in Section 38C (a) of the principal act:

*After the word “zoo;” the words “in case of conservation breeding centres minimum standards will be species-specific and decided in consultation with experts or institutions breeding the species” shall be added.*

**Insertion in Section 38C (b) of the principal Act**

**6.9** The Committee recommends the following insertion in Section 38C (b) of the principal act:

*After the words “the norms” the words “including disease surveillance” shall be added.*

**Insertion in Section 38C (d) of principal Act**

**6.10** The Committee recommends the following insertion in Section 38C (d) of the principal act:

*After the word “zoo” the words “or a specialized agency” shall be added.*

**Insertion in Section 38 I(2) in principal Act**

**6.11** The Committee recommends the following insertion in Section 38 I(2) of the principal act:

*After the words “recognized zoo” the words “This shall not apply to registered conservation breeding centers.” shall be added.*

**Insertion as proviso after sub-Section (2) of Section 43 of the principal Act**

**6.12** The Committee recommends the following insertion as proviso after sub-Section (2) of Section 43 of the principal act:

*Provided that the Central Government, may if it considers appropriate, prescribe such additional terms and conditions as may be necessary, subject to which any transfer or transport of an existing captive elephant for a religious institution may be conducted by a person having a valid certificate of ownership.*

**Insertion in Section 50(4) of principal Act**

**6.13** The Committee recommends the following insertion in Section 50(4) of the principal act:

*After the words “before a Magistrate” the words “after registering a Wildlife Offence Report duly entered in such book and form along with the Case Diary as prescribed” be inserted.*

**Insertion in Section 50(3A) of principal Act**

**6.14** The Committee recommends the following insertion in Section 50(3A) of the principal act:

*After the words “Assistant Conservator of Forests” the words “or an Officer in charge of a Police Station” be inserted*

**Insertion in Section 51 (1) of principal Act**

**6.15** The Committee recommends the following insertion in Section 51(1) of the principal act:

*After the words and figures “except Chapter VA,” the words and figures “Section 12, Section 17B” shall be inserted.*

**Insertion in Section 51 (1A) of principal Act**

**6.16** The Committee recommends the following insertion in Section 51(1A) of the principal act:

*After the words and figures “Chapter VA” the words and figures “Chapter VB” shall be inserted.*

**Insertion of new sub-section (1BB) in Section 51 of principal Act**

**6.17** The Committee recommends the following insertion as new subsection (1BB) in Section 51 of the principal act:

*Notwithstanding anything contained elsewhere in this Act, any person who contravenes the provisions of Section 12, Section 17B and Clause(c) of sub-Section (1) of Section 28, shall be punishable with fine which may be extendable to fifty thousand rupees:*

*Provided that in case of a second or subsequent offence the fine may extend to one lakh rupees.*

*Provided further that for an offence committed in relation to clause (d) of Section 12, the penalty prescribed in the first proviso of sub-Section (1) of Section 51 shall apply.*

**Insertions in Section 55 and Section 55 (b) of principal Act**

**6.18** The Committee recommends the following insertions in Section 55 and Section 55 (b) of the principal act:

*After the words ‘or any other officer’ the words “or any Police officer” be inserted*

**Insertion to Section 61 in principal Act**

**6.19** The Committee recommends the following insertion in Section 61 of the principal act:

*(5) The Central and State Governments shall develop and implement species recovery programmes for species notified in Schedules I and III to be decided by the National Board for Wild Life and concerned State Board for Wild Life.*

## CHAPTER 7

### CLAUSE-BY-CLAUSE RECOMMENDATIONS OF THE COMMITTEE ON THE BILL

**7.1** The Committee is in agreement with a majority of the Clauses as mentioned in the proposed Wild Life (Protection) Amendment Bill, 2021. However, the Committee recommends the changes to some of the Clauses on the Bill as mentioned in the succeeding paras.

#### *Clause 2*

**7.2** The Committee recommends that after the word “protection,” the word “research” shall be inserted and after the words “management of wild life” the words “enabled by science” shall be inserted.

Thus Clause 2 as recommended by the Committee would read as follows:

*“In the preamble of the Wild Life (Protection) Act, 1972 (hereinafter referred to as the principal Act), for the words “protection of wild animals, birds and plants”, the words “conservation, protection, research and management of wild life enabled by science” shall be substituted”*

#### *Clause 3 (a)*

**7.3** The Committee recommends that for the words and figures “Schedule I, Schedule II, Schedule III or Schedule IV”, the words and figures “Schedule I or Schedule II or the CITES Appendices” shall be substituted.

#### *Clause 3 (d)*

**7.4** The Committee recommends that for the words and figures “Schedules I to V”, the words and figures “Schedules I or Schedule II or the CITES Appendices” shall be substituted.

#### *Clause 3 (e)*

**7.5** The Committee recommends that for the words and figures “Schedules I to V and VI” the words and figures “Schedule I, II, III or the CITES Appendices” shall be substituted.

#### *Clause 3 (i)*

**7.6** The Committee recommends that for the words “wild animal” the words and figures “wild animals specified in Schedule II and” shall be substituted.

#### *Clause 5*

**7.7** The recommendation for deleting the words “on such terms and conditions as may be prescribed” in the Bill is being made since functions are already specified in Section 5C of the principal Act in detail. Thus, there is no lacunae that requires to be addressed by insertion of the amendment in Section 5B (3).

**The Committee therefore recommends that Clause 5 shall be deleted.**

#### *Clause 6A (2)*

**7.8** The Committee recommends that for the words “not more than ten members to be nominated by the Vice-Chairperson from amongst the members of the Board” the

words “at least one-third of the non-official members of the State Board to be nominated by the Vice-Chairperson, at least three institutional members of the State Board to be nominated by the Vice Chairperson and the Director of the Wildlife Institute of India or his/her nominee” shall be substituted.

The Committee therefore recommends that the amended Clause 6A (2) may be read as follows

*“(2) The Standing Committee shall consist of the Vice-Chairperson, the Member-Secretary, and at least one-third of the non-official members of the State Board to be nominated by the Vice-Chairperson, at least three institutional members of the State Board to be nominated by the Vice Chairperson and the Director of the Wildlife Institute of India or his/her nominee.”*

*Clause 12(a)*

**7.9** The Committee recommends that for for the words “National Board” the words “State Board and National Board” shall be substituted.

*Clause 12(b)*

**7.10** The Committee recommends that the Explanatory Clause 12(b) may be read as follows:

*“Explanation.—For the purposes of this section, grazing or movement of livestock permitted under clause (d) of section 33, or hunting of wild animals under a permit granted under section 11 or hunting without violating the conditions of a permit granted under section 12, or the exercise of any rights permitted to continue under clause (c) of sub-section (2) of section 24, including the bona fide use of drinking and household water by local communities, until they are settled, shall not be deemed to be an act prohibited under this section.”*

*Clause 13(a)*

**7.11** The Committee recommends that for the word “him” the word “him/her” shall be substituted.

*Clause 27*

**7.12** The Committee recommends that Clause 27 be deleted.

*Clause 30*

**7.13** The Wild Life (Protection) Amendment Bill, 2021 proposes to introduce, through Clause 30, a new Chapter VB thereby inserting Clause 49D to 49R in the principal Act. The Committee recommends that the following explanatory Clause be inserted after sub-clause clause 2(a) of the proposed Clause 49J:

*“Explanation. - For the purposes of clause (a), the expression “commercial purposes” means display of any living specimen in a zoo or rescue centre which charges an entry fee.”*

**7.14** The Committee also recommends the following be inserted after the proposed Clause 49R:

**“(1) Nothing in Sections 49M, 49N, or 49O of this Chapter shall apply to a species listed in Schedule I or Schedule II if the same species is also listed in the CITES Appendices.**

**(2) The provisions of this Chapter shall be subject to the provisions of Chapters III, IIIA, IVA, V, VA and VIA of this Act and without prejudice to anything contained therein.”**

*Clause 31(ii)*

7.15 The recommendation to empower officers of the Central Armed Police Forces is being made since such Forces that may include the Border Security Force (BSF), Sashastra Seema Bal (SSB), Indo Tibetan Border Police (ITBP) are deployed along land borders through which illegal trafficking of wildlife happens.

**7.16 The Committee therefore recommends that the amended Clause 31(ii) may be read as follows:**

**“ after the words “a sub-inspector”, the words “or any customs officer not below the rank of inspector or any officer of the coast guard or the central armed police forces not below the rank of an Assistant Commandant” shall be inserted.”**

*Clause 31(iii)*

**7.17 The Committee recommends that Clause 31(iii) shall be deleted.**

*Clause 32*

**7.18 The Committee recommends the following amendment to Clause 32 (a)(ii)(B):**

**for the words and figures “Appendix I of Schedule IV” the words and figures “Appendix I of the CITES Appendices” shall be substituted.**

*Clause 36*

7.19 The recommendation for redrafting Section 57 is being made in order to ensure that this important provision, which prescribes a reverse burden of proof, should also cover “wild animal” which for some reason is not included. The lacunae which has the potential of being exploited, is sought to be plugged.

**7.20 The Committee recommends that Clause 36 may be redrafted as follows:**

**“In Section 57 of the principal Act—**

- (a) after the words “control of any” the words “wild animal” shall be inserted;**
- (b) after the words “derivative thereof” at both the places where they occur, the words “or Scheduled specimen” shall be inserted;**
- (c) after the words “control of such” the words “wild animal” shall be inserted.”**

*Clause 40*

**7.21 The Wild Life (Protection) Amendment Bill, 2021, through Clause 40, proposes to amend Section 63 sub-section (1) and insert sub-clause (gviii) after clause (gvi) in the principal Act. The Committee recommends that the proposed insertion in the principal Act as Section 63 sub-section (1) (gviii), be deleted.**

*Clause 41*

**7.22 The Committee recommends that Clause 41 shall refer to revised Schedule I, II and III and not to Schedules I, II, III and IV as contained in Bill. The Committee also recommends that consequential changes shall be made correspondingly, in the entire Bill, wherever Schedules have been referred to. The revised Schedules as recommended by the Committee are as follows:**

# SCHEDULE I

## PART A: MAMMALS

| Sl. No.          | Common name                                    | Scientific name                    |
|------------------|--|------------------------------------|
| <b>ANTELOPES</b> |  |                                    |
| 1.               | Blackbuck                                      | <i>Antilope cervicapra</i>         |
| 2.               | Chiru/ Tibetan Antelope                        | <i>Pantholopshodgsonii</i>         |
| 3.               | Chowsingha/ Four-horned Antelope               | <i>Tetracerus quadricornis</i>     |
| 4.               | Chinkara/ Indian Gazelle                       | <i>Gazella bennettii</i>           |
| 5.               | Goa/ Tibetan Gazelle                           | <i>Procaprapicticaudata</i>        |
| <b>BADGER</b>    |  |                                    |
| 6.               | Greater Hog Badger                             | <i>Arctonyxcollaris</i>            |
| 7.               | Northern Hog Badger                            | <i>Arctonyxalbobularis</i>         |
| <b>BATS</b>      |  |                                    |
| 8.               | Andaman Horseshoe Bat                          | <i>Rhinolophus cognatus</i>        |
| 9.               | Black-eared Flying Fox                         | <i>Pteropusmelanotus</i>           |
| 10.              | Kolar Leafnosed Bat/ Leafletted Leaf-nosed Bat | <i>Hipposideroshypophyllus</i>     |
| 11.              | Nicobar Flying Fox                             | <i>Pteropusfaunulus</i>            |
| 12.              | Salim Ali's Fruit Bat                          | <i>Latidenssalimalii</i>           |
| 13.              | Wroughton's Giant Mastiff Bat                  | <i>Otomopswroughtoni</i>           |
| <b>BEARS</b>     |  |                                    |
| 14.              | Asian Black Bear                               | <i>Ursus thibetanus</i>            |
| 15.              | Brown Bear                                     | <i>Ursus arctos</i>                |
| 16.              | Sloth Bear                                     | <i>Melursus ursinus</i>            |
| 17.              | Sun Bear                                       | <i>Helarctosmalayanus</i>          |
| <b>BINTURONG</b> |  |                                    |
| 18.              | Binturong                                      | <i>Arctictis binturong</i>         |
| <b>CANIDS</b>    |  |                                    |
| 19.              | Dhole  | <i>Cuonalpinus</i>                 |
| 20.              | Grey Wolf                                      | <i>Canis lupus</i>                 |
| <b>CAPRINES</b>  |  |                                    |
| 21.              | Argali   | <i>Ovis ammon</i>                  |
| 22.              | Himalayan Goral                                | <i>Naemorhedus goral</i>           |
| 23.              | Himalayan Serow                                | <i>Capricornissumatrensis thar</i> |
| 24.              | Markhor  | <i>Capra falconeri</i>             |
| 25.              | Red Goral                                      | <i>Naemorhedus baileyi</i>         |
| 26.              | Red Serow                                      | <i>Capricornisrubidus</i>          |
| 27.              | Siberian Ibex                                  | <i>Capra sibirica</i>              |
| 28.              | Takin  | <i>Budorcastaxicolor</i>           |
| 29.              | Urial  | <i>Ovis vignei</i>                 |



## CATS

|     |                      |                                   |
|-----|----------------------|-----------------------------------|
| 30. | Asiatic Golden Cat   | <i>Catopumatemminckii</i>         |
| 31. | Asiatic Cheetah      | <i>Acinonyx jubatus venaticus</i> |
| 32. | Asiatic Lion         | <i>Panthera leo persica</i>       |
| 33. | Caracal              | <i>Caracal caracal</i>            |
| 34. | Clouded Leopard      | <i>Neofelisnebulosa</i>           |
| 35. | Desert Cat/ Wild Cat | <i>Felis silvestris</i>           |
| 36. | Eurasian Lynx        | <i>Lynx lynx</i>                  |
| 37. | Fishing Cat          | <i>Prionailurusviverrinus</i>     |
| 38. | Jungle Cat           | <i>Felis chaus</i>                |
| 39. | Leopard              | <i>Panthera pardus</i>            |
| 40. | Leopard Cat          | <i>Prionailurus bengalensis</i>   |
| 41. | Marbled Cat          | <i>Pardofelis marmorata</i>       |
| 42. | Pallas's Cat         | <i>Otocolobusmanul</i>            |
| 43. | Rusty-spotted Cat    | <i>Prionailurusrubiginosus</i>    |
| 44. | Snow Leopard         | <i>Panthera uncia</i>             |
| 45. | Tiger                | <i>Panthera tigris</i>            |

## CIVETS

|     |                    |                                   |
|-----|--------------------|-----------------------------------|
| 46. | Common Palm Civet  | <i>Paradoxurus hermaphroditus</i> |
| 47. | Small Indian Civet | <i>Viverricula indica</i>         |
| 48. | Large Indian Civet | <i>Viverrazibetha</i>             |
| 49. | Malabar Civet      | <i>Viveracivettina</i>            |

## DEER

|     |   |                             |
|-----|---|-----------------------------|
| 50. | Alpine Muskdeer                           | <i>Moschus chrysogaster</i> |
| 51. | Black Muskdeer                            | <i>Moschus fuscus</i>       |
| 52. | Barasingha/ Swamp Deer                    | <i>Rucervusduvaucelii</i>   |
| 53. | Hangul/ Kashmir Red Deer/<br>Kashmir Stag | <i>Cervus hangluhanglu</i>  |
| 54. | Himalayan Muskdeer                        | <i>Moschus leucogaster</i>  |
| 55. | Hog Deer                                  | <i>Axis porcinus</i>        |
| 56. | Indian Chevrotain, Indian<br>Mousedeer    | <i>Moschiola indica</i>     |
| 57. | Kashmir Muskdeer                          | <i>Moschus cupreus</i>      |
| 58. | Leaf Muntjac                              | <i>Muntiacusputaoensis</i>  |
| 59. | Manipur Brow-antlered Deer/<br>Sangai     | <i>Rucervuselddiiddii</i>   |

## DOLPHINS

|     |                                  |                             |
|-----|----------------------------------|-----------------------------|
| 60. | Common Dolphin                   | <i>Delphinus delphis</i>    |
| 61. | Fraser's Dolphin                 | <i>Lagenodelphishosei</i>   |
| 62. | Indo-Pacific Bottlenose Dolphin  | <i>Tursiops aduncus</i>     |
| 63. | Indo-Pacific Humpback<br>Dolphin | <i>Sousa chinensis</i>      |
| 64. | Irrawaddy Dolphin                | <i>Orcaellabrevirostris</i> |
| 65. | Long-beaked Common Dolphin       | <i>Delphinus capensis</i>   |

|                  |  |                                 |
|------------------|--|---------------------------------|
| 66.              | Pantropical Spotted Dolphin  | <i>Stenella attenuata</i>       |
| 67.              | Risso's Dolphin  | <i>Grampus griseus</i>          |
| 68.              | Rough-toothed Dolphin  | <i>Steno bredanensis</i>        |
| 69.              | South Asian River Dolphin/<br>Ganges River Dolphin/ Indus<br>River Dolphin | <i>Platanista gangetica</i>     |
| 70.              | Spinner Dolphin  | <i>Stenella longirostris</i>    |
| 71.              | Striped Dolphin  | <i>Stenella coeruleoalba</i>    |
| <b>DUGONG</b>    |  |                                 |
| 72.              | Dugong   | <i>Dugong dugon</i>             |
| <b>ELEPHANT</b>  |  |                                 |
| 73.              | Asian Elephant   | <i>Elephas maximus</i>          |
| <b>FOXES</b>     |  |                                 |
| 74.              | Indian Fox/ Bengal Fox   | <i>Vulpes bengalensis</i>       |
| 75.              | Tibetan Fox  | <i>Vulpes ferrilata</i>         |
| <b>HARE</b>      |  |                                 |
| 76.              | Hispid Hare  | <i>Caprolagus hispidus</i>      |
| <b>HEDGEHOGS</b> |  |                                 |
| 77.              | Bare-bellied Hedgehog/ Madras<br>Hedgehog                                  | <i>Paraechinus nudiventris</i>  |
| 78.              | Indian Hedgehog  | <i>Paraechinus micropus</i>     |
| 79.              | Indian Long-eared Hedgehog   | <i>Hemiechinus collaris</i>     |
| <b>HOG</b>       |  |                                 |
| 80.              | Pygmy Hog  | <i>Porcula salvania</i>         |
| <b>HYAENA</b>    |  |                                 |
| 81.              | Striped Hyena  | <i>Hyaena hyaena</i>            |
| <b>MARMOTS</b>   |  |                                 |
| 82.              | Himalayan Marmot   | <i>Marmota himalayana</i>       |
| 83.              | Long-tailed Marmot   | <i>Marmota caudata</i>          |
| <b>OTTERS</b>    |  |                                 |
| 84.              | Asian Small-clawed Otter   | <i>Aonyx cinereus</i>           |
| 85.              | Eurasian Otter   | <i>Lutra lutra</i>              |
| 86.              | Smooth-coated Otter  | <i>Lutrogale perspicillata</i>  |
| <b>PANGOLINS</b> |  |                                 |
| 87.              | Chinese Pangolin   | <i>Manis pentadactyla</i>       |
| 88.              | Indian Pangolin  | <i>Manis crassicaudata</i>      |
| <b>PORPOISE</b>  |  |                                 |
| 89.              | Indo-Pacific Finless Porpoise  | <i>Neophocaena phocaenoides</i> |
| <b>PRIMATES</b>  |  |                                 |

|                      |   |                                   |
|----------------------|---|-----------------------------------|
| 90.                  | Arunachal Macaque   | <i>Macaca munzala</i>             |
| 91.                  | Bengal Slow Loris   | <i>Nycticebus bengalensis</i>     |
| 92.                  | Capped Langur   | <i>Trachypithecuspileatus</i>     |
| 93.                  | Eastern Hoolock Gibbon                                      | <i>Hoolock leuconedys</i>         |
| 94.                  | Gee's Golden Langur   | <i>Trachypithecusgeeii</i>        |
| 95.                  | Gray Slender Loris  | <i>Loris lydekkerianus</i>        |
| 96.                  | Kashmir Gray Langur   | <i>Semnopithecus ajax</i>         |
| 97.                  | Lion-tailed Macaque   | <i>Macaca Silenus</i>             |
| 98.                  | Nicobar Crab-eating Macaque/<br>Nicobar Long tailed Macaque | <i>Macaca fascicularisumbrosa</i> |
| 99.                  | Nilgiri Langur  | <i>Semnopithecus johnii</i>       |
| 100.                 | Northern Pig-tailed Macaque                                 | <i>Macaca leonine</i>             |
| 101.                 | Phayre's Langur/ Phayre's Leaf<br>Monkey                    | <i>Trachypithecusphayrei</i>      |
| 102.                 | Stump-tailed Macaque  | <i>Macaca arctoides</i>           |
| 103.                 | Western Hoolock Gibbon                                      | <i>Hoolock hoolock</i>            |
| 104.                 | White-cheeked Macaque                                       | <i>Macaca leucogenys</i>          |
| <b>PORCUPINES</b>    |   |                                   |
| 105.                 | Asiatic Brush-tailed Porcupine                              | <i>Atherurusmacrourus</i>         |
| 106.                 | Indian Crested Porcupine                                    | <i>Hystrix indica</i>             |
| 107.                 | Malayan Porcupine   | <i>Hystrixbrachyura</i>           |
| <b>RED PANDA</b>     |   |                                   |
| 108.                 | Red Panda   | <i>Ailurus fulgens</i>            |
| <b>RHINOCEROS</b>    |   |                                   |
| 109.                 | Greater One-horned Rhinoceros                               | <i>Rhinoceros unicornis</i>       |
| <b>SQUIRRELS</b>     |   |                                   |
| 110.                 | Bhutan Giant Flying Squirrel                                | <i>Petaurista nobilis</i>         |
| 111.                 | Black Giant Squirrel/ Malayan<br>Giant Squirrel             | <i>Ratufabicolor</i>              |
| 112.                 | Hairy-footed Flying Squirrel                                | <i>Belomyspearsonii</i>           |
| 113.                 | Hodgson's Giant Flying Squirrel                             | <i>Petauristamagnificus</i>       |
| 114.                 | Indian Giant Flying Squirrel                                | <i>Petauristaphilippensis</i>     |
| 115.                 | Indian Giant Squirrel                                       | <i>Ratufa indica</i>              |
| 116.                 | Namdapha Flying Squirrel                                    | <i>Biswamoyopterusbiswasi</i>     |
| 117.                 | Red Giant Flying Squirrel                                   | <i>Petauristapetaurista</i>       |
| 118.                 | Spotted Giant Flying Squirrel                               | <i>Petaurista elegans</i>         |
| 119.                 | Sri Lankan Giant Squirrel/<br>Grizzled Giant Squirrel       | <i>Ratufa macroura</i>            |
| 120.                 | Travancore Flying Squirrel                                  | <i>Petinomysfuscocapillus</i>     |
| 121.                 | Woolly Flying Squirrel                                      | <i>Eupetaurus cinereus</i>        |
| <b>SHREWS</b>        |   |                                   |
| 122.                 | Andaman White-toothed Shrew                                 | <i>Crociduraandamanensis</i>      |
| 123.                 | Day's Shrew   | <i>Suncusdayi</i>                 |
| <b>TREESHREWS</b>    |   |                                   |
| 124.                 | Nicobar Treeshrew   | <i>Tupaia nicobarica</i>          |
| <b>OTHER RODENTS</b> |   |                                   |
| 125.                 | Bonhote's Mouse   | <i>Mus famulus</i>                |

|                    |                                |                                   |
|--------------------|--------------------------------|-----------------------------------|
| 126.               | Hume's Rat/ Manipur Bush Rat   | <i>Hadromyshumei</i>              |
| 127.               | Kondan Rat                     | <i>Millardiakondana</i>           |
| 128.               | Large Rockrat                  | <i>Cremnomyselvira</i>            |
| 129.               | Miller's Nicobar Rat           | <i>Rattus burrus</i>              |
| 130.               | Nilgiri Long-tailed Tree Mouse | <i>Vandeleurianilagirica</i>      |
| 131.               | Ranjini's Field Rat            | <i>Rattus ranjinae</i>            |
| <b>TAHRS</b>       |                                |                                   |
| 132.               | Himalayan Tahr                 | <i>Hemitragusjemlahicus</i>       |
| 133.               | NilgiriTahr                    | <i>Nilgiritragushylocrius</i>     |
| <b>WHALES</b>      |                                |                                   |
| 134.               | Blainville's Beaked Whale      | <i>Mesoplodon densirostris</i>    |
| 135.               | Blue Whale                     | <i>Balaenoptera musculus</i>      |
| 136.               | Bryde's Whale/ Rice's Whale    | <i>Balaenoptera edeni</i>         |
| 137.               | Common Minke Whale             | <i>Balaenoptera acutorostrata</i> |
| 138.               | Cuvier's Beaked Whale          | <i>Ziphiuscavirostris</i>         |
| 139.               | Dwarf Sperm Whale              | <i>Kogia sima</i>                 |
| 140.               | False Killer Whale             | <i>Pseudorca crassidens</i>       |
| 141.               | Fin Whale                      | <i>Balaenoptera physalus</i>      |
| 142.               | Ginkgo-toothed Beaked Whale    | <i>Mesoplodon ginkgodens</i>      |
| 143.               | Humpback Whale                 | <i>Megaptera novaeangliae</i>     |
| 144.               | Killer Whale                   | <i>Orcinus orca</i>               |
| 145.               | Melon-headed Whale             | <i>Peponocephalaelectra</i>       |
| 146.               | Pygmy Killer Whale             | <i>Feresaattenuata</i>            |
| 147.               | Pygmy Sperm Whale              | <i>Kogiabreviceps</i>             |
| 148.               | Sei Whale                      | <i>Balaenoptera borealis</i>      |
| 149.               | Short-finned Pilot Whale       | <i>Globicephala macrorhynchus</i> |
| 150.               | Sperm Whale                    | <i>Physeter macrocephalus</i>     |
| <b>WILD CATTLE</b> |                                |                                   |
| 151.               | Gaur/ Indian Bison             | <i>Bos gaurus gaurus</i>          |
| 152.               | Wild Water Buffalo             | <i>Bubalus arnee</i>              |
| 153.               | Wild Yak                       | <i>Bos mutus</i>                  |
| <b>WILD ASS</b>    |                                |                                   |
| 154.               | Asiatic Wild Ass               | <i>Equus hemionus</i>             |
| 155.               | Kiang                          | <i>Equus kiang</i>                |

## **PART B: BIRDS**

| <b>Sl. No.</b>                     | <b>Common Name</b>                  | <b>Scientific Name</b>    |
|------------------------------------|-------------------------------------|---------------------------|
| <b>BARN OWLS</b>                   |                                     |                           |
| 1.                                 | Andaman Barn Owl/Andaman Masked-owl | <i>Tyto deroepstorffi</i> |
| 2.                                 | Common Barnowl                      | <i>Tyto alba</i>          |
| <b>BITTERNs, HERONS AND EGRETS</b> |                                     |                           |
| 3.                                 | White-bellied Heron                 | <i>Ardea insignis</i>     |

|     |  |                                    |
|-----|--|------------------------------------|
| 4.  | White-eared Night Heron                        | <i>Oroanassamagnifica</i>          |
|     | <b>BUNTINGS</b>                                |                                    |
| 5.  | Yellow-breasted Bunting                        | <i>Emberiza aureola</i>            |
|     | <b>BUSTARDS</b>                                |                                    |
| 6.  | Bengal Florican                                | <i>Houbaropsis bengalensis</i>     |
| 7.  | Great Indian Bustard                           | <i>Ardeotis nigriceps</i>          |
| 8.  | Lesser Florican                                | <i>Sypheotides indicus</i>         |
| 9.  | Little Bustard                                 | <i>Tetrax tetrax</i>               |
| 10. | Asian Houbara/Macqueen's<br>Bustard/Houbara    | <i>Chlamydotis macqueenii</i>      |
|     | <b>CISTICOLAS, PRINIAS,<br/>AND ALLIES</b>     |                                    |
| 11. | Grey-crowned Prinia                            | <i>Prinia cinereocapilla</i>       |
|     | <b>COURSERS AND<br/>PRATINCOLES</b>            |                                    |
| 12. | Indian Courser                                 | <i>Cursorius coromandelicus</i>    |
| 13. | Jerdon's Courser                               | <i>Rhinoptilus bitorquatus</i>     |
|     | <b>CRANES</b>                                  |                                    |
| 14. | Black-necked Crane                             | <i>Grus nigricollis</i>            |
| 15. | Common Crane                                   | <i>Grus grus</i>                   |
| 16. | Demoiselle Crane                               | <i>Anthropoides virgo</i>          |
| 17. | Sarus Crane                                    | <i>Grus antigone</i>               |
| 18. | Siberian Crane                                 | <i>Leucogeranus leucogeranus</i>   |
|     | <b>DUCKS, GEESE, AND<br/>SWANS</b>             |                                    |
| 19. | Andaman Teal                                   | <i>Anas albogularis</i>            |
| 20. | Baer's Pochard                                 | <i>Aythya baeri</i>                |
| 21. | Common Pochard                                 | <i>Aythya ferina</i>               |
| 22. | Fulvous Whistling Duck                         | <i>Dendrocygnabitator</i>          |
| 23. | Marbled Teal                                   | <i>Marmaronetta angustirostris</i> |
| 24. | Pink-headed Duck                               | <i>Rhodonessacaryophyllacea</i>    |
| 25. | White-headed Duck                              | <i>Oxyuraleucocephala</i>          |
| 26. | White-winged Wood Duck                         | <i>Asarcornis scutulata</i>        |
|     | <b>FALCONS</b>                                 |                                    |
| 27. | Laggar Falcon                                  | <i>Falco jugger</i>                |
| 28. | Peregrine Falcon                               | <i>Falco peregrinus</i>            |
| 29. | Red-necked Falcon/Red-headed<br>Falcon         | <i>Falco chicquera</i>             |
| 30. | Saker Falcon/Saker                             | <i>Falco cherrug</i>               |
|     | <b>FINFOOTS</b>                                |                                    |
| 31. | Masked Finfoot                                 | <i>Heliopais personatus</i>        |
|     | <b>FLYCATCHERS, CHATS<br/>AND ALLIES</b>       |                                    |
| 32. | Hodgson's Bushchat/White-<br>throated Bushchat | <i>Saxicola insignis</i>           |
| 33. | Nilgiri Sholakili                              | <i>Sholicola major</i>             |

|     |  |                                 |
|-----|--|---------------------------------|
| 34. | White-bellied Sholakili                      | <i>Sholicolaalbiventris</i>     |
|     | <b>FRIGATEBIRDS</b>                          |                                 |
| 35. | Christmas Island Frigatebird                 | <i>Fregataandrewsi</i>          |
|     | <b>FROGMOUTHS</b>                            |                                 |
| 36. | Hodgson's Frogmouth                          | <i>Batrachostomushodgsoni</i>   |
| 37. | Sri Lanka Frogmouth                          | <i>Batrachostomusmoniliger</i>  |
|     | <b>GULLS AND TERNS</b>                       |                                 |
| 38. | Black-bellied Tern                           | <i>Sterna acuticauda</i>        |
| 39. | Indian Skimmer                               | <i>Rynchopsalbicollis</i>       |
| 40. | River Tern                                   | <i>Sterna aurantia</i>          |
|     | <b>HONEYGUIDES</b>                           |                                 |
| 41. | Yellow-rumped Honeyguide                     | <i>Indicator xanthonotus</i>    |
|     | <b>HORNBILLS</b>                             |                                 |
| 42. | Austen's Brown Hornbill/Brown<br>Hornbill    | <i>Anorrhinusausteni</i>        |
| 43. | Great Hornbill                               | <i>Bucerosbicornis</i>          |
| 44. | Malabar Grey Hornbill                        | <i>Ocyeros griseus</i>          |
| 45. | Malabar Pied Hornbill                        | <i>Anthracoseroscoronatus</i>   |
| 46. | Narcondam Hornbill                           | <i>Rhyticerosnarcondami</i>     |
| 47. | Oriental Pied Hornbill                       | <i>Anthracoserosalbirostris</i> |
| 48. | Rufous-necked Hornbill                       | <i>Acerosnipalensis</i>         |
| 49. | Wreathed Hornbill                            | <i>Rhyticeros undulatus</i>     |
|     | <b>IBISBILL</b>                              |                                 |
| 50. | Ibisbill                                     | <i>Ibidorhynchastruthersii</i>  |
|     | <b>KINGFISHERS</b>                           |                                 |
| 51. | Blyth's Kingfisher                           | <i>Alcedohercules</i>           |
|     | <b>KITES, HAWKS, EAGLES<br/>AND VULTURES</b> |                                 |
| 52. | Andaman Serpent-eagle                        | <i>Spilorniselgini</i>          |
| 53. | Bearded Vulture/Lammergeyer                  | <i>Gypaetus barbatus</i>        |
| 54. | Besra  | <i>Accipiter virgatus</i>       |
| 55. | Black Baza                                   | <i>Avicedaleuphotes</i>         |
| 56. | Changeable Hawk-eagle                        | <i>Nisaetuscirrhatus</i>        |
| 57. | Chinese Sparrowhawk                          | <i>Accipiter soloensis</i>      |
| 58. | Cinereous Vulture/Black<br>Vulture           | <i>Aegypiusmonachus</i>         |
| 59. | Crested Goshawk                              | <i>Accipiter trivirgatus</i>    |
| 60. | Eastern Imperial Eagle/Imperial<br>Eagle     | <i>Aquila heliaca</i>           |
| 61. | Eastern Marsh-harrier                        | <i>Circus spilonotus</i>        |
| 62. | Egyptian Vulture                             | <i>Neophron percnopterus</i>    |
| 63. | Eurasian Sparrowhawk                         | <i>Accipiter nisus</i>          |
| 64. | Golden Eagle                                 | <i>Aquila chrysaetos</i>        |
| 65. | Great Nicobar Serpent-eagle                  | <i>Spilornisklossi</i>          |
| 66. | Greater Spotted Eagle                        | <i>Clangaclanga</i>             |
| 67. | Grey-headed Fish-eagle                       | <i>Haliaeetus ichthyaeus</i>    |
| 68. | Eurasian Griffon/Griffon<br>Vulture          | <i>Gyps fulvus</i>              |

|      |   |                                 |
|------|---|---------------------------------|
| 69.  | Hen Harrier                                 | <i>Circus cyaneus</i>           |
| 70.  | Himalayan Vulture/Himalayan Griffon         | <i>Gyps himalayensis</i>        |
| 71.  | Indian Spotted Eagle                        | <i>Clangahastata</i>            |
| 72.  | Indian Vulture                              | <i>Gyps indicus</i>             |
| 73.  | Japanese Sparrowhawk                        | <i>Accipiter gularis</i>        |
| 74.  | Jerdon's Baza                               | <i>Aviceda jerdoni</i>          |
| 75.  | Lesser Fish-eagle                           | <i>Icthyophaga humilis</i>      |
| 76.  | Montagu's Harrier                           | <i>Circus pygargus</i>          |
| 77.  | Mountain Hawk-eagle                         | <i>Nisaetus nipalensis</i>      |
| 78.  | Nicobar Sparrowhawk                         | <i>Accipiter butleri</i>        |
| 79.  | Northern Goshawk                            | <i>Accipiter gentilis</i>       |
| 80.  | Pallas's Fish-eagle                         | <i>Haliaeetus leucoryphus</i>   |
| 81.  | Pallid Harrier                              | <i>Circus macrourus</i>         |
| 82.  | Pied Harrier                                | <i>Circus melanoleucos</i>      |
| 83.  | Red-headed Vulture                          | <i>Sarcogyps calvus</i>         |
| 84.  | Rufous-bellied Eagle                        | <i>Lophotriorchiskienerii</i>   |
| 85.  | Short-toed Snake-eagle                      | <i>Circaetus gallicus</i>       |
| 86.  | Slender-billed Vulture                      | <i>Gyps tenuirostris</i>        |
| 87.  | Steppe Eagle                                | <i>Aquila nipalensis</i>        |
| 88.  | Tawny Eagle                                 | <i>Aquila rapax</i>             |
| 89.  | Upland Buzzard                              | <i>Buteo hemilasius</i>         |
| 90.  | White-bellied Sea-eagle                     | <i>Haliaeetus leucogaster</i>   |
| 91.  | White-eyed Buzzard                          | <i>Butastur teesa</i>           |
| 92.  | White-rumped Vulture                        | <i>Gyps bengalensis</i>         |
| 93.  | White-tailed Sea-eagle                      | <i>Haliaeetus albicilla</i>     |
|      | <b>LAUGHING THRUSHES AND LARGE BABBLERS</b> |                                 |
| 94.  | Ashambu Laughingthrush                      | <i>Montecincla meridionalis</i> |
| 95.  | Banasura Laughingthrush                     | <i>Montecincla jerdoni</i>      |
| 96.  | Bugun Liocichla                             | <i>Liocichla bugunorum</i>      |
| 97.  | Nilgiri Laughingthrush                      | <i>Montecincla cachinnans</i>   |
| 98.  | Slender-billed Babbler                      | <i>Argyalongirostris</i>        |
|      | <b>MEGAPODES</b>                            |                                 |
| 99.  | Nicobar Megapode/Nicobar Scrubfowl          | <i>Megapodius nicobariensis</i> |
|      | <b>MUNIAS</b>                               |                                 |
| 100. | Green Munia/Green Avadavat                  | <i>Amandava formosa</i>         |
|      | <b>NUTHATCHES</b>                           |                                 |
| 101. | Beautiful Nuthatch                          | <i>Sitta formosa</i>            |
|      | <b>OSPREY</b>                               |                                 |
| 102. | Osprey                                      | <i>Pandion haliaetus</i>        |
|      | <b>OWLS</b>                                 |                                 |
| 103. | Brown Fish-owl                              | <i>Ketupa zeylonensis</i>       |
| 104. | Brown Wood-owl                              | <i>Strix leptogrammica</i>      |
| 105. | Buffy Fish-owl                              | <i>Ketupa ketupu</i>            |
| 106. | Eurasian Eagle-owl                          | <i>Bubo bubo</i>                |
| 107. | Forest Owlet                                | <i>Athene blewitti</i>          |

|      |  |                                 |
|------|--|---------------------------------|
| 108. | Mottled Wood-owl                         | <i>Strix ocellata</i>           |
| 109. | Northern Long-eared Owl                  | <i>Asiootus</i>                 |
| 110. | Rock Eagle-owl                           | <i>Bubo bengalensis</i>         |
| 111. | Short-eared Owl                          | <i>Asioflammeus</i>             |
| 112. | Spot-bellied Eagle-owl                   | <i>Bubo nipalensis</i>          |
| 113. | Tawny Fish-owl                           | <i>Ketupaflavipes</i>           |
|      | <b>PARROTBILLS AND ALLIES</b>            |                                 |
| 114. | Black-breasted Parrotbill                | <i>Paradoxornisflavirostris</i> |
|      | <b>PARROTS</b>                           |                                 |
| 115. | Lord Derby's Parakeet                    | <i>Psittaculaderbiana</i>       |
| 116. | Red-breasted Parakeet                    | <i>Psittaculaalexandri</i>      |
|      | <b>PARTRIDGES, QUAILS, AND PHEASANTS</b> |                                 |
| 117. | Blood Pheasant                           | <i>Ithaginiscaeruentus</i>      |
| 118. | Blyth's Tragopan                         | <i>Tragopan blythii</i>         |
| 119. | Cheer Pheasant                           | <i>Catreuswallichii</i>         |
| 120. | Green Peafowl                            | <i>Pavomuticus</i>              |
| 121. | Grey Junglefowl                          | <i>Gallus sonneratii</i>        |
| 122. | Grey Peacock Pheasant                    | <i>Polyplectronbicalcaratum</i> |
| 123. | Himalayan Monal                          | <i>Lophophorusimpejanus</i>     |
| 124. | Himalayan Quail                          | <i>Ophrysiassuperciliosa</i>    |
| 125. | Indian Peafowl                           | <i>Pavocristatus</i>            |
| 126. | Kalij Pheasant                           | <i>Lophuraleucomelanos</i>      |
| 127. | Manipur Bush-quail                       | <i>Perdiculamanipurensis</i>    |
| 128. | Mountain Bamboo-partridge                | <i>Bambusicolafytchii</i>       |
| 129. | Mrs Hume's Pheasant                      | <i>Syrmaticushumiae</i>         |
| 130. | Satyr Tragopan                           | <i>Tragopan satyra</i>          |
| 131. | Sclater's Monal                          | <i>Lophophorussclateri</i>      |
| 132. | Swamp Francolin                          | <i>Francolinusgularis</i>       |
| 133. | Temminck's Tragopan                      | <i>Tragopan temminckii</i>      |
| 134. | Tibetan Snowcock                         | <i>Tetraogallustibetanus</i>    |
| 135. | Western Tragopan                         | <i>Tragopan melanocephalus</i>  |
|      | <b>PIGEONS AND DOVES</b>                 |                                 |
| 136. | Nicobar Pigeon                           | <i>Caloenasnicobarica</i>       |
| 137. | Nilgiri Wood-pigeon                      | <i>Columba elphinstonii</i>     |
| 138. | Pale-capped Pigeon                       | <i>Columba punicea</i>          |
| 139. | Yellow-eyed Pigeon                       | <i>Columba eversmanni</i>       |
|      | <b>PIPITS AND WAGTAILS</b>               |                                 |
| 140. | Nilgiri Pipit                            | <i>Anthusnilghiriensis</i>      |
|      | <b>PLOVERS AND LAPWINGS</b>              |                                 |
| 141. | Sociable Lapwing                         | <i>Vanellusgregarius</i>        |
|      | <b>SANDPIPERS</b>                        |                                 |
| 142. | Great Knot                               | <i>Calidris tenuirostris</i>    |
| 143. | Spoon-billed Sandpiper                   | <i>Calidris pygmaea</i>         |
| 144. | Wood Snipe                               | <i>Gallinagonemorica</i>        |
|      | <b>SCIMITAR BABBLERS</b>                 |                                 |



|      |   |                                  |
|------|---|----------------------------------|
|      | <b>AND ALLIES</b>                               |                                  |
| 145. | Mishmi Wren Babbler/Rusty-throated Wren-babbler | <i>Spelaornisbadeigularis</i>    |
| 146. | Naga Wren Babbler                               | <i>Spelaornischocolatinus</i>    |
|      | <b>SMALL BABBLERS, FULVETTAS AND ALLIES</b>     |                                  |
| 147. | Marsh Babbler                                   | <i>Pellorneumpalustre</i>        |
| 148. | Rufous-vented Grass-babbler                     | <i>Laticillaburnesii</i>         |
| 149. | Swamp Grass Babbler                             | <i>Laticillacinerascens</i>      |
|      | <b>STARLINGS AND MYNAS</b>                      |                                  |
| 150. | Common Hill Myna                                | <i>Gracula religiosa</i>         |
|      | <b>STORKS</b>                                   |                                  |
| 151. | Greater Adjutant                                | <i>Leptoptilosdubius</i>         |
| 152. | Lesser Adjutant                                 | <i>Leptoptilosjavanicus</i>      |
|      | <b>SWIFTS</b>                                   |                                  |
| 153. | Dark-rumped Swift                               | <i>Apus acuticauda</i>           |
|      | <b>WEAVERS</b>                                  |                                  |
| 154. | Finn's Weaver                                   | <i>Ploceusmegarhynchus</i>       |
|      | <b>WOODPECKERS AND ALLIES</b>                   |                                  |
| 155. | Great Slaty Woodpecker                          | <i>Mulleripicuspulverulentus</i> |

## **PART C: REPTILES**

| <b>Sl. No.</b> | <b>Common name</b>         | <b>Scientific name</b>     |
|----------------|----------------------------|----------------------------|
|                | <b>BOA</b>                 |                            |
| 1.             | Red Sand Boa               | <i>Eryxjohnii</i>          |
| 2.             | Whitaker's Red Sand Boa    | <i>Eryxwhitakeri</i>       |
|                | <b>CROCODILES</b>          |                            |
| 3.             | Gharial                    | <i>Gavialis gangeticus</i> |
| 4.             | Mugger                     | <i>Crocodyluspalustri</i>  |
| 5.             | Estuarine Crocodile        | <i>Crocodylusporosus</i>   |
|                | <b>CHAMELEON</b>           |                            |
| 6.             | Indian Chameleon           | <i>Chamaeleozeylanicus</i> |
|                | <b>GECKO</b>               |                            |
| 7.             | Tokay Gecko                | <i>Gekko gekko</i>         |
|                | <b>KING COBRA</b>          |                            |
| 8.             | King Cobra                 | <i>Ophiophagus hannah</i>  |
|                | <b>LIZARD</b>              |                            |
| 9.             | Indian spiny-tailed Lizard | <i>Saarahardwickii</i>     |
|                | <b>MONITORS</b>            |                            |
| 10.            | Bengal Monitor Lizard      | <i>Varanus bengalensis</i> |
| 11.            | Common Water Monitor       | <i>Varanus salvator</i>    |

|                                |                                    |                                 |
|--------------------------------|------------------------------------|---------------------------------|
| 12.                            | Desert Monitor                     | <i>Varanus griseus</i>          |
| 13.                            | Yellow Monitor                     | <i>Varanus flavescens</i>       |
| <b>PYTHONS</b>                 |                                    |                                 |
| 14.                            | Burmese Python                     | <i>Python bivittatus</i>        |
| 15.                            | Indian Rock Python                 | <i>Python molurus</i>           |
| 16.                            | Reticulated Python                 | <i>Malayopython reticulatus</i> |
| <b>TURTLES &amp; TORTOISES</b> |                                    |                                 |
| 17.                            | Asian Giant soft-shelled Turtle    | <i>Pelochelyscantorii</i>       |
| 18.                            | Asian Giant Tortoise               | <i>Manouriaemys</i>             |
| 19.                            | Asiatic Softshell Turtle           | <i>Amydacartilaginea</i>        |
| 20.                            | Assam Roofed Turtle                | <i>Pangshurasyllhentensis</i>   |
| 21.                            | Black Soft-shelled Turtle          | <i>Nilssonina nigricans</i>     |
| 22.                            | Cochin Forest Cane Turtle          | <i>Vijayachelyssilvatica</i>    |
| 23.                            | Crowned River Turtle               | <i>Hardellathurjii</i>          |
| 24.                            | Elongated Tortoise                 | <i>Indotestudoelongata</i>      |
| 25.                            | Ganges Soft-shelled Turtle         | <i>Nilssoninagangetica</i>      |
| 26.                            | Green Sea Turtle, Green Turtle     | <i>Chelonia mydas</i>           |
| 27.                            | Hawksbill Turtle                   | <i>Eretmochelys imbricata</i>   |
| 28.                            | Indian Eyed Turtle                 | <i>Moreniapetersi</i>           |
| 29.                            | Indian Flap-shelled Turtle         | <i>Lissemys punctata</i>        |
| 30.                            | Indian Peacock Soft-shelled Turtle | <i>Nilssoniahurum</i>           |
| 31.                            | Indian Roofed Turtle               | <i>Pangshura tecta</i>          |
| 32.                            | Indian Star Tortoise               | <i>Geochelone elegans</i>       |
| 33.                            | Indian Tent Turtle                 | <i>Pangshura tentoria</i>       |
| 34.                            | Keeled Box Turtle                  | <i>Cuoramouhotii</i>            |
| 35.                            | Leatherback Sea Turtle             | <i>Dermochelys coriacea</i>     |
| 36.                            | Leith's Soft-shelled Turtle        | <i>Nilssonialeithii</i>         |
| 37.                            | Olive Ridley Sea Turtle            | <i>Lepidochelys olivacea</i>    |
| 38.                            | <i>Painted Roofed Turtle</i>       | <i>Batagurkachuga</i>           |
| 39.                            | <i>River Terrapin</i>              | <i>Batagurbaska</i>             |
| 40.                            | Spotted Pond Turtle                | <i>Geoclemyshamiltonii</i>      |
| 41.                            | South-east Asian Box Turtle        | <i>Cuoraamboinensis</i>         |
| 42.                            | Three-striped Roofed Turtle        | <i>Batagurdhongoka</i>          |
| 43.                            | Travancore Tortoise                | <i>Indotestudotravancorica</i>  |

## **PART D: AMPHIBIANS**

### **Common Name**

### **Scientific Name**

#### **NEWT / SALAMANDER**

|    |                          |                                |
|----|--------------------------|--------------------------------|
| 1. | Himalayan Crocodile Newt | <i>Tylototritonhimalayanus</i> |
| 2. | Orange-warted Salamander | <i>Tylototritonverrucosus</i>  |

## PART E: FISHES

| Sl. No. | Common Name                                     | Scientific Name                      |
|---------|---|--------------------------------------|
|         | <b>CHIMAERA</b>                                 |                                      |
| 1.      | Sicklefin Chimaera                              | <i>Neoharriotta pinnata</i>          |
|         | <b>GROUPE</b>                                   |                                      |
| 2.      | Giant Grouper                                   | <i>Epinephelus lanceolatus</i>       |
|         | <b>PIPEFISHES</b>                               |                                      |
| 3.      | Alligator Pipefish                              | <i>Syngnathoides biaculeatus</i>     |
| 4.      | Banded Pipefish                                 | <i>Dunckerocampus dactyliophorus</i> |
| 5.      | Bloodspot Pipefish                              | <i>Corythoichthys haematopterus</i>  |
| 6.      | Brown-banded Pipefish                           | <i>Corythoichthys amplexus</i>       |
| 7.      | Crested Pipefish                                | <i>Trachyrhamphus serratus</i>       |
| 8.      | Long-head Pipefish                              | <i>Trachyrhamphus longirostris</i>   |
| 9.      | Ornate Pipefish                                 | <i>Halicampus macrorhynchus</i>      |
| 10.     | Pygmy Pipe fish                                 | <i>Micrognathus brevirostris</i>     |
| 11.     | Samoan Pipefish                                 | <i>Halicampus mataafae</i>           |
| 12.     | Schultz's Pipefish                              | <i>Corythoichthys schultzi</i>       |
| 13.     | Sculpted Pipefish                               | <i>Choeroichthys sculptus</i>        |
|         | <b>RAYS</b>                                     |                                      |
| 14.     | Andaman Pygmy Skate                             | <i>Cruriraja andamanica</i>          |
| 15.     | Annandale's Guitarfish/ Bengal Guitarfish       | <i>Rhinobatos annandalei</i>         |
| 16.     | Banana-tail Ray/ Broad Cowtail Ray              | <i>Pastinachus ater</i>              |
| 17.     | Banded Eagle Ray                                | <i>Aetomylaeus nichofii</i>          |
| 18.     | Bengal Whipray                                  | <i>Brevitrygon imbricata</i>         |
| 19.     | Bennett's Stingray                              | <i>Hemitrygon bennetti</i>           |
| 20.     | Black-blotched Stingray/ Round Ribbontail Ray   | <i>Taeniurops meyeri</i>             |
| 21.     | Bleeker's Whipray                               | <i>Pateobatis bleekeri</i>           |
| 22.     | Bluespotted Fantail Ray/ Bluespotted Lagoon Ray | <i>Taeniura lymma</i>                |
| 23.     | Bluespotted Maskray                             | <i>Neotrygon caeruleopunctata</i>    |
| 24.     | Bottlenose Wedgefish                            | <i>Rhynchobatus australiae</i>       |
| 25.     | Box Ray/ Sicklefin Devil Ray                    | <i>Mobulata rapacana</i>             |
| 26.     | Brown Numbfish                                  | <i>Narcine timlei</i>                |
| 27.     | Brown Stingray                                  | <i>Bathytoshialata</i>               |
| 28.     | Chevron Manta Ray/ Giant Manta Ray              | <i>Mobula birostris</i>              |
| 29.     | Chinese Numbfish                                | <i>Narcine lingula</i>               |
| 30.     | Clubnose Guitarfish                             | <i>Glaucostegus thouin</i>           |
| 31.     | Coastal Manta Ray/ Reef Manta Ray               | <i>Mobula alfredi</i>                |
| 32.     | Cowtail Ray                                     | <i>Pastinachus sephen</i>            |
| 33.     | Dark Blindray/ Indian Blind Numbfish            | <i>Benthobatis moresbyi</i>          |

|     |   |                                 |
|-----|---|---------------------------------|
| 34. | Darkfined Numbfish/<br>Darkspotted Electric Ray | <i>Narcinamaculata</i>          |
| 35. | Deepwater Stingray/ Giant<br>Stingaree          | <i>Plesiobatisdaviesi</i>       |
| 36. | Dwarf Whipray/ Scaly Whipray                    | <i>Brevitrygonwalga</i>         |
| 37. | Finless Sleeper Ray                             | <i>Temerahardwickii</i>         |
| 38. | Flapnose Ray/ Javanese<br>Cownose Ray           | <i>Rhinopterajavanica</i>       |
| 39. | Ganges Stingray                                 | <i>Himantura fluviatilis</i>    |
| 40. | Giant Devil Ray/ Spinetail<br>Devil Ray         | <i>Mobulamobular</i>            |
| 41. | Giant Freshwater Whipray                        | <i>Urogymnuspolylepis</i>       |
| 42. | Giant Guitarfish                                | <i>Rhynchobatusdjiddensis</i>   |
| 43. | Giant Shovelnose Ray/ Giant<br>Guitarfish       | <i>Glaucostegus typus</i>       |
| 44. | Halavi Guitarfish                               | <i>Glaucostegushalavi</i>       |
| 45. | Indian Ring Skate                               | <i>Orbirajapowelli</i>          |
| 46. | Indian Sharpnose Ray                            | <i>Telatrygoncrozieri</i>       |
| 47. | Jenkins' Whipray                                | <i>Pateobatisjenkinsii</i>      |
| 48. | Kuhl's Devilray/ Shortfin<br>Devilray           | <i>Mobulakuhlii</i>             |
| 49. | Leopard Torpedo, Panther<br>Electric Ray        | <i>Torpedo panthera</i>         |
| 50. | Leopard Whipray                                 | <i>Himantura leoparda</i>       |
| 51. | Lesser Devilray/<br>SmoothtailMobula            | <i>Mobulathurstoni</i>          |
| 52. | Lloyd's Electric Ray/ Soft<br>Sleeper Ray       | <i>Heteronarcemollis</i>        |
| 53. | Longhead Eagle Ray                              | <i>Aetobatus flagellum</i>      |
| 54. | Longtail Butterfly Ray                          | <i>Gymnurapoecilura</i>         |
| 55. | Marbled Electric Ray/ Gulf<br>Torpedo           | <i>Torpedo sinuspersici</i>     |
| 56. | Mottled Eagle Ray                               | <i>Aetomylaeus maculatus</i>    |
| 57. | Mud Skate/ Bowmouth<br>Guitarfish               | <i>Rhinaancylostoma</i>         |
| 58. | Narrow Cowtail Ray                              | <i>Pastinachusgracilicaudus</i> |
| 59. | Ocellate Whipray/ Honeycomb<br>Whipray          | <i>Himantura undulata</i>       |
| 60. | Ocellated Eagle Ray/ Spotted<br>Eagle Ray       | <i>Aetobatus ocellatus</i>      |
| 61. | Oman Numbfish                                   | <i>Narcineatzi</i>              |
| 62. | Pakistan Whipray                                | <i>Maculabatis arabica</i>      |
| 63. | Pelagic Stingray                                | <i>Pteroplatytrygonviolacea</i> |
| 64. | Pink Whipray                                    | <i>Pateobatisfai</i>            |
| 65. | Porcupine Ray                                   | <i>Urogymnusasperrimus</i>      |
| 66. | Prickly Skate                                   | <i>Fenestramamillidens</i>      |
| 67. | Pygmy Devilray/ Longhorned<br>Pygmy Devil Ray   | <i>Mobulaeregoodoo</i>          |
| 68. | Reticulate Eagle Ray/ Ornate<br>Eagle Ray       | <i>Aetomylaeusvespertilio</i>   |

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| 69.  | Reticulate Whipray/ Coach Whipray                   | <i>Himantura uarnak</i>          |
| 70.  | Reverse Skate                                       | <i>Amblyrajareversa</i>          |
| 71.  | Roughbelly Skate                                    | <i>Dipturus springeri</i>        |
| 72.  | Sharpnose Guitarfish                                | <i>Glaucostegus granulatus</i>   |
| 73.  | Shorttail Cownose Ray/ Oman Cownose Ray             | <i>Rhinoptera jakari</i>         |
| 74.  | Shorttail Whipray                                   | <i>Maculabatis bineeshi</i>      |
| 75.  | Sixgill Stingray                                    | <i>Hexatrygon bickelli</i>       |
| 76.  | Smalleye Stingray                                   | <i>Megatrygon microps</i>        |
| 77.  | Smoothback Guitarfish                               | <i>Rhinobatos lionotus</i>       |
| 78.  | Smoothnose Wedgefish                                | <i>Rhynchobatus laevis</i>       |
| 79.  | Spottail Sleeper Ray                                | <i>Narkedipterygia</i>           |
| 80.  | Stripenose Guitarfish                               | <i>Acroteriobatus variegatus</i> |
| 81.  | Tentacled Butterfly Ray                             | <i>Gymnura tentaculata</i>       |
| 82.  | Tonkin Numbfish                                     | <i>Narcine prodorsalis</i>       |
| 83.  | Travancore Skate                                    | <i>Dipturus johannis davisi</i>  |
| 84.  | Whitespotted Whipray                                | <i>Maculabatis gerrardi</i>      |
| 85.  | Whitetail Whipray/ Mangrove Whipray                 | <i>Urogymnus granulatus</i>      |
| 86.  | Widenose Guitarfish                                 | <i>Glaucostegus obtusus</i>      |
| 87.  | Zonetail Butterfly Ray                              | <i>Gymnura zonura</i>            |
|      | <b>SAWFISHES</b>                                    |                                  |
| 88.  | Green Sawfish                                       | <i>Pristis zijsron</i>           |
| 89.  | Knifetooth Sawfish/ Pointed Sawfish/ Narrow Sawfish | <i>Anoxypristiscus pidata</i>    |
| 90.  | Largetooth Sawfish                                  | <i>Pristis pristis</i>           |
| 91.  | Queensland Sawfish/ Dwarf Sawfish                   | <i>Pristis clavata</i>           |
|      | <b>SEAHORSES</b>                                    |                                  |
| 92.  | Great Seahorse                                      | <i>Hippocampus kelloggii</i>     |
| 93.  | Hedgehog Seahorse                                   | <i>Hippocampus spinosissimus</i> |
| 94.  | Spotted Seahorse                                    | <i>Hippocampus kuda</i>          |
| 95.  | Thorny Seahorse                                     | <i>Hippocampus histrix</i>       |
| 96.  | Three-spot Seahorse                                 | <i>Hippocampus trimaculatus</i>  |
|      | <b>SHARKS</b>                                       |                                  |
| 97.  | Arabian Carpetshark                                 | <i>Chiloscyllium arabicum</i>    |
| 98.  | Arabian Smoothhound                                 | <i>Mustelus mosis</i>            |
| 99.  | Atlantic Thresher/ Green Thresher                   | <i>Alopias vulpinus</i>          |
| 100. | Bigeye Houndshark                                   | <i>Iago omanensis</i>            |
| 101. | Bigeye Sand Tiger                                   | <i>Odontaspis noronhai</i>       |
| 102. | Bigeye Thresher Shark/ False Thresher               | <i>Alopias superciliosus</i>     |
| 103. | Blackspot Shark                                     | <i>Carcharhinus sealei</i>       |
| 104. | Blacktip Reef Shark                                 | <i>Carcharhinus melanopterus</i> |
| 105. | Blacktip Shark                                      | <i>Carcharhinus limbatus</i>     |
| 106. | Blue Shark  | <i>Prionace glauca</i>           |

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| 107. | Bluntnose Sixgill Shark                      | <i>Hexanchus griseus</i>             |
| 108. | Bramble Shark                                | <i>Echinorhinus brucus</i>           |
| 109. | Bristly Catshark                             | <i>Bythaelurus hispidus</i>          |
| 110. | Broadfin Shark                               | <i>Lamiopsistemminckii</i>           |
| 111. | Broadnose Catshark                           | <i>Apristurus investigatoris</i>     |
| 112. | Brownbanded Bambooshark/<br>Grey Carpetshark | <i>Chiloscyllium punctatum</i>       |
| 113. | Burmese Bambooshark                          | <i>Chiloscyllium burmense</i>        |
| 114. | Coral Catshark                               | <i>Atelomycterus marmoratus</i>      |
| 115. | Crocodile Shark                              | <i>Pseudocarcharias kamoharai</i>    |
| 116. | Dwarf Gulper Shark                           | <i>Centrophorus atromarginatus</i>   |
| 117. | Eastern Dwarf False Catshark                 | <i>Planonasmus indicus</i>           |
| 118. | Elfin Shark/ Goblin Shark                    | <i>Mitsukurina owstoni</i>           |
| 119. | Endeavour Dogfish                            | <i>Centrophorus moluccensis</i>      |
| 120. | Fossil Shark/ Snaggletooth<br>Shark          | <i>Hemipristis elongata</i>          |
| 121. | Fox Shark/ Smalltooth Thresher<br>Shark      | <i>Alopias pelagicus</i>             |
| 122. | Gangetic Shark                               | <i>Glyphis gangeticus</i>            |
| 123. | Golden Dogfish/ Longnose<br>Velvet Dogfish   | <i>Centroselachus crepidater</i>     |
| 124. | Graceful Shark                               | <i>Carcharhinus amblyrhynchoides</i> |
| 125. | Gray Reef Shark/ Grey Reef<br>Shark          | <i>Carcharhinus amblyrhynchus</i>    |
| 126. | Great Hammerhead                             | <i>Sphyrna mokarran</i>              |
| 127. | Great White Shark/ Smallfin<br>Gulper Shark  | <i>Carcharodon carcharias</i>        |
| 128. | Grey Bamboo Shark                            | <i>Chiloscyllium griseum</i>         |
| 129. | Grey Sharpnose Shark                         | <i>Rhizoprionodon oliginx</i>        |
| 130. | Gulper Shark                                 | <i>Centrophorus granulosus</i>       |
| 131. | Hooktooth Shark                              | <i>Chaenogaleus macrostoma</i>       |
| 132. | Indian Swellshark                            | <i>Cephaloscyllium silasi</i>        |
| 133. | Indonesian Bambooshark                       | <i>Chiloscyllium hasselti</i>        |
| 134. | Indonesian Houndshark                        | <i>Hemitriakis indroyonoi</i>        |
| 135. | Indonesian Shortnose Spurdog                 | <i>Squalus hemipinnis</i>            |
| 136. | Japanese Velvet Dogfish                      | <i>Scymnodon ichiharai</i>           |
| 137. | Java Shark/ Pigeye Shark                     | <i>Carcharhinus amboinensis</i>      |
| 138. | Knopp's Shark/ Bignose Shark                 | <i>Carcharhinus altimus</i>          |
| 139. | Longfin Mako                                 | <i>Isurus paucus</i>                 |
| 140. | Longnose Grey Shark/ Spinner<br>Shark        | <i>Carcharhinus brevipinna</i>       |
| 141. | Maclot's Shark/ Hardnose Shark               | <i>Carcharhinus macloti</i>          |
| 142. | Magnificent Catshark                         | <i>Proscyllium magnificum</i>        |
| 143. | Ornate Dogfish                               | <i>Centroscyllium ornatum</i>        |
| 144. | Pondicherry Shark/ Long-nosed<br>Shark       | <i>Carcharhinus hemiodon</i>         |
| 145. | Pygmy Ribbontail Catshark                    | <i>Eridacnis radcliffei</i>          |
| 146. | Quagga Catshark                              | <i>Halaaelurus quagga</i>            |

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| 147. | Ridge-backed Bambooshark/<br>Slender Bambooshark | <i>Chiloscyllium indicum</i>      |
| 148. | River Shark/ Bull Shark                          | <i>Carcharhinus leucas</i>        |
| 149. | RoughskinSpurdog                                 | <i>Cirrhigaleus asper</i>         |
| 150. | Sandbar Shark                                    | <i>Carcharhinus plumbeus</i>      |
| 151. | Scalloped Hammerhead                             | <i>Sphyrna lewini</i>             |
| 152. | SharpnoseSevengill Shark                         | <i>Heptranchiasperlo</i>          |
| 153. | Sharptooth Lemon Shark                           | <i>Negaprionacutidens</i>         |
| 154. | Shortfin Mako                                    | <i>Isurusoxyrinchus</i>           |
| 155. | Sickelfin Weasel Shark                           | <i>Hemigaleusmicrostoma</i>       |
| 156. | Silky Shark                                      | <i>Carcharhinus falciformis</i>   |
| 157. | Slender Dogshark/ Sliteye Shark                  | <i>Loxodonmacrorhinus</i>         |
| 158. | Slender Hammerhead/<br>Winghead Shark            | <i>Eusphyrablochii</i>            |
| 159. | Slender Weasel Shark                             | <i>Paragaleusrandalli</i>         |
| 160. | Smooth Hammerhead                                | <i>Sphyrna zygaena</i>            |
| 161. | Smooth Lanternshark                              | <i>Etmopteruspusillus</i>         |
| 162. | Southern Dogfish/ Little Gulper<br>Shark         | <i>Centrophorusuyato</i>          |
| 163. | Spadenose Shark                                  | <i>Scoliodonlaticaudus</i>        |
| 164. | Spottail Shark                                   | <i>Carcharhinus sorrah</i>        |
| 165. | Spotted Raggedtooth Shark/<br>Sand Tiger Shark   | <i>Carcharias taurus</i>          |
| 166. | Tawny Nurse Shark                                | <i>Nebriusferrugineus</i>         |
| 167. | Tiger Shark                                      | <i>Galeocerdo cuvier</i>          |
| 168. | Velvet Dogfish                                   | <i>Zameussquamulosus</i>          |
| 169. | Whale Shark                                      | <i>Rhincodon typus</i>            |
| 170. | White-eyed Shark/ Milk Shark                     | <i>Rhizoprionodonacutus</i>       |
| 171. | WhitespottedBambooshark                          | <i>Chiloscylliumplagiosum</i>     |
| 172. | Whitetip Oceanic Shark/ White-<br>tipped Shark   | <i>Carcharhinus longimanus</i>    |
| 173. | Whitetip Reef Shark                              | <i>Triaenodonobesus</i>           |
| 174. | Widemouth Blackspot Shark/<br>Whitecheek Shark   | <i>Carcharhinus dussumieri</i>    |
| 175. | Zebra Shark                                      | <i>Stegostomatigrinum</i>         |
|      | <b>CARPS</b>                                     |                                   |
| 176. | Golden Mahseer                                   | <i>Tor putitora</i>               |
| 177. | Haragi   | <i>Hypselobarbuspulchellus</i>    |
| 178. | The Bowany Barb                                  | <i>Barbodesbovanicus</i>          |
| 179. | The Hump-backed Mahseer                          | <i>Tor remadeviae</i>             |
|      | <b>LOACHES</b>                                   |                                   |
| 180. | Loach  | <i>Mesonoemacheilusherrei</i>     |
| 181. | Loach  | <i>Schisturapapulifera</i>        |
|      | <b>CATFISHES</b>                                 |                                   |
| 182. | Catfish  | <i>Glyptothoraxkudremukhensis</i> |
| 183. | Catfish  | <i>Glyptothoraxkashmirensis</i>   |
| 184. | Nilgirimystus                                    | <i>Hemibagrus punctatus</i>       |

## Part F: INSECTS

### BUTTERFLIES

| Sl. No. | Common Name                            | Scientific Name                    |
|---------|--|------------------------------------|
|         | Banded Apollo Butterfly                | <i>Parnassiusdelphius</i>          |
|         | Banded Duffer Butterfly                | <i>Discophora deo deo</i>          |
|         | Bhutan Glory Butterfly                 | <i>Bhutanitislidderdalii</i>       |
|         | Bhutan Treebrown Butterfly             | <i>Lethe margaritae</i>            |
|         | Black Windmill Butterfly               | <i>Byasa crassipes</i>             |
|         | Blue Baron Butterfly                   | <i>Euthaliatelchinia</i>           |
|         | Blue Begum Butterfly                   | <i>Prothoefranck regalis</i>       |
|         | Blue Duke Butterfly                    | <i>Euthaliadurga splendens</i>     |
|         | Blue Nawab Butterfly                   | <i>Polyuraschreiber</i>            |
|         | Blue Posy Butterfly                    | <i>Drupadiascaevacyara</i>         |
|         | Branded Yeoman Butterfly               | <i>Algiafasciata</i>               |
|         | Chestnut Rajah Butterfly               | <i>Charaxesdurnfordinicholii</i>   |
|         | Chinese Hairstreak Butterfly           | <i>Amblopalaavidiena</i>           |
|         | Common Clubtail Butterfly              | <i>Atrophaneura coon</i>           |
|         | Dark Wall Butterfly                    | <i>Lasiommatamenava</i>            |
|         | de Niceville's Windmill Butterfly      | <i>Atrophaneurapolla</i>           |
|         | Eastern Courtier Butterfly             | <i>Sephisachandra</i>              |
|         | Empress Butterfly                      | <i>Sasakiafunebria</i>             |
|         | Freak Butterfly                        | <i>Calinaga buddha</i>             |
|         | Golden Emperor Butterfly               | <i>Dilipamorgiana</i>              |
|         | Grand Duke Butterfly                   | <i>Euthaliaiva</i>                 |
|         | Green Banded White Butterfly           | <i>Pieris krueperidevta</i>        |
|         | Hannington Apollo Butterfly            | <i>Parnassiushanningtoni</i>       |
|         | HockeystickSailer Butterfly            | <i>Neptisnycteus</i>               |
|         | Imperial Apollo Butterfly              | <i>Parnassius imperator</i>        |
|         | Kaiser-i-Hind                          | <i>Teinopalpusimperialis</i>       |
|         | Krishna Peacock Butterfly              | <i>Papiliokrishna</i>              |
|         | Ladakh Banded Apollo Butterfly         | <i>Parnassiusstoliczkanus</i>      |
|         | Ludlow Bhutan Glory Butterfly          | <i>Bhutanitisludlowi</i>           |
|         | Malabar Banded Swallowtail Butterfly   | <i>Papilioliomedon</i>             |
|         | Malayan Nawab Butterfly                | <i>Polyura moori sandakana</i>     |
|         | Naga Duke Butterfly                    | <i>Euthaliacurvifascia</i>         |
|         | Nevill's Windmill Butterfly            | <i>Byasanevilli</i>                |
|         | Northern Junglequeen Butterfly         | <i>Stichopthalmacamideva</i>       |
|         | Pale Jezebel Butterfly                 | <i>Deliassanaca</i>                |
|         | Peal's Palmfly Butterfly               | <i>Elymniaspeali</i>               |
|         | Pemberton's Chinese Windmill Butterfly | <i>Byasaplutioniuspembertoni</i>   |
|         | Pointed Palmfly Butterfly              | <i>Elymniaspenaga</i>              |
|         | Scarce Blue Tiger Butterfly            | <i>Tirumala gautamagautamoides</i> |



|                                    |                                 |
|------------------------------------|---------------------------------|
| . Scarce Catseye Butterfly         | <i>Coelitesnothis</i>           |
| . Scarce Jester Butterfly          | <i>Symbrenthiasilana</i>        |
| . Scarce Red Forester Butterfly    | <i>Lethe distans</i>            |
| . Scarce Siren Butterfly           | <i>Hestinanicevillei</i>        |
| . Scarce White Comodore Butterfly  | <i>Sumaliazulema</i>            |
| . Single Silverstripe Butterfly    | <i>Lethe ramadeva</i>           |
| . Spotted Black Crow Butterfly     | <i>Euploeacramerinicevillei</i> |
| . Tawny Emperor Butterfly          | <i>Chitoriaulupiulupi</i>       |
| . Tytler's Emperor Butterfly       | <i>Eulaceuramanipurensis</i>    |
| . Tytler's Treebrown Butterfly     | <i>Lethe gemina</i>             |
| . Varnished Apollo Butterfly       | <i>Parnassiusacco</i>           |
| . White Emperor Butterfly          | <i>Helcyrahemina</i>            |
| . Yellow-crested Spangle Butterfly | <i>Papilioelephenor</i>         |

### Part G: CRABS

| Sl. No. | Common Name                 | Scientific Name                    |
|---------|-----------------------------|------------------------------------|
| .       | Coconut Crab, Robber Crab   | <i>Birgus latro</i>                |
| .       | Indo-Pacific Horseshoe Crab | <i>Tachypleus gigas</i>            |
| .       | Mangrove Horseshoe Crab     | <i>Carcinoscorpiusrotundicauda</i> |

### Part H: CORALS

| Sl. No. | Common Name                | Scientific Name   |
|---------|----------------------------|---|
| .       | Blue Corals                | <b>All species of Octocorolians of the Order and Family</b><br><b>Order Helioporacea: Families</b> Aulopsammiidae, Helioporidae, Lithotelestidae  |
| .       | Sea Pens                   | <b>Order Pennatulacea: Families</b> Anthoptilidae, Chunellidae, Echinoptilidae, Funiculinidae, Kophobelemnidae, Protoptilidae, Pseudumbellulidae, Renillidae, Scleroptilidae, Stachyptilidae, Umbellulidae, Veretillidae, Balticinidae, Pennatulidae, Virgulariidae |
| .       | Soft Corals and Gorgonians | <b>Order Alcyonacea: Families</b> Acanthoaxiidae, Chelidonisididae, Parasphaerascleridae, Nephtheidae, Alcyoniidae, Clavulariidae, Xeniidae, Cornulariidae, Subergorgiidae, Pleaxauridae, Ellisellidae, Melithaeidae, Briareidae                                    |
| .       | Black Corals               | <b>All species of Hexacorallians of the Order and Family</b><br><b>Order Antipatharia: Families</b> Antipathidae, Aphanipathidae, Cladopathidae, Leiopathidae, Myriopathidae, Schizopathidae, Stylopathidae   |
| .       | False Corals               | <b>Order Corallimorpharia</b>   |

|                        |  |
|------------------------|--|
| Sea Anemones           | <b>Order Actiniaria: Families</b> Actinernidae, Halcuriidae, Edwardsiidae                                    |
| Stony Corals           | <b>Order Scleractinia</b>  |
| Zoanthids              | <b>Order Zooantharia</b>   |
|                        | <b>All species of Ceriantharians of the Order and Family</b>   |
| Tube-dwelling Anemones | <b>Order Penicillaria: Families</b> Pennatulidae, Anthoptilidae, Scleroptilidae, Halipteridae, Protoptilidae |
| Tube-dwelling Anemones | <b>Order Spirularia</b>  |

## Part I: MOLLUSCA

| Sl. No. | Common Name                                      | Scientific Name            |
|---------|--|----------------------------|
|         | <b>CLAMS</b>                                     |                            |
| 1       | Fluted Giant Clam, Scaly Clam                    | <i>Tridacna squamosa</i>   |
| 2       | Horse Hoof Clam, Strawberry Clam                 | <i>HippopusHippopus</i>    |
| 3       | Small Giant Clam                                 | <i>Tridacna maxima</i>     |
|         | <b>CONE</b>                                      |                            |
| 4       | Glory of India                                   | <i>Conus milneedwardsi</i> |
|         | <b>HELMET SHELL</b>                              |                            |
| 5       | Horned Helmet                                    | <i>Cassis cornuta</i>      |
|         | <b>NAUTILUS</b>                                  |                            |
| 6       | Pearly Nautilus                                  | <i>Nautilus pompilius</i>  |
|         | <b>SHELL</b>                                     |                            |
| 7       | Bullmouth Shell/ Red Helmet Shell                | <i>Cypraecassisrufa</i>    |
|         | <b>SPIRAL</b>                                    |                            |
| 8       | Spiral Tudicla                                   | <i>Tudiclaspirillus</i>    |
|         | <b>TRUMPET</b>                                   |                            |
| 9       | Triton's Trumpet/ Giant Triton                   | <i>Charoniatritonis</i>    |
|         | <b>TURBAN</b>                                    |                            |
| 10      | Green Turban/ Marbled Turban/ Great Green Rurban | <i>Turbo marmoratus</i>    |

## Part J: HOLOTHURIANS

**All species of Sea Cucumbers of the Phylum Echinodermata and Class Holothuroidea**

## SCHEDULE II

### Part A: MAMMALS

| Sl. No. | Common Name   | Scientific Name                  |
|---------|---|----------------------------------|
|         | <b>ANTELOPE</b>                                       |                                  |
| 1.      | Nilgai  | <i>Boselaphustragocamelus</i>    |
|         | <b>BADGERS</b>  |                                  |
| 2.      | Honey Badger/ Ratel                                   | <i>Mellivora capensis</i>        |
| 3.      | Large-toothed Ferret Badger/<br>Burmese Ferret Badger | <i>Melogalepersonata</i>         |
| 4.      | Small-toothed Ferret Badger/<br>Chinese Ferret Badger | <i>Melogalemoschata</i>          |
|         | <b>BATS</b>   |                                  |
| 5.      | Durga Das's Leaf-nosed Bat                            | <i>Hipposiderosdurgadasi</i>     |
| 6.      | Indian Flying Fox                                     | <i>Pteropus giganteus</i>        |
|         | <b>CANIDS</b>   |                                  |
| 7.      | Golden Jackal   | <i>Canis aureus</i>              |
| 8.      | Red Fox/ Desert Fox                                   | <i>Vulpes vulpes</i>             |
|         | <b>CAPRINES</b>                                       |                                  |
| 9.      | Bharal/ Blue Sheep                                    | <i>Pseudoisnayaur</i>            |
|         | <b>CIVETS</b>   |                                  |
| 10.     | Brown Palm Civet                                      | <i>Paradoxurus jerdoni</i>       |
| 11.     | Masked Palm Civet/<br>Himalayan Palm Civet            | <i>Pagumalarvata</i>             |
| 12.     | Small-toothed Palm Civet                              | <i>Arctogalidiatrivirgata</i>    |
|         | <b>DEER</b>   |                                  |
| 13.     | Chital/ Spotted Deer                                  | <i>Axis axis</i>                 |
| 14.     | Northern Red Muntjac/<br>Barking Deer                 | <i>Muntiacus vaginalis</i>       |
| 15.     | Sambar  | <i>Rusa unicolor</i>             |
|         | <b>HARES</b>  |                                  |
| 16.     | Desert Hare   | <i>Lepus tibetanus</i>           |
| 17.     | Indian Hare   | <i>Lepus nigricollis</i>         |
| 18.     | Woolly Hare   | <i>Lepus oiostolus</i>           |
|         | <b>LINSANG</b>  |                                  |
| 19.     | Spotted Linsang                                       | <i>Prionodonpardicolor</i>       |
|         | <b>PRIMATES</b>                                       |                                  |
| 20.     | Assamese Macaque                                      | <i>Macaca assamensis</i>         |
| 21.     | Bengal Hanuman Langur/<br>Northern Plains Gray Langur | <i>Semnopithecus entellus</i>    |
| 22.     | Bonnet Macaque  | <i>Macaca radiata</i>            |
| 23.     | Black-footed Gray Langur                              | <i>Semnopithecus hypoleucos</i>  |
| 24.     | Nepal Gray Langur                                     | <i>Semnopithecus schistaceus</i> |
| 25.     | Terai Gray Langur                                     | <i>Semnopithecus hector</i>      |
| 26.     | Tufted Gray Langur                                    | <i>Semnopithecus priam</i>       |

|     |  |                                |
|-----|--|--------------------------------|
|     | <b>MARTENS</b>                                     |                                |
| 27. | Nilgiri Marten                                     | <i>Martes gwatkinsii</i>       |
| 28. | Stone Marten/ Beech Marten                         | <i>Martes foina</i>            |
| 29. | Yellow-throated Marten                             | <i>Martes flavigula</i>        |
|     | <b>MONGOOSES</b>                                   |                                |
| 30. | Crab-eating Mongoose                               | <i>Herpestes urva</i>          |
| 31. | Indian Brown Mongoose                              | <i>Herpestes fuscus</i>        |
| 32. | Indian Grey Mongoose                               | <i>Herpestes edwardsii</i>     |
| 33. | Javan Mongoose                                     | <i>Herpestes javanicus</i>     |
| 34. | Ruddy Mongoose                                     | <i>Herpestes smithii</i>       |
| 35. | Small Indian Mongoose                              | <i>Herpestes auropunctatus</i> |
| 36. | Stripe-necked Mongoose                             | <i>Herpestes vitticollis</i>   |
|     | <b>PIG</b>   |                                |
| 37. | Wild Pig/Wild bore                                 | <i>Sus scrofa</i>              |
|     | <b>PIKA</b>  |                                |
| 38. | Royle's Pika                                       | <i>Ochotona roylei</i>         |
|     | <b>SHREWS</b>                                      |                                |
| 39. | Andaman Spiny Shrew                                | <i>Crocidura hispida</i>       |
|     | <b>SQUIRREL</b>                                    |                                |
| 40. | Northern Palm Squirrel/ Five-Striped Palm Squirrel | <i>Funambulus pennantii</i>    |
| 41. | Orange-bellied Himalayan Squirrel                  | <i>Dremomys lokriah</i>        |
|     | <b>TREE MICE</b>                                   |                                |
| 42. | Spiny Tree Mouse                                   | <i>Platacanthomys lasiurus</i> |
|     | <b>OTHER RODENTS</b>                               |                                |
| 43. | Andaman Rat  | <i>Rattus stoicus</i>          |
| 44. | Sahyadris Forest Rat                               | <i>Rattus satarae</i>          |
| 45. | Zebebor's Nicobar Rat                              | <i>Rattus palmarum</i>         |
|     | <b>WEASELS</b>                                     |                                |
| 46. | Altai Weasel/ Mountain Weasel                      | <i>Mustela altaica</i>         |
| 47. | Siberian Weasel                                    | <i>Mustela sibirica</i>        |
| 48. | Stoat/ Ermine/ Short-tailed Weasel                 | <i>Mustela erminea</i>         |
| 49. | Yellow-bellied Weasel                              | <i>Mustela kathiah</i>         |

## Part B: BIRDS

| Sl. No. | Common Name             | Scientific Name             |
|---------|-------------------------|-----------------------------|
|         | <b>ACCENTORS</b>        |                             |
| 1.      | Alpine Accentor         | <i>Prunella collaris</i>    |
| 2.      | Altai Accentor          | <i>Prunella himalayana</i>  |
| 3.      | Black-throated Accentor | <i>Prunella atrogularis</i> |
| 4.      | Brown Accentor          | <i>Prunella fulvescens</i>  |

|                                   |                                |                                |
|-----------------------------------|--------------------------------|--------------------------------|
| 5.                                | Maroon-backed Accentor         | <i>Prunella immaculata</i>     |
| 6.                                | Robin Accentor                 | <i>Prunella rubeculoides</i>   |
| 7.                                | Rufous-breasted Accentor       | <i>Prunella strophhiata</i>    |
| <b>SOUTHERN STORM-PETRELS</b>     |                                |                                |
| 8.                                | Black-bellied Storm-petrel     | <i>Fregettatropica</i>         |
| 9.                                | White-faced Storm-petrel       | <i>Pelagodroma marina</i>      |
| 10.                               | Wilson's Storm-petrel          | <i>Oceanites oceanicus</i>     |
| <b>BARBETS</b>                    |                                |                                |
| 11.                               | Blue-eared Barbet              | <i>Psilopogonduvaucelii</i>    |
| 12.                               | Blue-throated Barbet           | <i>Psilopogon asiaticus</i>    |
| 13.                               | Brown-headed Barbet            | <i>Psilopogonzeylanicus</i>    |
| 14.                               | Coppersmith Barbet             | <i>Psilopogonhaemacephalus</i> |
| 15.                               | Golden-throated Barbet         | <i>Psilopogonfranklinii</i>    |
| 16.                               | Great Barbet                   | <i>Psilopogon virens</i>       |
| 17.                               | Lineated Barbet                | <i>Psilopogonlineatus</i>      |
| 18.                               | Malabar Barbet                 | <i>Psilopogonmalabaricus</i>   |
| 19.                               | White-cheeked Barbet           | <i>Psilopogonviridis</i>       |
| <b>BARN OWLS</b>                  |                                |                                |
| 20.                               | Eastern Grass Owl              | <i>Tyto longimembris</i>       |
| 21.                               | Oriental Bay Owl               | <i>Phodilus badius</i>         |
| 22.                               | Sri Lanka Bay Owl              | <i>Phodilus assimilis</i>      |
| <b>BEE-EATERS</b>                 |                                |                                |
| 23.                               | Blue-bearded Bee-eater         | <i>Nyctyornisathertoni</i>     |
| 24.                               | Blue-cheeked Bee-eater         | <i>Merops persicus</i>         |
| 25.                               | Blue-tailed Bee-eater          | <i>Merops philippinus</i>      |
| 26.                               | Blue-throated Bee-eater        | <i>Merops viridis</i>          |
| 27.                               | Chestnut-headed Bee-eater      | <i>Merops leschenaulti</i>     |
| 28.                               | European Bee-eater             | <i>Merops apiaster</i>         |
| 29.                               | Green Bee-eater                | <i>Merops orientalis</i>       |
| <b>BITTERN, HERONS AND EGRETS</b> |                                |                                |
| 30.                               | Black Bittern                  | <i>Ixobrychus flavicollis</i>  |
| 31.                               | Black-crowned Night Heron      | <i>Nycticorax nycticorax</i>   |
| 32.                               | Cattle Egret                   | <i>Bubulcus ibis</i>           |
| 33.                               | Chinese Egret                  | <i>Egretta eulophotes</i>      |
| 34.                               | Chinese Pond Heron             | <i>Ardeola bacchus</i>         |
| 35.                               | Cinnamon Bittern               | <i>Ixobrychus cinnamomeus</i>  |
| 36.                               | Goliath Heron                  | <i>Ardea goliath</i>           |
| 37.                               | Great Bittern/Eurasian Bittern | <i>Botaurus stellaris</i>      |
| 38.                               | Great Egret                    | <i>Ardea alba</i>              |
| 39.                               | Grey Heron                     | <i>Ardea cinerea</i>           |
| 40.                               | Indian Pond Heron              | <i>Ardeola grayii</i>          |
| 41.                               | Intermediate Egret             | <i>Ardea intermedia</i>        |
| 42.                               | Javan Pond Heron               | <i>Ardeola speciosa</i>        |
| 43.                               | Little Bittern                 | <i>Ixobrychus minutus</i>      |
| 44.                               | Little Egret                   | <i>Egretta garzetta</i>        |
| 45.                               | Malayan Night-heron            | <i>Gorsachius melanolophus</i> |

|     |   |                                     |
|-----|---|-------------------------------------|
| 46. | Pacific Reef-egret                      | <i>Egretta sacra</i>                |
| 47. | Purple Heron                            | <i>Ardea purpurea</i>               |
| 48. | Striated Heron                          | <i>Butorides striata</i>            |
| 49. | Western Reef-egret                      | <i>Egretta regularis</i>            |
| 50. | Yellow Bittern                          | <i>Ixobrychus sinensis</i>          |
|     | <b>NORTHERN STORM-PETRELS</b>           |                                     |
| 51. | Swinhoe's Storm-petrel                  | <i>Hydrobates monorhis</i>          |
|     | <b>BROADBILLS</b>                       |                                     |
| 52. | Long-tailed Broadbill                   | <i>Psarisomus dalhousiae</i>        |
| 53. | Silver-breasted Broadbill               | <i>Serilophus lunatus</i>           |
|     | <b>BULBULS</b>                          |                                     |
| 54. | Andaman Bulbul                          | <i>Brachypodius fuscoflavescens</i> |
| 55. | Ashy Bulbul                             | <i>Hemixosflavala</i>               |
| 56. | Black Bulbul                            | <i>Hypsipetes leucocephalus</i>     |
| 57. | Black-crested Bulbul                    | <i>Rubigula flaviventris</i>        |
| 58. | Black-headed Bulbul                     | <i>Brachypodius melanocephalus</i>  |
| 59. | Cachar Bulbul                           | <i>Iolecacharens</i>                |
| 60. | Crested Finchbill                       | <i>Spizixos canifrons</i>           |
| 61. | Flame-throated Bulbul                   | <i>Rubigula gularis</i>             |
| 62. | Flavescent Bulbul                       | <i>Pycnonotus flavescens</i>        |
| 63. | Grey-headed Bulbul                      | <i>Brachypodius priocephalus</i>    |
| 64. | Himalayan Bulbul                        | <i>Pycnonotus leucogenys</i>        |
| 65. | Mountain Bulbul                         | <i>Ixos mecllellandii</i>           |
| 66. | Nicobar Bulbul                          | <i>Ixos nicobariensis</i>           |
| 67. | Red-vented Bulbul                       | <i>Pycnonotus cafer</i>             |
| 68. | Red-whiskered Bulbul                    | <i>Pycnonotus jocosus</i>           |
| 69. | Square-tailed Bulbul                    | <i>Hypsipetes ganeesa</i>           |
| 70. | Striated Bulbul                         | <i>Alcurus striatus</i>             |
| 71. | White-browed Bulbul                     | <i>Pycnonotus luteolus</i>          |
| 72. | White-eared Bulbul                      | <i>Pycnonotus leucotis</i>          |
| 73. | White-throated Bulbul                   | <i>Alophoixus flaveolus</i>         |
| 74. | Yellow-browed Bulbul                    | <i>Acritillas indica</i>            |
| 75. | Yellow-throated Bulbul                  | <i>Pycnonotus xantholaemus</i>      |
|     | <b>BUNTINGS</b>                         |                                     |
| 76. | Black-faced Bunting                     | <i>Emberiza spodocephala</i>        |
| 77. | Black-headed Bunting                    | <i>Emberiza melanocephala</i>       |
| 78. | Chestnut Bunting                        | <i>Emberiza rutila</i>              |
| 79. | Chestnut-eared Bunting/Chestnut Bunting | <i>Emberiza fucata</i>              |
| 80. | Crested Bunting                         | <i>Emberiza lathami</i>             |
| 81. | Common Reed Bunting                     | <i>Emberiza schoeniclus</i>         |
| 82. | Godlewski's Bunting                     | <i>Emberiza godlewskii</i>          |
| 83. | Grey-necked Bunting                     | <i>Emberiza buehneri</i>            |
| 84. | Little Bunting                          | <i>Emberiza pusilla</i>             |
| 85. | Ortolan Bunting                         | <i>Emberiza hortulana</i>           |
| 86. | Pine Bunting                            | <i>Emberiza leucocephala</i>        |
| 87. | Red-headed Bunting                      | <i>Emberiza bruniceps</i>           |

|      |  |                                 |
|------|--|---------------------------------|
| 88.  | Rock Bunting                           | <i>Emberizacia</i>              |
| 89.  | Rustic Bunting                         | <i>Emberizarustica</i>          |
| 90.  | Striolated Bunting                     | <i>Emberizastriolata</i>        |
| 91.  | Tristram's Bunting                     | <i>Emberizatristrami</i>        |
| 92.  | White-capped Bunting                   | <i>Emberizastewarti</i>         |
| 93.  | Yellow-browed Bunting                  | <i>Emberizachrysophrys</i>      |
| 94.  | Yellowhammer                           | <i>Emberizacitrinella</i>       |
|      | <b>BUTTONQUAILS</b>                    |                                 |
| 95.  | Barred Buttonquail                     | <i>Turnixsuscitator</i>         |
| 96.  | Common or Small Buttonquail            | <i>Turnixsylvaticus</i>         |
| 97.  | Yellow-legged Buttonquail              | <i>Turnixtanki</i>              |
|      | <b>CANARY-FLYCATCHERS AND ALLIES</b>   |                                 |
| 98.  | Grey-headed Canary-flycatcher          | <i>Culicicapaceylonensis</i>    |
| 99.  | Yellow-bellied Fairy-fantail           | <i>Chelidorhynxhyloxanthus</i>  |
|      | <b>CETTIA WARBLERS AND ALLIES</b>      |                                 |
| 100. | Aberrant Bush-warbler                  | <i>Horornisflavolivaceus</i>    |
| 101. | Asian Stubtail                         | <i>Urosphenasquameiceps</i>     |
| 102. | Black-faced Warbler                    | <i>Abroscopus schisticeps</i>   |
| 103. | Broad-billed Warbler                   | <i>Tickelliahodgsoni</i>        |
| 104. | Brownish-flanked Bush-warbler          | <i>Horornisfortipes</i>         |
| 105. | Cetti's Warbler                        | <i>Cettiacetti</i>              |
| 106. | Chestnut-crowned Bush-warbler          | <i>Cettia major</i>             |
| 107. | Chestnut-headed Tesia                  | <i>Cettiacastaneocoronata</i>   |
| 108. | Grey-bellied Tesia                     | <i>Tesiacyaniventer</i>         |
| 109. | Grey-sided Bush Warbler                | <i>Cettiabrunnifrons</i>        |
| 110. | Hume's Bush Warbler                    | <i>Horornisbrunnescens</i>      |
| 111. | Manchurian or Korean Bush-warbler      | <i>Hororniscanturians</i>       |
| 112. | Mountain Tailorbird                    | <i>Phyllergatescucullatus</i>   |
| 113. | Pale-footed Bush-warbler               | <i>Urosphenapallidipes</i>      |
| 114. | Rufous-faced Warbler                   | <i>Abroscopusalbogularis</i>    |
| 115. | Slaty-bellied Tesia                    | <i>Tesiaolivea</i>              |
| 116. | Yellow-bellied Warbler                 | <i>Abroscopus superciliaris</i> |
|      | <b>CISTICOLAS, PRINIAS, AND ALLIES</b> |                                 |
| 117. | Ashy Prinia                            | <i>Priniasocialis</i>           |
| 118. | Black-throated Prinia                  | <i>Priniaatrogularis</i>        |
| 119. | Common Tailorbird                      | <i>Orthotomussutorius</i>       |
| 120. | Dark-necked Tailorbird                 | <i>Orthotomusatrogularis</i>    |
| 121. | Golden-headed Cisticola                | <i>Cisticola exilis</i>         |
| 122. | Graceful Prinia                        | <i>Priniagracilis</i>           |
| 123. | Grey-breasted Prinia                   | <i>Priniahodgsonii</i>          |
| 124. | Hill Prinia                            | <i>Priniasuperciliaris</i>      |
| 125. | Jungle Prinia                          | <i>Prinia sylvatica</i>         |
| 126. | Plain Prinia                           | <i>Prinia inornata</i>          |
| 127. | Rufescent Prinia                       | <i>Priniarufescens</i>          |
| 128. | Rufous-fronted Prinia                  | <i>Prinia buehleri</i>          |
| 129. | Striated Prinia                        | <i>Prinia crinigera</i>         |

|      |                                    |                                    |
|------|------------------------------------|------------------------------------|
| 130. | Yellow-bellied Prinia              | <i>Priniaflaviventris</i>          |
| 131. | Zitting Cisticola                  | <i>Cisticola juncidis</i>          |
|      | <b>CORMORANTS</b>                  |                                    |
| 132. | Great Cormorant                    | <i>Phalacrocorax carbo</i>         |
| 133. | Indian Cormorant                   | <i>Phalacrocorax fuscicollis</i>   |
| 134. | Little Cormorant                   | <i>Microcarboniger</i>             |
|      | <b>COURSERS AND PRATINCOLES</b>    |                                    |
| 135. | Collared Pratincole                | <i>Glareolapratincola</i>          |
| 136. | Cream-coloured Courser             | <i>Cursorius cursor</i>            |
| 137. | Oriental Pratincole                | <i>Glareolamaldivarum</i>          |
| 138. | Small Pratincole/Little Pratincole | <i>Glareolalactea</i>              |
|      | <b>CRAB-PLOVER</b>                 |                                    |
| 139. | Crab-plover                        | <i>Dromasardeola</i>               |
|      | <b>CROWS AND ALLIES</b>            |                                    |
| 140. | Andaman Treepie                    | <i>Dendrocittabayleii</i>          |
| 141. | Black-headed Jay                   | <i>Garrulus lanceolatus</i>        |
| 142. | Carrion Crow                       | <i>Corvus corone</i>               |
| 143. | Collared Treepie                   | <i>Dendrocitta frontalis</i>       |
| 144. | Common Green Magpie                | <i>Cissa chinensis</i>             |
| 145. | Common Raven                       | <i>Corvus corax</i>                |
| 146. | Eurasian Jackdaw                   | <i>Corvus monedula</i>             |
| 147. | Eurasian Jay                       | <i>Garrulus glandarius</i>         |
| 148. | Eurasian Magpie                    | <i>Pica pica</i>                   |
| 149. | Grey Treepie                       | <i>Dendrocittaformosae</i>         |
| 150. | Hooded Crow                        | <i>Corvus cornix</i>               |
| 151. | Large-billed Crow                  | <i>Corvus macrorhynchos</i>        |
| 152. | Large-spotted Nutcracker           | <i>Nucifragamultipunctata</i>      |
| 153. | Pied Crow                          | <i>Corvus albus</i>                |
| 154. | Red-billed Blue Magpie             | <i>Urocissaerythroryncha</i>       |
| 155. | Red-billed Chough                  | <i>Pyrrhacoraxpyrrhacorax</i>      |
| 156. | Rook                               | <i>Corvus frugilegus</i>           |
| 157. | Rufous Treepie                     | <i>Dendrocittavagabunda</i>        |
| 158. | Spotted Nutcracker                 | <i>Nucifragacaryocatactes</i>      |
| 159. | White-bellied Treepie              | <i>Dendrocittaleucogastra</i>      |
| 160. | Yellow-billed Blue Magpie          | <i>Urocissaflavirostris</i>        |
| 161. | Yellow-billed Chough               | <i>Pyrrhacoraxgraculus</i>         |
|      | <b>CUCKOOS</b>                     |                                    |
| 162. | Andaman Coucal                     | <i>Centropusandamanensis</i>       |
| 163. | Asian Emerald Cuckoo               | <i>Chrysococcyx maculatus</i>      |
| 164. | Asian Koel/Western Koel            | <i>Eudynamysscolopaceus</i>        |
| 165. | Banded Bay Cuckoo                  | <i>Cacomantissonneratii</i>        |
| 166. | Blue-faced Malkoha                 | <i>Phaenicophaeusviridirostris</i> |
| 167. | Chestnut-winged Cuckoo             | <i>Clamatorcoromandus</i>          |
| 168. | Common Cuckoo                      | <i>Cuculuscanorus</i>              |
| 169. | Common Hawk-cuckoo                 | <i>Hierococcyxvarius</i>           |
| 170. | Fork-tailed Drongo-cuckoo          | <i>Surniculudicruroides</i>        |



|   |                                  |
|---|----------------------------------|
| 171. Greater Coucal                       | <i>Centropus sinensis</i>        |
| 172. Green-billed Malkoha                 | <i>Phaenicophaeus tristis</i>    |
| 173. Grey-bellied Cuckoo                  | <i>Cacomantispasserinus</i>      |
| 174. Hodgson's or Whistling Hawk Cuckoo   | <i>Hierococyxnisicolor</i>       |
| 175. Horsfield's Bronze Cuckoo            | <i>Chalcites basalis</i>         |
| 176. Indian Cuckoo                        | <i>Cuculusmicropterus</i>        |
| 177. Jacobin Cuckoo/Pied Cuckoo           | <i>Clamatorjacobinus</i>         |
| 178. Large Hawk-cuckoo                    | <i>Hierococyxsparverioides</i>   |
| 179. Lesser Coucal                        | <i>Centropus bengalensis</i>     |
| 180. Lesser Cuckoo                        | <i>Cuculuspoliocephalus</i>      |
| 181. Oriental Cuckoo/Himalayan Cuckoo     | <i>Cuculusoptatus</i>            |
| 182. Plaintive Cuckoo                     | <i>Cacomantismerulinus</i>       |
| 183. Sirkeer Malkoha                      | <i>Taccocualeschenaultii</i>     |
| 184. Square-tailed Drongo-cuckoo          | <i>Surniculslugubris</i>         |
| 185. Violet Cuckoo                        | <i>Chrysococyxxanthorhynchus</i> |
| <b>DARTERS</b>                            |                                  |
| 186. Oriental Darter                      | <i>Anhinga melanogaster</i>      |
| <b>DIPPERS</b>                            |                                  |
| 187. Brown Dipper                         | <i>Cincluspallasii</i>           |
| 188. White-throated Dipper                | <i>Cincluscinclus</i>            |
| <b>DIVERS</b>                             |                                  |
| 189. Arctic Loon/Black-throated Diver     | <i>Gaviaarctica</i>              |
| 190. Red-throated Diver/Red-throated Loon | <i>Gaviastellata</i>             |
| <b>DRONGOS</b>                            |                                  |
| 191. Andaman Drongo                       | <i>Dicrurusandamanensis</i>      |
| 192. Ashy Drongo                          | <i>Dicrurusleucophaeus</i>       |
| 193. Bronzed Drongo                       | <i>Dicrurus aeneus</i>           |
| 194. Crow-billed Drongo                   | <i>Dicrurusannectens</i>         |
| 195. Greater Racquet-tailed Drongo        | <i>Dicrurusparadiseus</i>        |
| 196. Hair-crested Drongo                  | <i>Dicrurushottentottus</i>      |
| 197. Lesser Raaquet-tailed Drongo         | <i>Dicrurusremifer</i>           |
| 198. White-bellied Drongo                 | <i>Dicruruscaerulescens</i>      |
| <b>DUCKS, GEESE, AND SWANS</b>            |                                  |
| 199. Baikal Teal                          | <i>Sibirionettaformosa</i>       |
| 200. Bar-headed Goose                     | <i>Anser indicus</i>             |
| 201. Bean Goose                           | <i>Anserfabalis</i>              |
| 202. Common Goldeneye                     | <i>Bucephala clangula</i>        |
| 203. Common Merganser                     | <i>Mergus merganser</i>          |
| 204. Common Shelduck                      | <i>Tadornatadorna</i>            |
| 205. Common Teal                          | <i>Anas crecca</i>               |
| 206. Cotton Pygmy Goose                   | <i>Nettapuscoromandelianus</i>   |
| 207. Eastern Spot-billed Duck             | <i>Anas zonorhyncha</i>          |
| 208. Eurasian Wigeon                      | <i>Marecapenelope</i>            |
| 209. Falcated Duck                        | <i>Mareca falcata</i>            |
| 210. Ferruginous Duck                     | <i>Aythya nyroca</i>             |
| 211. Gadwall                              | <i>Mareca strepera</i>           |

|      |                             |                                 |
|------|-----------------------------|---------------------------------|
| 212. | Garganey                    | <i>Spatula querquedula</i>      |
| 213. | Greater Scaup               | <i>Aythya marila</i>            |
| 214. | Greater White-fronted Goose | <i>Anser albifrons</i>          |
| 215. | Greylag Goose               | <i>Anser anser</i>              |
| 216. | Indian Spot-billed Duck     | <i>Anas poecilorhyncha</i>      |
| 217. | Knob-billed Duck            | <i>Sarkidiornis melanotos</i>   |
| 218. | Lesser Whistling Duck       | <i>Dendrocygnajavanica</i>      |
| 219. | Lesser White-fronted Goose  | <i>Anser erythropus</i>         |
| 220. | Long-tailed Duck            | <i>Clangula hyemalis</i>        |
| 221. | Mallard                     | <i>Anas platyrhynchos</i>       |
| 222. | Mandarin Duck               | <i>Aix galericulata</i>         |
| 223. | Mute Swan                   | <i>Cygnus olor</i>              |
| 224. | Northern Pintail            | <i>Anas acuta</i>               |
| 225. | Northern Shoveler           | <i>Spatula clypeata</i>         |
| 226. | Red-breasted Goose          | <i>Branta ruficollis</i>        |
| 227. | Red-breasted Merganser      | <i>Mergus serrator</i>          |
| 228. | Red-crested Pochard         | <i>Nettion rufina</i>           |
| 229. | Ruddy Shelduck              | <i>Tadorna ferruginea</i>       |
| 230. | Smew                        | <i>Mergellus albellus</i>       |
| 231. | Tufted Duck                 | <i>Aythya fuligula</i>          |
| 232. | Tundra Swan                 | <i>Cygnus columbianus</i>       |
| 233. | Whooper Swan                | <i>Cygnus cygnus</i>            |
|      | <b>ELACHURA</b>             |                                 |
| 234. | Spotted Elachura            | <i>Elachura formosa</i>         |
|      | <b>FAIRY-BLUEBIRDS</b>      |                                 |
| 235. | Asian Fairy-bluebird        | <i>Irena puella</i>             |
|      | <b>FALCONS</b>              |                                 |
| 236. | Amur Falcon                 | <i>Falco amurensis</i>          |
| 237. | Collared Falconet           | <i>Microhierax caerulescens</i> |
| 238. | Common Kestrel              | <i>Falco tinnunculus</i>        |
| 239. | Eurasian Hobby              | <i>Falco subbuteo</i>           |
| 240. | Lesser Kestrel              | <i>Falco naumanni</i>           |
| 241. | Merlin                      | <i>Falco columbarius</i>        |
| 242. | Oriental Hobby              | <i>Falco severus</i>            |
| 243. | Pied Falconet               | <i>Microhierax melanoleucos</i> |
| 244. | Red-footed Falcon           | <i>Falco vespertinus</i>        |
|      | <b>FANTAILS</b>             |                                 |
| 245. | Spot-breasted Fantail       | <i>Rhipidura albogularis</i>    |
| 246. | White-browed Fantail        | <i>Rhipidura aureola</i>        |
| 247. | White-throated Fantail      | <i>Rhipidura albicollis</i>     |
|      | <b>FINCHES</b>              |                                 |
| 248. | Black-and-yellow Grosbeak   | <i>Mycerobas icteroides</i>     |
| 249. | Black-headed Greenfinch     | <i>Chloris ambigua</i>          |
| 250. | Blanford's Rosefinch        | <i>Agropsopsis rubescens</i>    |
| 251. | Blyth's Rosefinch           | <i>Carpodacus grandis</i>       |

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|------|----------------------------------|--------------------------------------|
| 252. | Brambling                        | <i>Fringilla montifringilla</i>      |
| 253. | Brandt's Mountain Finch          | <i>Leucosticte brandti</i>           |
| 254. | Brown Bullfinch                  | <i>Pyrrhula nipalensis</i>           |
| 255. | Chinese White-browed Rosefinch   | <i>Carpodacus dubius</i>             |
| 256. | Collared Grosbeak                | <i>Mycerobasaffinis</i>              |
| 257. | Common Chaffinch                 | <i>Fringilla coelebs</i>             |
| 258. | Common Linnet                    | <i>Linaria cannabina</i>             |
| 259. | Common Rosefinch                 | <i>Carpodacus erythrinus</i>         |
| 260. | Crimson-browed Finch             | <i>Carpodacus subhimachalus</i>      |
| 261. | Crimson-winged Finch             | <i>Rhodopechysanguineus</i>          |
| 262. | Dark-breasted Rosefinch          | <i>Procarduelisnipalensis</i>        |
| 263. | Dark-rumped Rosefinch            | <i>Carpodacus edwardsii</i>          |
| 264. | Desert Finch                     | <i>Rhodospizaobsoleta</i>            |
| 265. | Eurasian Siskin                  | <i>Spinus spinus</i>                 |
| 266. | European Goldfinch               | <i>Carduelis carduelis</i>           |
| 267. | Fire-fronted Serin               | <i>Serinuspusillus</i>               |
| 268. | Gold-naped Finch                 | <i>Pyrrhoplectesepauletta</i>        |
| 269. | Great Rosefinch                  | <i>Carpodacus rubicilla</i>          |
| 270. | Grey-headed Bullfinch            | <i>Pyrrhula erythaca</i>             |
| 271. | Hawfinch                         | <i>Coccothraustes coccothraustes</i> |
| 272. | Himalayan Beautiful Rosefinch    | <i>Carpodacus pulcherrimus</i>       |
| 273. | Himalayan White-browed Rosefinch | <i>Carpodacus thura</i>              |
| 274. | Mongolian Finch                  | <i>Bucanetesmongolicus</i>           |
| 275. | Orange Bullfinch                 | <i>Pyrrhula aurantiaca</i>           |
| 276. | Pale Rosefinch                   | <i>Carpodacus stoliczkae</i>         |
| 277. | Pink-browed Rosefinch            | <i>Carpodacus rodochroa</i>          |
| 278. | Pink-rumped Rosefinch            | <i>Carpodacus waltoni</i>            |
| 279. | Plain Mountain Finch             | <i>Leucosticte nemoricola</i>        |
| 280. | Red Crossbill                    | <i>Loxiacurvirostra</i>              |
| 281. | Red-fronted Rosefinch            | <i>Carpodacus puniceus</i>           |
| 282. | Red-headed Bullfinch             | <i>Pyrrhula erythrocephala</i>       |
| 283. | Scarlet Finch                    | <i>Carpodacus sipahi</i>             |
| 284. | Sillem's Rosefinch               | <i>Carpodacus sillemi</i>            |
| 285. | Spectacled Finch                 | <i>Callacanthiburtoni</i>            |
| 286. | Spot-winged Grosbeak             | <i>Mycerobasmelanozanthos</i>        |
| 287. | Spot-winged Rosefinch            | <i>Carpodacus rodopeplus</i>         |
| 288. | Streaked Rosefinch               | <i>Carpodacus rubicilloides</i>      |
| 289. | Three-banded Rosefinch           | <i>Carpodacus trifasciatus</i>       |
| 290. | Tibetan Siskin                   | <i>Spinus thibetanus</i>             |
| 291. | Trumpeter Finch                  | <i>Bucanetesgithagineus</i>          |
| 292. | Twite                            | <i>Linaria flavirostris</i>          |
| 293. | Vinaceous Rosefinch              | <i>Carpodacus vinaceus</i>           |
| 294. | White-winged Grosbeak            | <i>Mycerobascarnipes</i>             |
| 295. | Yellow-breasted Greenfinch       | <i>Chloris spinoides</i>             |
|      | <b>FLAMINGOS</b>                 |                                      |
| 296. | Greater Flamingo                 | <i>Phoenicopterus roseus</i>         |

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| 297. Lesser Flamingo                 | <i>Phoeniconaias minor</i>        |
| <b>FLOWERPECKERS</b>                 |                                   |
| 298. Andaman Flowerpecker            | <i>Dicaeumvirescens</i>           |
| 299. Fire-breasted Flowerpecker      | <i>Dicaeumignipectus</i>          |
| 300. Nilgiri Flowerpecker            | <i>Dicaeum concolor</i>           |
| 301. Pale-billed Flowerpecker        | <i>Dicaeumerythrorhynchos</i>     |
| 302. Plain Flowerpecker              | <i>Dicaeumminullum</i>            |
| 303. Scarlet-backed Flowerpecker     | <i>Dicaeumcruentatum</i>          |
| 304. Thick-billed Flowerpecker       | <i>Dicaeum agile</i>              |
| 305. Yellow-bellied Flowerpecker     | <i>Dicaeummelanozanthum</i>       |
| 306. Yellow-vented Flowerpecker      | <i>Dicaeumchrysorrheum</i>        |
| <b>FLYCATCHERS, CHATS AND ALLIES</b> |                                   |
| 307. Andaman Shama                   | <i>Copsychusalbiventris</i>       |
| 308. Asian Brown Flycatcher          | <i>Muscicapadauaurica</i>         |
| 309. Black Redstart                  | <i>Phoenicurusochruros</i>        |
| 310. Black-and-orange Flycatcher     | <i>Ficedulanigrorufa</i>          |
| 311. Black-backed Forktail           | <i>Enicurusimmaculatus</i>        |
| 312. Blue Rock Thrush                | <i>Monticola solitarius</i>       |
| 313. Blue Whistling Thrush           | <i>Myophonus caeruleus</i>        |
| 314. Blue-and-white Flycatcher       | <i>Cyanoptilacyanomelana</i>      |
| 315. Blue-capped Redstart            | <i>Phoenicuruscoeruleocephala</i> |
| 316. Blue-capped Rock Thrush         | <i>Monticolacinclorhyncha</i>     |
| 317. Blue-fronted Redstart           | <i>Phoenicurus frontalis</i>      |
| 318. Blue-fronted Robin              | <i>Cinclidium frontale</i>        |
| 319. Bluethroat                      | <i>Luscinia svecica</i>           |
| 320. Blue-throated Flycatcher        | <i>Cyornisrubeculoides</i>        |
| 321. Brown Rock Chat                 | <i>Oenanthe fusca</i>             |
| 322. Brown-breasted Flycatcher       | <i>Muscicapamuttui</i>            |
| 323. Chestnut-bellied Rock Thrush    | <i>Monticolarufiventris</i>       |
| 324. Chinese Rubythroat              | <i>Calliope tschebaiewi</i>       |
| 325. Common Redstart                 | <i>Phoenicurusphoenicurus</i>     |
| 326. Dark-sided Flycatcher           | <i>Muscicapasibirica</i>          |
| 327. Daurian Redstart                | <i>Phoenicurusauroreus</i>        |
| 328. Desert Wheatear                 | <i>Oenanthe deserti</i>           |
| 329. Eversmann's Redstart            | <i>Phoenicuruserythronotus</i>    |
| 330. Ferruginous Flycatcher          | <i>Muscicapaferruginea</i>        |
| 331. Finsch's Wheatear               | <i>Oenanthe finschii</i>          |
| 332. Firethroat                      | <i>Calliope pectardens</i>        |
| 333. Golden Bush Robin               | <i>Tarsigerchrysaes</i>           |
| 334. Gould's Shortwing               | <i>Heteroxenicusstellatus</i>     |
| 335. Grey Bushchat                   | <i>Saxicola ferreus</i>           |
| 336. Hill Blue Flycatcher            | <i>Cyornisbanyumas</i>            |
| 337. Himalayan Bush Robin            | <i>Tarsigerrufilatus</i>          |
| 338. Himalayan Rubythroat            | <i>Calliope pectoralis</i>        |
| 339. Himalayan Shortwing             | <i>Brachypteryxcruralis</i>       |
| 340. Hodgson's Redstart              | <i>Phoenicurushodgsoni</i>        |

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|------|----------------------------|--------------------------------|
| 341. | Hume's Wheatear            | <i>Oenanthe albonigra</i>      |
| 342. | Indian Blue Robin          | <i>Larvivora brunnea</i>       |
| 343. | Indian Robin               | <i>Copsychus fulvicatus</i>    |
| 344. | Isabelline Wheatear        | <i>Oenanthe isabellina</i>     |
| 345. | Jerdon's Bushchat          | <i>Saxicola jerdoni</i>        |
| 346. | Kashmir Flycatcher         | <i>Ficedula subrubra</i>       |
| 347. | Large Blue Flycatcher      | <i>Cyornis magnirostris</i>    |
| 348. | Large Niltava              | <i>Niltava grandis</i>         |
| 349. | Lesser Shortwing           | <i>Brachypteryx leucophris</i> |
| 350. | Little Forktail            | <i>Enicurus scouleri</i>       |
| 351. | Little Pied Flycatcher     | <i>Ficedula westermanni</i>    |
| 352. | Malabar Whistling Thrush   | <i>Myophonus horsfieldii</i>   |
| 353. | Mugimaki Flycatcher        | <i>Ficedula mugimaki</i>       |
| 354. | Nicobar Jungle Flycatcher  | <i>Cyornis nicobaricus</i>     |
| 355. | Nilgiri Flycatcher         | <i>Eumyias albicaudatus</i>    |
| 356. | Northern Wheatear          | <i>Oenanthe oenanthe</i>       |
| 357. | Oriental Magpie Robin      | <i>Copsychus saularis</i>      |
| 358. | Pale Blue Flycatcher       | <i>Cyornis unicolor</i>        |
| 359. | Pale-chinned Flycatcher    | <i>Cyornis poliogenys</i>      |
| 360. | Pied Bushchat              | <i>Saxicola caprata</i>        |
| 361. | Pied Wheatear              | <i>Oenanthe pleschanka</i>     |
| 362. | Plumbeous Water Redstart   | <i>Phoenicurus fuliginosus</i> |
| 363. | Pygmy Blue Flycatcher      | <i>Ficedula hodgsoni</i>       |
| 364. | Red-breasted Flycatcher    | <i>Ficedula parva</i>          |
| 365. | Red-flanked Bush Robin     | <i>Tarsiger cyanurus</i>       |
| 366. | Red-tailed Wheatear        | <i>Oenanthe chrysopygia</i>    |
| 367. | Rufous-bellied Niltava     | <i>Niltava sundara</i>         |
| 368. | Rufous-breasted Bush Robin | <i>Tarsiger hyperythrus</i>    |
| 369. | Rufous-gorgeted Flycatcher | <i>Ficedula strophilata</i>    |
| 370. | Rufous-tailed Rock Thrush  | <i>Monticola saxatilis</i>     |
| 371. | Rufous-tailed Scrub Robin  | <i>Cercotrichas galactotes</i> |
| 372. | Rusty-bellied Shortwing    | <i>Brachypteryx hyperythra</i> |
| 373. | Rusty-tailed Flycatcher    | <i>Ficedula ruficauda</i>      |
| 374. | Sapphire Flycatcher        | <i>Ficedula sapphira</i>       |
| 375. | Siberian Blue Robin        | <i>Larvivora cyane</i>         |
| 376. | Siberian Rubythroat        | <i>Calliope calliope</i>       |
| 377. | Siberian Stonechat         | <i>Saxicola maurus</i>         |
| 378. | Slaty-backed Flycatcher    | <i>Ficedula erithacus</i>      |
| 379. | Slaty-backed Forktail      | <i>Enicurus schistaceus</i>    |
| 380. | Slaty-blue Flycatcher      | <i>Ficedula tricolor</i>       |
| 381. | Small Niltava              | <i>Niltava macgrigoriae</i>    |
| 382. | Snowy-browed Flycatcher    | <i>Ficedula hyperythra</i>     |
| 383. | Spotted Flycatcher         | <i>Muscicapa striata</i>       |
| 384. | Spotted Forktail           | <i>Enicurus maculatus</i>      |
| 385. | Stoliczka's Bushchat       | <i>Saxicola macrorhynchus</i>  |
| 386. | Taiga Flycatcher           | <i>Ficedula albicilla</i>      |

|      |                               |                                  |
|------|-------------------------------|----------------------------------|
| 387. | Tickell's Blue Flycatcher     | <i>Cyornistickelliae</i>         |
| 388. | Ultramarine Flycatcher        | <i>Ficedulasuperciliaris</i>     |
| 389. | Variable Wheatear             | <i>Oenanthe picata</i>           |
| 390. | Verditer Flycatcher           | <i>Eumyiasthalassinus</i>        |
| 391. | Vivid Niltava                 | <i>Niltavavivida</i>             |
| 392. | White-bellied Blue Flycatcher | <i>Cyornispallidipes</i>         |
| 393. | White-bellied Redstart        | <i>Luscinia phaenicuroides</i>   |
| 394. | White-browed Bush Robin       | <i>Tarsiger indicus</i>          |
| 395. | White-capped Redstart         | <i>Phoenicurus leucocephalus</i> |
| 396. | White-crowned Forktail        | <i>Enicurusleschenaulti</i>      |
| 397. | White-gorgeted Flycatcher     | <i>Anthipesmonileger</i>         |
| 398. | White-rumped Shama            | <i>Copsychusmalabaricus</i>      |
| 399. | White-tailed Blue Flycatcher  | <i>Cyornisconcretus</i>          |
| 400. | White-tailed Robin            | <i>Myiomelaleucura</i>           |
| 401. | White-tailed Stonechat        | <i>Saxicola leucurus</i>         |
| 402. | White-throated Redstart       | <i>Phoenicurus schisticeps</i>   |
| 403. | White-winged Redstart         | <i>Phoenicuruserythrogastrus</i> |
| 404. | Yellow-rumped Flycatcher      | <i>Ficedulazanthopygia</i>       |
| 405. | Zappey's Flycatcher           | <i>Cyanoptilacumatilis</i>       |

#### **FRIGATEBIRDS**

|      |                    |                      |
|------|--------------------|----------------------|
| 406. | Great Frigatebird  | <i>Fregata minor</i> |
| 407. | Lesser Frigatebird | <i>Fregata ariel</i> |

#### **GANNETS AND BOOBIES**

|      |                  |                         |
|------|------------------|-------------------------|
| 408. | Brown Booby      | <i>Sula leucogaster</i> |
| 409. | Masked Booby     | <i>Sula dactylatra</i>  |
| 410. | Red-footed Booby | <i>Sula sula</i>        |

#### **GOLDCRESTS**

|      |           |                        |
|------|-----------|------------------------|
| 411. | Goldcrest | <i>Regulus regulus</i> |
|------|-----------|------------------------|

#### **GREBES**

|      |                     |                               |
|------|---------------------|-------------------------------|
| 412. | Black-necked Grebe  | <i>Podiceps nigricollis</i>   |
| 413. | Great Crested Grebe | <i>Podiceps cristatus</i>     |
| 414. | Horned Grebe        | <i>Podiceps auritus</i>       |
| 415. | Little Grebe        | <i>Tachybaptus ruficollis</i> |
| 416. | Red-necked Grebe    | <i>Podiceps grisegena</i>     |

#### **GULLS AND TERNS**

|      |                        |                                   |
|------|------------------------|-----------------------------------|
| 417. | Arctic Tern            | <i>Sterna paradisaea</i>          |
| 418. | Black Noddy            | <i>Anous minutus</i>              |
| 419. | Black Tern             | <i>Chlidonias niger</i>           |
| 420. | Black-headed Gull      | <i>Chroicocephalus ridibundus</i> |
| 421. | Black-legged Kittiwake | <i>Rissa tridactyla</i>           |
| 422. | Black-naped Tern       | <i>Sterna sumatrana</i>           |
| 423. | Bridled Tern           | <i>Onychoprion anaethetus</i>     |
| 424. | Brown Noddy            | <i>Anous stolidus</i>             |

|                               |                                       |
|-------------------------------|---------------------------------------|
| 425. Brown-headed Gull        | <i>Chroicocephalus brunnicephalus</i> |
| 426. Caspian Gull             | <i>Larus cachinnans</i>               |
| 427. Caspian Tern             | <i>Hydroprogne caspia</i>             |
| 428. Common Tern              | <i>Sterna hirundo</i>                 |
| 429. Franklin's Gull          | <i>Leucophaeus pipixcan</i>           |
| 430. Greater Crested Tern     | <i>Thalasseus bergii</i>              |
| 431. Gull-billed Tern         | <i>Gelochelidon nilotica</i>          |
| 432. Lesser Black-backed Gull | <i>Larus fuscus</i>                   |
| 433. Lesser Crested Tern      | <i>Thalasseus bengalensis</i>         |
| 434. Lesser Noddy             | <i>Anoustenuirostris</i>              |
| 435. Little Gull              | <i>Hydrocoloeus minutus</i>           |
| 436. Little Tern              | <i>Sternula albifrons</i>             |
| 437. Mew Gull                 | <i>Larus canus</i>                    |
| 438. Mongolian Gull           | <i>Larus smithsonianus mongolicus</i> |
| 439. Pallas's Gull            | <i>Ichthyaetus ichthyaetus</i>        |
| 440. Roseate Tern             | <i>Sterna dougallii</i>               |
| 441. Sabine's Gull            | <i>Xema sabini</i>                    |
| 442. Sandwich Tern            | <i>Thalasseus sandvicensis</i>        |
| 443. Saunders's Tern          | <i>Sternula saundersi</i>             |
| 444. Slender-billed Gull      | <i>Chroicocephalus genei</i>          |
| 445. Sooty Gull               | <i>Ichthyaetus hemprichii</i>         |
| 446. Sooty Tern               | <i>Onychoprion fuscatus</i>           |
| 447. Whiskered Tern           | <i>Chlidonias hybrida</i>             |
| 448. White Tern               | <i>Gygis alba</i>                     |
| 449. White-cheeked Tern       | <i>Sterna repressa</i>                |
| 450. White-eyed Gull          | <i>Ichthyaetus leucophthalmus</i>     |
| 451. White-winged Tern        | <i>Chlidonias leucopterus</i>         |
| <b>HOOPOES</b>                |                                       |
| 452. Common Hoopoe            | <i>Upupa epops</i>                    |
| <b>HORNBILLS</b>              |                                       |
| 453. Indian Grey Hornbill     | <i>Ocyeros birostris</i>              |
| <b>HYPOCOLIUS</b>             |                                       |
| 454. Grey Hypocolius          | <i>Hypocolius ampelinus</i>           |
| <b>IBISES AND SPOONBILLS</b>  |                                       |
| 455. Black-headed Ibis        | <i>Threskiornis melanocephalus</i>    |
| 456. Eurasian Spoonbill       | <i>Platalea leucorodia</i>            |
| 457. Glossy Ibis              | <i>Plegadis falcinellus</i>           |
| 458. Red-naped Ibis           | <i>Pseudibis papillosa</i>            |
| <b>IORAS</b>                  |                                       |
| 459. Common Iora              | <i>Aegithina tiphia</i>               |
| 460. Marshall's Iora          | <i>Aegithina nigrolutea</i>           |
| <b>JACANAS</b>                |                                       |
| 461. Bronze-winged Jacana     | <i>Metopidius indicus</i>             |
| 462. Pheasant-tailed Jacana   | <i>Hydrophasianus chirurgus</i>       |
| <b>KINGFISHERS</b>            |                                       |
| 463. Black-capped Kingfisher  | <i>Halcyon pileata</i>                |

|                                 |                                 |
|---------------------------------|---------------------------------|
| 464. Blue-eared Kingfisher      | <i>Alcedomeninting</i>          |
| 465. Brown-winged Kingfisher    | <i>Pelargopsisamauroptera</i>   |
| 466. Collared Kingfisher        | <i>Todiramphuschloris</i>       |
| 467. Common Kingfisher          | <i>Alcedoatthis</i>             |
| 468. Crested Kingfisher         | <i>Megacerylelugubris</i>       |
| 469. Oriental Dwarf Kingfisher  | <i>Ceyxerithaca</i>             |
| 470. Pied Kingfisher            | <i>Cerylerudis</i>              |
| 471. Ruddy Kingfisher           | <i>Halcyon coromanda</i>        |
| 472. Stork-billed Kingfisher    | <i>Pelargopsis capensis</i>     |
| 473. White-throated Kingfisher  | <i>Halcyon smyrnensis</i>       |
| <b>KITES, HAWKS AND EAGLES</b>  |                                 |
| 474. Black Eagle                | <i>Ictinaetusmalaiensis</i>     |
| 475. Black-winged Kite          | <i>Elanus caeruleus</i>         |
| 476. Bonelli's Eagle            | <i>Aquila fasciata</i>          |
| 477. Booted Eagle               | <i>Hieraetus pennatus</i>       |
| 478. Brahminy Kite              | <i>Haliasturindus</i>           |
| 479. Common Buzzard             | <i>Buteo buteo</i>              |
| 480. Crested Serpent Eagle      | <i>Spilornis cheela</i>         |
| 481. European Honey Buzzard     | <i>Pernis apivorus</i>          |
| 482. Grey-faced Buzzard         | <i>Butastur indicus</i>         |
| 483. Himalayan Buzzard          | <i>Buteo refectus</i>           |
| 484. Legge's Hawk Eagle         | <i>Nisaetus kelaarti</i>        |
| 485. Long-legged Buzzard        | <i>Buteo rufinus</i>            |
| 486. Oriental Honey Buzzard     | <i>Pernis ptilorhynchus</i>     |
| 487. Red Kite                   | <i>Milvus milvus</i>            |
| 488. Rough-legged Buzzard       | <i>Buteo lagopus</i>            |
| 489. Shikra                     | <i>Accipiter badius</i>         |
| 490. Western Marsh Harrier      | <i>Circus aeruginosus</i>       |
| <b>LARKS</b>                    |                                 |
| 491. Ashy-crowned Sparrow Lark  | <i>Eremopterix griseus</i>      |
| 492. Bengal Bushlark            | <i>Mirafra assamica</i>         |
| 493. Bimaculated Lark           | <i>Melanocoryphabimaculata</i>  |
| 494. Black-crowned Sparrow Lark | <i>Eremopterix nigriceps</i>    |
| 495. Crested Lark               | <i>Galerida cristata</i>        |
| 496. Desert Lark                | <i>Ammomanes deserti</i>        |
| 497. Eurasian Skylark           | <i>Alauda arvensis</i>          |
| 498. Greater Hoopoe Lark        | <i>Alaemonalaudipes</i>         |
| 499. Greater Short-toed Lark    | <i>Calandrellabrachydactyla</i> |
| 500. Horned Lark                | <i>Eremophila alpestris</i>     |
| 501. Hume's Short-toed Lark     | <i>Calandrella acutirostris</i> |
| 502. Indian Bushlark            | <i>Mirafra erythroptera</i>     |
| 503. Jerdon's Bushlark          | <i>Mirafra affinis</i>          |
| 504. Lesser Short-toed Lark     | <i>Alaudalarufescens</i>        |
| 505. Malabar Lark               | <i>Galerida malabarica</i>      |
| 506. Oriental Skylark           | <i>Alauda gulgula</i>           |
| 507. Rufous-tailed Lark         | <i>Ammomanes phoenicura</i>     |



|      |                         |                               |
|------|-------------------------|-------------------------------|
| 508. | Sand Lark               | <i>Alaudalaraytal</i>         |
| 509. | Singing Bushlark        | <i>Mirafracantillans</i>      |
| 510. | Sykes's Lark            | <i>Galerida deva</i>          |
| 511. | Sykes's Short-toed Lark | <i>Calandrelladukhunensis</i> |
| 512. | Tibetan Lark            | <i>Melanocorypha maxima</i>   |

#### **LAUGHINGTHRUSHES AND LARGE BABBLERS**

|      |                                  |                                       |
|------|----------------------------------|---------------------------------------|
| 513. | Assam Laughingthrush             | <i>Trochalopteronchrysopterum</i>     |
| 514. | Beautiful Siberia                | <i>Heterophasiapulchella</i>          |
| 515. | Bhutan Laughingthrush            | <i>Trochalopteronimbricatum</i>       |
| 516. | Black-faced Laughingthrush       | <i>Trochalopteron affine</i>          |
| 517. | Blue-winged Laughingthrush       | <i>Trochalopteron squamatum</i>       |
| 518. | Blue-winged Minla                | <i>Actinoduracyanouroptera</i>        |
| 519. | Brown-capped Laughingthrush      | <i>Trochalopteron austeni</i>         |
| 520. | Brown-cheeked Fulvetta           | <i>Alcippepoioicephala</i>            |
| 521. | Chestnut-backed Laughingthrush   | <i>Pterorhinus nuchalis</i>           |
| 522. | Chestnut-crowned Laughingthrush  | <i>Trochalopteron erythrocephalum</i> |
| 523. | Chestnut-tailed Minla            | <i>Actinodura strigula</i>            |
| 524. | Common Babbler                   | <i>Argyacaudata</i>                   |
| 525. | Elliot's Laughingthrush          | <i>Trochalopteron elliotii</i>        |
| 526. | Greater Necklaced Laughingthrush | <i>Pterorhinus pectoralis</i>         |
| 527. | Grey Siberia                     | <i>Heterophasiagracilis</i>           |
| 528. | Grey-sided Laughingthrush        | <i>Pterorhinus caerulatus</i>         |
| 529. | Himalayan Cutia                  | <i>Cutianipalensis</i>                |
| 530. | Hoary-throated Barwing           | <i>Actinoduranipalensis</i>           |
| 531. | Jungle Babbler                   | <i>Argya striata</i>                  |
| 532. | Large Grey Babbler               | <i>Argyamalcolmi</i>                  |
| 533. | Lesser Necklaced Laughingthrush  | <i>Garrulax monileger</i>             |
| 534. | Long-tailed Siberia              | <i>Heterophasiapicaoides</i>          |
| 535. | Mount Victoria Babax             | <i>Pterorhinus woodi</i>              |
| 536. | Moustached Laughingthrush        | <i>Ianthocinclacineracea</i>          |
| 537. | Nepal Fulvetta                   | <i>Alcippenipalensis</i>              |
| 538. | Palani Laughingthrush            | <i>Montecincla fairbanki</i>          |
| 539. | Red-billed Leiothrix             | <i>Leiothrix lutea</i>                |
| 540. | Red-faced Liocichla              | <i>Liocichla phoenicea</i>            |
| 541. | Red-tailed Minla                 | <i>Minla ignotincta</i>               |
| 542. | Rufous Babbler                   | <i>Argya subrufa</i>                  |
| 543. | Rufous Siberia                   | <i>Heterophasiacapistrata</i>         |
| 544. | Rufous-backed Siberia            | <i>Leioptila annectens</i>            |
| 545. | Rufous-chinned Laughingthrush    | <i>Ianthocinclarufogularis</i>        |
| 546. | Rufous-necked Laughingthrush     | <i>Pterorhinus ruficollis</i>         |
| 547. | Rufous-vented Laughingthrush     | <i>Pterorhinus gularis</i>            |
| 548. | Rusty-fronted Barwing            | <i>Actinodura aegertoni</i>           |
| 549. | Scaly Laughingthrush             | <i>Trochalopteron subunicolor</i>     |
| 550. | Silver-eared Mesia               | <i>Leiothrix argentauris</i>          |
| 551. | Spot-breasted Laughingthrush     | <i>Garrulax merulinus</i>             |
| 552. | Spotted Laughingthrush           | <i>Ianthocincla ocellata</i>          |

|      |                                |                                   |
|------|--------------------------------|-----------------------------------|
| 553. | Streaked Laughingthrush        | <i>Trochalopteronlineatum</i>     |
| 554. | Streak-throated Barwing        | <i>Actinodurawaldeni</i>          |
| 555. | Striated Babbler               | <i>Argyaearleii</i>               |
| 556. | Striated Laughingthrush        | <i>Grammatoptila striata</i>      |
| 557. | Striped Laughingthrush         | <i>Trochalopteron virgatum</i>    |
| 558. | Variegated Laughingthrush      | <i>Trochalopteron variegatum</i>  |
| 559. | Wayanad Laughingthrush         | <i>Pterorhinusdelesserti</i>      |
| 560. | White-browed Laughingthrush    | <i>Pterorhinussannio</i>          |
| 561. | White-crested Laughingthrush   | <i>Garrulaxleucolophus</i>        |
| 562. | White-throated Laughingthrush  | <i>Pterorhinusalbogularis</i>     |
| 563. | Yellow-billed Babbler          | <i>Argyaaaffinis</i>              |
| 564. | Yellow-throated Laughingthrush | <i>Pterorhinusgalbanus</i>        |
|      | <b>LEAF WARBLERS</b>           |                                   |
| 565. | Arctic Warbler                 | <i>Phylloscopus borealis</i>      |
| 566. | Ashy-throated Warbler          | <i>Phylloscopusmaculipennis</i>   |
| 567. | Blyth's Leaf Warbler           | <i>Phylloscopusreguloides</i>     |
| 568. | Brooks's Leaf Warbler          | <i>Phylloscopussubviridis</i>     |
| 569. | Buff-barred Warbler            | <i>Phylloscopuspulcher</i>        |
| 570. | Buff-throated Warbler          | <i>Phylloscopussubaffinis</i>     |
| 571. | Chestnut-crowned Warbler       | <i>Phylloscopuscastaniceps</i>    |
| 572. | Chinese Leaf Warbler           | <i>Phylloscopusyunnanensis</i>    |
| 573. | Claudia's Leaf Warbler         | <i>Phylloscopusclaudiae</i>       |
| 574. | Common Chiffchaff              | <i>Phylloscopuscollybita</i>      |
| 575. | Dusky Warbler                  | <i>Phylloscopusfuscatus</i>       |
| 576. | Green Warbler                  | <i>Phylloscopusnitidus</i>        |
| 577. | Green-crowned Warbler          | <i>Phylloscopusburkii</i>         |
| 578. | Greenish Warbler               | <i>Phylloscopustrochiloides</i>   |
| 579. | Grey-cheeked Warbler           | <i>Phylloscopuspoliogenys</i>     |
| 580. | Grey-crowned Warbler           | <i>Phylloscopustephrocephalus</i> |
| 581. | Grey-hooded Warbler            | <i>Phylloscopusxanthoschistos</i> |
| 582. | Hume's Warbler                 | <i>Phylloscopushumei</i>          |
| 583. | Large-billed Leaf Warbler      | <i>Phylloscopusmagnirostris</i>   |
| 584. | Lemon-rumped Warbler           | <i>Phylloscopuschloronotus</i>    |
| 585. | Mountain Chiffchaff            | <i>Phylloscopussindianus</i>      |
| 586. | Plain Leaf Warbler             | <i>Phylloscopus neglectus</i>     |
| 587. | Sakhalin Leaf Warbler          | <i>Phylloscopusborealoides</i>    |
| 588. | Sichuan Leaf Warbler           | <i>Phylloscopusforresti</i>       |
| 589. | Smoky Warbler                  | <i>Phylloscopusfulgiventis</i>    |
| 590. | Sulphur-bellied Warbler        | <i>Phylloscopusgriseolus</i>      |
| 591. | Tickell's Leaf Warbler         | <i>Phylloscopusaffinis</i>        |
| 592. | Two-barred Warbler             | <i>Phylloscopusplumbeitarsus</i>  |
| 593. | Tytler's Leaf Warbler          | <i>Phylloscopustytleri</i>        |
| 594. | Western Crowned Warbler        | <i>Phylloscopus occipitalis</i>   |
| 595. | Whistler's Warbler             | <i>Phylloscopuswhistleri</i>      |
| 596. | White-spectacled Warbler       | <i>Phylloscopus intermedius</i>   |
| 597. | Willow Warbler                 | <i>Phylloscopus trochilus</i>     |

|      |                                       |                                  |
|------|---------------------------------------|----------------------------------|
| 598. | Wood Warbler                          | <i>Phylloscopussibilatrix</i>    |
| 599. | Yellow-browed Warbler                 | <i>Phylloscopusinornatus</i>     |
| 600. | Yellow-vented Warbler                 | <i>Phylloscopuscantator</i>      |
|      | <b>LEAFBIRDS</b>                      |                                  |
| 601. | Blue-winged Leafbird                  | <i>Chloropsiscochinchinensis</i> |
| 602. | Golden-fronted Leafbird               | <i>Chloropsisaurifrons</i>       |
| 603. | Jerdon's Leafbird                     | <i>Chloropsisjerdoni</i>         |
| 604. | Orange-bellied Leafbird               | <i>Chloropsishardwickii</i>      |
|      | <b>LOCUSTELLA WARBLERS AND ALLIES</b> |                                  |
| 605. | Baikal Bush Warbler                   | <i>Locustelladavidi</i>          |
| 606. | Bristled Grassbird                    | <i>Schoenicolastriatum</i>       |
| 607. | Broad-tailed Grassbird                | <i>Schoenicolaplatyurus</i>      |
| 608. | Brown Bush Warbler                    | <i>Locustellaluteoventris</i>    |
| 609. | Chinese Bush Warbler                  | <i>Locustellatacsanowskia</i>    |
| 610. | Grasshopper Warbler                   | <i>Locustellanaevia</i>          |
| 611. | Lanceolated Warbler                   | <i>Locustella lanceolata</i>     |
| 612. | Long-billed Bush Warbler              | <i>Locustella major</i>          |
| 613. | Russet Bush Warbler                   | <i>Locustellamandelli</i>        |
| 614. | Rusty-rumped Warbler                  | <i>Helopsaltescerthiola</i>      |
| 615. | Spotted Bush Warbler                  | <i>Locustellathoracica</i>       |
| 616. | Striated Grassbird                    | <i>Megalurus palustris</i>       |
| 617. | West Himalayan Bush Warbler           | <i>Locustellakashmirensis</i>    |
|      | <b>LONG-TAILED TITS</b>               |                                  |
| 618. | Black-browed Tit                      | <i>Aegithalosioschistos</i>      |
| 619. | Black-throated Tit                    | <i>Aegithalosconcinus</i>        |
| 620. | Crested Tit Warbler                   | <i>Leptopoeile elegans</i>       |
| 621. | White-browed Tit Warbler              | <i>Leptopoeilesophiae</i>        |
| 622. | White-cheeked Tit                     | <i>Aegithalosleucogenys</i>      |
| 623. | White-throated Tit                    | <i>Aegithalosniveogularis</i>    |
|      | <b>MINIVETS AND CUCKOOSHRIKES</b>     |                                  |
| 624. | Andaman Cuckooshrike                  | <i>Coracinadobsoni</i>           |
| 625. | Ashy Minivet                          | <i>Pericrocotusdivaricatus</i>   |
| 626. | Black-headed Cuckooshrike             | <i>Lalage melanoptera</i>        |
| 627. | Black-winged Cuckooshrike             | <i>Lalage melaschistos</i>       |
| 628. | Grey-chinned Minivet                  | <i>Pericrocotussolaris</i>       |
| 629. | Large Cuckooshrike                    | <i>Coracinamacei</i>             |
| 630. | Long-tailed Minivet                   | <i>Pericrocotusethologus</i>     |
| 631. | Orange Minivet                        | <i>Pericrocotusflammeus</i>      |
| 632. | Pied Triller                          | <i>Lalage nigra</i>              |
| 633. | Rosy Minivet                          | <i>Pericrocotus roseus</i>       |
| 634. | Scarlet Minivet                       | <i>Pericrocotus speciosus</i>    |
| 635. | Short-billed Minivet                  | <i>Pericrocotusbrevirostris</i>  |
| 636. | Small Minivet                         | <i>Pericrocotuscinnamomeus</i>   |
| 637. | Swinhoe's Minivet                     | <i>Pericrocotuscantonensis</i>   |
| 638. | White-bellied Minivet                 | <i>Pericrocotuserythropygius</i> |
|      | <b>MONARCHS</b>                       |                                  |

|      |                             |                                 |
|------|-----------------------------|---------------------------------|
| 639. | Amur Paradise-flycatcher    | <i>Terpsiphoneincei</i>         |
| 640. | Black-naped Monarch         | <i>Hypothymisazurea</i>         |
| 641. | Blyth's Paradise-flycatcher | <i>Terpsiphoneaffinis</i>       |
| 642. | Indian Paradise-flycatcher  | <i>Terpsiphone paradisi</i>     |
|      | <b>MUNIAS</b>               |                                 |
| 643. | Black-throated Munia        | <i>Lonchurakelaarti</i>         |
| 644. | Chestnut Munia              | <i>Lonchura atricapilla</i>     |
| 645. | Indian Silverbill           | <i>Euodice malabarica</i>       |
| 646. | Red Munia                   | <i>Amandava amandava</i>        |
| 647. | Scaly-breasted Munia        | <i>Lonchurapunctulata</i>       |
| 648. | Tricoloured Munia           | <i>Lonchuramalacca</i>          |
| 649. | White-rumped Munia          | <i>Lonchura striata</i>         |
|      | <b>NIGHTJARS</b>            |                                 |
| 650. | Andaman Nightjar            | <i>Caprimulgus andamanicus</i>  |
| 651. | European Nightjar           | <i>Caprimulgus europaeus</i>    |
| 652. | Great Eared Nightjar        | <i>Lyncornismacrotis</i>        |
| 653. | Grey Nightjar               | <i>Caprimulgus jotaka</i>       |
| 654. | Indian Nightjar             | <i>Caprimulgus asiaticus</i>    |
| 655. | Jerdon's Nightjar           | <i>Caprimulgus atripennis</i>   |
| 656. | Jungle Nightjar             | <i>Caprimulgus indicus</i>      |
| 657. | Large-tailed Nightjar       | <i>Caprimulgus macrurus</i>     |
| 658. | Savanna Nightjar            | <i>Caprimulgus affinis</i>      |
| 659. | Sykes's Nightjar            | <i>Caprimulgus mahrattensis</i> |
|      | <b>NUTHATCHES</b>           |                                 |
| 660. | Chestnut-bellied Nuthatch   | <i>Sittacinnamoventris</i>      |
| 661. | Chestnut-vented Nuthatch    | <i>Sittanagaensis</i>           |
| 662. | Indian Nuthatch             | <i>Sittacastanea</i>            |
| 663. | Kashmir Nuthatch            | <i>Sittacashmirensis</i>        |
| 664. | Velvet-fronted Nuthatch     | <i>Sitta frontalis</i>          |
| 665. | White-cheeked Nuthatch      | <i>Sitta leucopsis</i>          |
| 666. | White-tailed Nuthatch       | <i>Sittahimalayensis</i>        |
| 667. | Yunnan Nuthatch             | <i>Sittayunnanensis</i>         |
|      | <b>ORIOLES</b>              |                                 |
| 668. | Black-hooded Oriole         | <i>Oriolus xanthornus</i>       |
| 669. | Black-naped Oriole          | <i>Oriolus chinensis</i>        |
| 670. | Eurasian Golden Oriole      | <i>Oriolus oriolus</i>          |
| 671. | Indian Golden Oriole        | <i>Oriolus kundoo</i>           |
| 672. | Maroon Oriole               | <i>Oriolus traillii</i>         |
| 673. | Slender-billed Oriole       | <i>Oriolus tenuirostris</i>     |
|      | <b>OWLS</b>                 |                                 |
| 674. | Andaman Hawk Owl            | <i>Ninox affinis</i>            |
| 675. | Andaman Scops Owl           | <i>Otus balli</i>               |
| 676. | Asian Barred Owlet          | <i>Glaucidium cuculoides</i>    |
| 677. | Boreal Owl                  | <i>Aegolius funereus</i>        |
| 678. | Brown Hawk Owl              | <i>Ninox scutulata</i>          |
| 679. | Collared Owlet              | <i>Taenioptynx brodiei</i>      |

680. Collared Scops Owl  
 681. Dusky Eagle Owl  
 682. Eurasian Scops Owl  
 683. Himalayan Owl  
 684. Hume's Hawk Owl  
 685. Indian Scops Owl  
 686. Jungle Owlet  
 687. Little Owl  
 688. Mountain Scops Owl  
 689. Nicobar Scops Owl  
 690. Oriental Scops Owl  
 691. Pallid Scops Owl  
 692. Spotted Owlet  
 693. Tawny Owl

*Otuslettia*  
*Bubo coromandus*  
*Otus scops*  
*Strixniivicolum*  
*Ninox obscura*  
*Otusbakkamoena*  
*Glaucidium radiatum*  
*Athene noctua*  
*Otusspilocephalus*  
*Otusalius*  
*Otussunia*  
*Otus brucei*  
*Athene brama*  
*Strixaluco*

#### **OYSTERCATCHERS**

694. Eurasian Oystercatcher

*Haematopusostralegus*

#### **PAINTED-SNIPES**

695. Greater Painted-snipe

*Rostratulabenghalensis*

#### **PARROTBILLS AND ALLIES**

696. Black-throated Parrotbill  
 697. Brown Parrotbill  
 698. Brown-throated Fulvetta  
 699. Fire-tailed Myzornis  
 700. Fulvous Parrotbill  
 701. Golden-breasted Fulvetta  
 702. Great Parrotbill  
 703. Grey-headed Parrotbill  
 704. Jerdon's Babbler  
 705. Lesser Rufous-headed Parrotbill  
 706. Manipur Fulvetta  
 707. Rufous-headed Parrotbill  
 708. Spot-breasted Parrotbill  
 709. White-breasted Parrotbill  
 710. White-browed Fulvetta  
 711. Yellow-eyed Babbler

*Suthoranipalensis*  
*Cholornis unicolor*  
*Fulvettaludlowi*  
*Myzornispyrrhoura*  
*Suthorafulvifrons*  
*Lioparuschrysolis*  
*Conostomaaemodium*  
*Psittiparusgularis*  
*Chrysommaaltirostre*  
*Chleuasicusatrosuperciliaris*  
*Fulvettamanipurensis*  
*Psittiparusbakerei*  
*Paradoxornisguttaticollis*  
*Psittiparusruficeps*  
*Fulvettavinipectus*  
*Chrysommasinense*

#### **PARROTS**

712. Alexandrine Parakeet  
 713. Blossom-headed Parakeet  
 714. Grey-headed Parakeet  
 715. Long-tailed Parakeet  
 716. Malabar Parakeet  
 717. Nicobar Parakeet  
 718. Plum-headed Parakeet  
 719. Rose-ringed Parakeet  
 720. Slaty-headed Parakeet  
 721. Vernal Hanging Parrot

*Psittaculaeupatria*  
*Psittacularoseata*  
*Psittaculafinschii*  
*Psittaculalongicauda*  
*Psittaculacolumboides*  
*Psittaculacaniceps*  
*Psittaculacyanocephala*  
*Psittaculakrameri*  
*Psittaculahimalayana*  
*Loriculusvernalis*

**PARTRIDGES, QUAILS, AND  
PHEASANTS**

|      |                             |                                 |
|------|-----------------------------|---------------------------------|
| 722. | Black Francolin             | <i>Francolinusfrancolinus</i>   |
| 723. | Blue-breasted Quail         | <i>Synoicus chinensis</i>       |
| 724. | Chestnut-breasted Partridge | <i>Arborophilamandellii</i>     |
| 725. | Chinese Francolin           | <i>Francolinuspintadeanus</i>   |
| 726. | Chukar Partridge            | <i>Alectoris chukar</i>         |
| 727. | Common Quail                | <i>Coturnix coturnix</i>        |
| 728. | Grey Francolin              | <i>Francolinuspondicerianus</i> |
| 729. | Hill Partridge              | <i>Arborophilatorqueola</i>     |
| 730. | Himalayan Snowcock          | <i>Tetraogallushimalayensis</i> |
| 731. | Japanese Quail              | <i>Coturnix japonica</i>        |
| 732. | Jungle Bush Quail           | <i>Perdicula asiatica</i>       |
| 733. | Koklass Pheasant            | <i>Pucrasiamacrolopha</i>       |
| 734. | Painted Bush Quail          | <i>Perdiculaerythrorhyncha</i>  |
| 735. | Painted Francolin           | <i>Francolinus pictus</i>       |
| 736. | Painted Spurfowl            | <i>Galloperdixlunulata</i>      |
| 737. | Rain Quail                  | <i>Coturnix coromandelica</i>   |
| 738. | Red Junglefowl              | <i>Gallus gallus</i>            |
| 739. | Red Spurfowl                | <i>Galloperdixspadicea</i>      |
| 740. | Rock Bush Quail             | <i>Perdiculaargoondah</i>       |
| 741. | Rufous-throated Partridge   | <i>Arborophilalarufogularis</i> |
| 742. | Snow Partridge              | <i>Lerwalerwa</i>               |
| 743. | Tibetan Partridge           | <i>Perdix hodgsoniae</i>        |
| 744. | White-cheeked Partridge     | <i>Arborophilaatrogularis</i>   |

**PELICANS**

|      |                     |                              |
|------|---------------------|------------------------------|
| 745. | Dalmatian Pelican   | <i>Pelecanus crispus</i>     |
| 746. | Great White Pelican | <i>Pelecanusonocrotalus</i>  |
| 747. | Spot-billed Pelican | <i>Pelecanusphilippensis</i> |

**PENDULINE TITS**

|      |                             |                       |
|------|-----------------------------|-----------------------|
| 748. | White-crowned Penduline Tit | <i>Remizcoronatus</i> |
|------|-----------------------------|-----------------------|

**PETRELS AND SHEARWATERS**

|      |                         |                              |
|------|-------------------------|------------------------------|
| 749. | Barau's Petrel          | <i>Pterodroma barau</i>      |
| 750. | Cory's Shearwater       | <i>Calonectris borealis</i>  |
| 751. | Flesh-footed Shearwater | <i>Ardennacarneipes</i>      |
| 752. | Jouanin's Petrel        | <i>Bulweriafallax</i>        |
| 753. | Persian Shearwater      | <i>Puffinuspersicus</i>      |
| 754. | Short-tailed Shearwater | <i>Ardennatenuirostris</i>   |
| 755. | Streaked Shearwater     | <i>Calonectrisleucomelas</i> |
| 756. | Tropical Shearwater     | <i>Puffinusbailloni</i>      |
| 757. | Wedge-tailed Shearwater | <i>Ardennapacifica</i>       |

**PIGEONS AND DOVES**

|      |                          |                              |
|------|--------------------------|------------------------------|
| 758. | Andaman Cuckoo Dove      | <i>Macropygiarufipennis</i>  |
| 759. | Andaman Green Pigeon     | <i>Treronchloropterus</i>    |
| 760. | Andaman Wood Pigeon      | <i>Columba palumboides</i>   |
| 761. | Ashy Wood Pigeon         | <i>Columba pulchricollis</i> |
| 762. | Ashy-headed Green Pigeon | <i>Treronphayrei</i>         |

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| 763. Asian Emerald Dove           | <i>Chalcophaps indica</i>         |
| 764. Barred Cuckoo Dove           | <i>Macropygia unchall</i>         |
| 765. Common Wood Pigeon           | <i>Columba palumbus</i>           |
| 766. Eurasian Collared Dove       | <i>Streptopelia decaocto</i>      |
| 767. European Turtle Dove         | <i>Streptopelia turtur</i>        |
| 768. Green Imperial Pigeon        | <i>Ducula aenea</i>               |
| 769. Grey-fronted Green Pigeon    | <i>Treron affinis</i>             |
| 770. Hill Pigeon                  | <i>Columba rupestris</i>          |
| 771. Laughing Dove                | <i>Streptopelia senegalensis</i>  |
| 772. Mountain Imperial Pigeon     | <i>Ducula badia</i>               |
| 773. Namaqua Dove                 | <i>Oena capensis</i>              |
| 774. Nicobar Imperial Pigeon      | <i>Ducula nicobarica</i>          |
| 775. Orange-breasted Green Pigeon | <i>Treron bicinctus</i>           |
| 776. Oriental Turtle Dove         | <i>Streptopelia orientalis</i>    |
| 777. Pied Imperial Pigeon         | <i>Ducula bicolor</i>             |
| 778. Pin-tailed Green Pigeon      | <i>Treron apicauda</i>            |
| 779. Red Collared Dove            | <i>Streptopelia tranquebarica</i> |
| 780. Snow Pigeon                  | <i>Columba leuconota</i>          |
| 781. Speckled Wood Pigeon         | <i>Columba hodgsonii</i>          |
| 782. Spotted Dove                 | <i>Streptopelia chinensis</i>     |
| 783. Thick-billed Green Pigeon    | <i>Treron curvirostra</i>         |
| 784. Wedge-tailed Green Pigeon    | <i>Treron sphenurus</i>           |
| 785. Yellow-footed Green Pigeon   | <i>Treron phoenicopterus</i>      |
| <b>PIPITS AND WAGTAILS</b>        |                                   |
| 786. Blyth's Pipit                | <i>Anthus godlewskii</i>          |
| 787. Buff-bellied Pipit           | <i>Anthus rubescens</i>           |
| 788. Citrine Wagtail              | <i>Motacilla citreola</i>         |
| 789. Eastern Yellow Wagtail       | <i>Motacilla schutschensis</i>    |
| 790. Forest Wagtail               | <i>Dendronanthus indicus</i>      |
| 791. Grey Wagtail                 | <i>Motacilla cinerea</i>          |
| 792. Long-billed Pipit            | <i>Anthus similis</i>             |
| 793. Meadow Pipit                 | <i>Anthus pratensis</i>           |
| 794. Olive-backed Pipit           | <i>Anthus hodgsoni</i>            |
| 795. Paddyfield Pipit             | <i>Anthus rufulus</i>             |
| 796. Red-throated Pipit           | <i>Anthus cervinus</i>            |
| 797. Richard's Pipit              | <i>Anthus richardi</i>            |
| 798. Rosy Pipit                   | <i>Anthus roseatus</i>            |
| 799. Tawny Pipit                  | <i>Anthus campestris</i>          |
| 800. Tree Pipit                   | <i>Anthus trivialis</i>           |
| 801. Upland Pipit                 | <i>Anthus sylvanus</i>            |
| 802. Water Pipit                  | <i>Anthus spinoletta</i>          |
| 803. Western Yellow Wagtail       | <i>Motacilla flava</i>            |
| 804. White Wagtail                | <i>Motacilla alba</i>             |
| 805. White-browed Wagtail         | <i>Motacilla maderaspatensis</i>  |
| <b>PITTAS</b>                     |                                   |
| 806. Blue Pitta                   | <i>Hydrornis cyaneus</i>          |

|      |                   |                            |
|------|-------------------|----------------------------|
| 807. | Blue-naped Pitta  | <i>Hydrornisnipalensis</i> |
| 808. | Blue-winged Pitta | <i>Pitta moluccensis</i>   |
| 809. | Hooded Pitta      | <i>Pitta sordida</i>       |
| 810. | Indian Pitta      | <i>Pitta brachyura</i>     |
| 811. | Mangrove Pitta    | <i>Pitta megarhyncha</i>   |

#### **PLOVERS AND LAPWINGS**

|      |                        |                                 |
|------|------------------------|---------------------------------|
| 812. | American Golden Plover | <i>Pluvialisdominica</i>        |
| 813. | Caspian Plover         | <i>Charadrius asiaticus</i>     |
| 814. | Common Ringed Plover   | <i>Charadrius hiaticula</i>     |
| 815. | Eurasian Golden Plover | <i>Pluvialisapricaria</i>       |
| 816. | Greater Sand Plover    | <i>Charadrius leschenaultii</i> |
| 817. | Grey Plover            | <i>Pluvialissquatarola</i>      |
| 818. | Grey-headed Lapwing    | <i>Vanellus cinereus</i>        |
| 819. | Kentish Plover         | <i>Charadrius alexandrinus</i>  |
| 820. | Lesser Sand Plover     | <i>Charadrius mongolus</i>      |
| 821. | Little Ringed Plover   | <i>Charadrius dubius</i>        |
| 822. | Long-billed Plover     | <i>Charadrius placidus</i>      |
| 823. | Northern Lapwing       | <i>Vanellusvanellus</i>         |
| 824. | Oriental Plover        | <i>Charadrius veredus</i>       |
| 825. | Pacific Golden Plover  | <i>Pluvialis fulva</i>          |
| 826. | Red-wattled Lapwing    | <i>Vanellus indicus</i>         |
| 827. | River Lapwing          | <i>Vanellusduwaucelii</i>       |
| 828. | White-tailed Lapwing   | <i>Vanellusleucurus</i>         |
| 829. | Yellow-wattled Lapwing | <i>Vanellusmalabaricus</i>      |

#### **RAILS AND COOTS**

|      |                         |                               |
|------|-------------------------|-------------------------------|
| 830. | Andaman Crake           | <i>Rallinacanningi</i>        |
| 831. | Baillon's Crake         | <i>Zaporniapusilla</i>        |
| 832. | Black-tailed Crake      | <i>Zaporniabicolor</i>        |
| 833. | Brown Crake             | <i>Zaporniaakool</i>          |
| 834. | Brown-cheeked Rail      | <i>Rallus indicus</i>         |
| 835. | Common Moorhen          | <i>Gallinula chloropus</i>    |
| 836. | Corncrake               | <i>Crex crex</i>              |
| 837. | Eurasian Coot           | <i>Fulicaatra</i>             |
| 838. | Grey-headed Swamphen    | <i>Porphyriopoliocephalus</i> |
| 839. | Little Crake            | <i>Zapornia parva</i>         |
| 840. | Ruddy-breasted Crake    | <i>Zaporniafusca</i>          |
| 841. | Slaty-breasted Rail     | <i>Lewinia striata</i>        |
| 842. | Slaty-legged Crake      | <i>Rallinaeurizonoides</i>    |
| 843. | Spotted Crake           | <i>Porzanaporzana</i>         |
| 844. | Water Rail              | <i>Rallus aquaticus</i>       |
| 845. | Watercock               | <i>Gallixrex cinerea</i>      |
| 846. | White-breasted Waterhen | <i>Amaurornisphoenicurus</i>  |



|      |                                 |                                 |
|------|---------------------------------|---------------------------------|
| 847. | White-browed Crake              | <i>Poliolimnas cinereus</i>     |
|      | <b>REED WARBLERS AND ALLIES</b> |                                 |
| 848. | Black-browed Reed Warbler       | <i>Acrocephalusbistrigiceps</i> |
| 849. | Blunt-winged Warbler            | <i>Acrocephalusconcinens</i>    |
| 850. | Blyth's Reed Warbler            | <i>Acrocephalusdumetorum</i>    |
| 851. | Booted Warbler                  | <i>Iduna caligata</i>           |
| 852. | Clamorous Reed Warbler          | <i>Acrocephalusstentoreus</i>   |
| 853. | Great Reed Warbler              | <i>Acrocephalusarundinaceus</i> |
| 854. | Large-billed Reed Warbler       | <i>Acrocephalusorinus</i>       |
| 855. | Moustached Warbler              | <i>Acrocephalusmelanopogon</i>  |
| 856. | Oriental Reed Warbler           | <i>Acrocephalusorientalis</i>   |
| 857. | Paddyfield Warbler              | <i>Acrocephalusagricola</i>     |
| 858. | Sedge Warbler                   | <i>Acrocephalusshoenobaenus</i> |
| 859. | Sykes's Warbler                 | <i>Idunarama</i>                |
| 860. | Thick-billed Warbler            | <i>Arundinaxaedon</i>           |
|      | <b>ROLLERS</b>                  |                                 |
| 861. | Dollarbird                      | <i>Eurystomusorientalis</i>     |
| 862. | European Roller                 | <i>Coracias garrulus</i>        |
| 863. | Indian Roller                   | <i>Coracias benghalensis</i>    |
| 864. | Indochinese Roller              | <i>Coracias affinis</i>         |
|      | <b>SANDGROUSES</b>              |                                 |
| 865. | Black-bellied Sandgrouse        | <i>Pteroclesorientalis</i>      |
| 866. | Chestnut-bellied Sandgrouse     | <i>Pteroclessexustus</i>        |
| 867. | Painted Sandgrouse              | <i>Pterocles indicus</i>        |
| 868. | Pallas's Sandgrouse             | <i>Syrrhaptes paradoxus</i>     |
| 869. | Pin-tailed Sandgrouse           | <i>Pteroclesalchata</i>         |
| 870. | Spotted Sandgrouse              | <i>Pteroclessenegallus</i>      |
| 871. | Tibetan Sandgrouse              | <i>Syrrhaptestibetanus</i>      |
|      | <b>SANDPIPERS</b>               |                                 |
| 872. | Asian Dowitcher                 | <i>Limnodromussemipalmatus</i>  |
| 873. | Bar-tailed Godwit               | <i>Limosalapponica</i>          |
| 874. | Black-tailed Godwit             | <i>Limosalimosa</i>             |
| 875. | Broad-billed Sandpiper          | <i>Calidris falcinellus</i>     |
| 876. | Buff-breasted Sandpiper         | <i>Calidris subruficollis</i>   |
| 877. | Common Greenshank               | <i>Tringanebularia</i>          |
| 878. | Common Redshank                 | <i>Tringatotanus</i>            |
| 879. | Common Sandpiper                | <i>Actitishypoleucos</i>        |
| 880. | Common Snipe                    | <i>Gallinagogallinago</i>       |
| 881. | Curlew Sandpiper                | <i>Calidris ferruginea</i>      |
| 882. | Dunlin                          | <i>Calidris alpina</i>          |
| 883. | Eurasian Curlew                 | <i>Numenius arquata</i>         |
| 884. | Eurasian Woodcock               | <i>Scolopaxrusticola</i>        |
| 885. | Great Snipe                     | <i>Gallinago media</i>          |
| 886. | Green Sandpiper                 | <i>Tringaochropus</i>           |
| 887. | Grey-tailed Tattler             | <i>Tringabrevipes</i>           |
| 888. | Jack Snipe                      | <i>Lymnocyptesminus</i>         |

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| 889. Little Stint                     | <i>Calidris minuta</i>            |
| 890. Long-billed Dowitcher            | <i>Limnodromus scolopaceus</i>    |
| 891. Long-toed Stint                  | <i>Calidris subminuta</i>         |
| 892. Marsh Sandpiper                  | <i>Tringastagnatilis</i>          |
| 893. Pectoral Sandpiper               | <i>Calidris melanotos</i>         |
| 894. Pintail Snipe                    | <i>Gallinagostenura</i>           |
| 895. Red Knot                         | <i>Calidris canutus</i>           |
| 896. Red Phalarope                    | <i>Phalaropus fulicarius</i>      |
| 897. Red-necked Phalarope             | <i>Phalaropus lobatus</i>         |
| 898. Red-necked Stint                 | <i>Calidris ruficollis</i>        |
| 899. Ruddy Turnstone                  | <i>Arenaria interpres</i>         |
| 900. Ruff                             | <i>Calidris pugnax</i>            |
| 901. Sanderling                       | <i>Calidris alba</i>              |
| 902. Sharp-tailed Sandpiper           | <i>Calidris acuminata</i>         |
| 903. Solitary Snipe                   | <i>Gallinago solitaria</i>        |
| 904. Spotted Redshank                 | <i>Tringa erythropus</i>          |
| 905. Swinhoe's Snipe                  | <i>Gallinagomegala</i>            |
| 906. Temminck's Stint                 | <i>Calidris temminckii</i>        |
| 907. Terek Sandpiper                  | <i>Xenus cinereus</i>             |
| 908. Whimbrel                         | <i>Numenius phaeopus</i>          |
| 909. Wood Sandpiper                   | <i>Tringaglareola</i>             |
| <b>SCIMITAR BABBLERS AND ALLIES</b>   |                                   |
| 910. Bar-winged Wren Babbler          | <i>Spelaeornis troglodytoides</i> |
| 911. Black-chinned Babbler            | <i>Cyanodermapyrrhops</i>         |
| 912. Buff-chested Babbler             | <i>Cyanoderma ambiguum</i>        |
| 913. Cachar Wedge-billed Babbler      | <i>Stachyris roberti</i>          |
| 914. Chestnut-capped Babbler          | <i>Timalia pileata</i>            |
| 915. Chin Hills Wren Babbler          | <i>Spelaeornis isoatesi</i>       |
| 916. Coral-billed Scimitar Babbler    | <i>Pomatorhinus ferruginosus</i>  |
| 917. Dark-fronted Babbler             | <i>Dumetia atriceps</i>           |
| 918. Golden Babbler                   | <i>Cyanoderma chrysaeum</i>       |
| 919. Grey-bellied Wren Babbler        | <i>Spelaeornis reptatus</i>       |
| 920. Grey-throated Babbler            | <i>Stachyris nigriceps</i>        |
| 921. Indian Scimitar Babbler          | <i>Pomatorhinus horsfieldii</i>   |
| 922. Large Scimitar Babbler           | <i>Erythrogenys hypoleucos</i>    |
| 923. Pin-striped Tit Babbler          | <i>Mixornis gularis</i>           |
| 924. Red-billed Scimitar Babbler      | <i>Pomatorhinus ochraceiceps</i>  |
| 925. Rufous-capped Babbler            | <i>Cyanoderma ruficeps</i>        |
| 926. Rufous-throated Wren Babbler     | <i>Spelaeornis caudatus</i>       |
| 927. Rusty-cheeked Scimitar Babbler   | <i>Erythrogenys erythrogenys</i>  |
| 928. Sikkim Wedge-billed Babbler      | <i>Stachyris humei</i>            |
| 929. Slender-billed Scimitar Babbler  | <i>Pomatorhinus superciliaris</i> |
| 930. Snowy-throated Babbler           | <i>Stachyris oglei</i>            |
| 931. Spot-breasted Scimitar Babbler   | <i>Erythrogenys maclellandi</i>   |
| 932. Streak-breasted Scimitar Babbler | <i>Pomatorhinus ruficollis</i>    |
| 933. Tawny-bellied Babbler            | <i>Dumetia hyperythra</i>         |

|   |  |                                 |
|---|--|---------------------------------|
| 934.  | Tawny-breasted Wren Babbler                              | <i>Spelaeorislongicaudatus</i>  |
| 935.  | White-browed Scimitar Babbler                            | <i>Pomatorhinusschisticeps</i>  |
| <b>SHRIKE-BABLERS AND ALLIES</b>            |  |                                 |
| 936.  | Black-eared Shrike-babbler                               | <i>Pteruthiusmelanotis</i>      |
| 937.  | Black-headed Shrike-babbler/White browed Shrike -babbler | <i>Pteruthiusrufiventer</i>     |
| 938.  | Blyth's Shrike-babbler                                   | <i>Pteruthiusaeralatus</i>      |
| 939.  | Clicking Shrike-babbler                                  | <i>Pteruthius intermedius</i>   |
| 940.  | Green Shrike-babbler                                     | <i>Pteruthiusxanthochlorus</i>  |
| 941.  | Himalayan Shrike-babbler                                 | <i>Pteruthiusripleyi</i>        |
| 942.  | White-bellied Erpornis/White- bellied Yuhina             | <i>Erporniszantholeuca</i>      |
| <b>SHRIKES</b>                              |  |                                 |
| 943.  | Bay-backed Shrike  | <i>Laniusvittatus</i>           |
| 944.  | Brown Shrike   | <i>Laniuscristatus</i>          |
| 945.  | Burmese Shrike   | <i>Laniuscollurioides</i>       |
| 946.  | Great Grey Shrike  | <i>Laniusexcubitor</i>          |
| 947.  | Grey-backed Shrike                                       | <i>Laniustephronotus</i>        |
| 948.  | Isabelline Shrike  | <i>Laniusisabellinus</i>        |
| 949.  | Lesser Grey Shrike                                       | <i>Lanius minor</i>             |
| 950.  | Long-tailed Shrike                                       | <i>Laniusschach</i>             |
| 951.  | Masked Shrike  | <i>Laniusnubicus</i>            |
| 952.  | Red-backed Shrike  | <i>Laniuscollurio</i>           |
| 953.  | Red-tailed Shrike  | <i>Laniusphoenicuroides</i>     |
| 954.  | Woodchat Shrike  | <i>Lanius senator</i>           |
| <b>SKUAS</b>                                |  |                                 |
| 955.  | Arctic Skua/Arctic Jaeger                                | <i>Stercorariusparasiticus</i>  |
| 956.  | Brown Skua   | <i>Stercorariusantarcticus</i>  |
| 957.  | Long-tailed Skua/Long-tailed Jaeger                      | <i>Stercorariuslongicaudus</i>  |
| 958.  | Pomarine Skua/Pomarine Jaeger                            | <i>Stercorariuspomarinus</i>    |
| 959.  | South Polar Skua   | <i>Stercorariusmaccormicki</i>  |
| <b>SMALL BABBLERS, FULVETTAS AND ALLIES</b> |  |                                 |
| 960.  | Abbott's Babbler   | <i>Malacocinclaabbotti</i>      |
| 961.  | Buff-breasted Babbler                                    | <i>Pellorneumtickelli</i>       |
| 962.  | Eyebrowed Wren Babbler                                   | <i>Napotheraepilepidota</i>     |
| 963.  | Indian Grassbird/Indian Grass-babbler                    | <i>Graminicola bengalensis</i>  |
| 964.  | Long-billed Wren Babbler                                 | <i>Napotheramalacoptila</i>     |
| 965.  | Puff-throated Babbler                                    | <i>Pellorneumruficeps</i>       |
| 966.  | Rufous-throated Fulvetta                                 | <i>Schoeniparusrufogularis</i>  |
| 967.  | Rufous-winged Fulvetta                                   | <i>Schoeniparuscastaneiceps</i> |
| 968.  | Rusty-capped Fulvetta                                    | <i>Schoeniparusdubius</i>       |
| 969.  | Spot-throated Babbler                                    | <i>Pellorneumalbiventre</i>     |
| 970.  | Streaked Wren Babbler                                    | <i>Gypsophila brevicaudata</i>  |
| 971.  | White-hooded Babbler                                     | <i>Gampsorhynchusrufulus</i>    |

972. Yellow-throated Fulvetta

*Schoeniparus cinereus*

**SPARROWS AND SNOWFINCHES**

973. Black-winged Snowfinch

*Montifringilla adamsi*

974. Blanford's or Plain-backed Snowfinch

*Pyrgilaudablanfordi*

975. Eurasian Tree Sparrow

*Passer montanus*

976. House Sparrow

*Passer domesticus*

977. Pale Rockfinch/Pale Sparrow

*Carpospizabrachydaactyla*

978. Rock Sparrow

*Petroniapetronia*

979. Rufous-necked Snowfinch

*Pyrgilauda ruficollis*

980. Russet Sparrow

*Passer cinnamomeus*

981. Sind Sparrow

*Passer pyrrhonotus*

982. Spanish Sparrow

*Passer hispaniolensis*

983. White-rumped Snowfinch

*Onychostruthustaczanowskii*

984. Yellow-throated Sparrow

*Gymnorisxanthocollis*

**STARLINGS AND MYNAS**

985. Asian Glossy Starling

*Aplonispanayensis*

986. Asian Pied Starling

*Gracupica contra*

987. Bank Myna

*Acridotheresginginianus*

988. Brahminy Starling

*Sturniapagodarum*

989. Chestnut-cheeked Starling

*Agropsarphilippensis*

990. Chestnut-tailed Starling

*Sturniamalabarica*

991. Collared Myna

*Acridotheresalbocinctus*

992. Common Starling

*Sturnus vulgaris*

993. Daurian or Purple-backed Starling

*Agropsarsturninus*

994. Golden-crested Myna

*Ampelicepscoronatus*

995. Great Myna

*Acridotheres grandis*

996. Jungle Myna

*Acridotheresfuscus*

997. Malabar Starling

*Sturniablythii*

998. Red-billed Starling

*Spodiopsarsericeus*

999. Rosy Starling

*Pastor roseus*

1000. Southern Hill Myna

*Gracula indica*

1001. Spot-winged Starling

*Saroglossaspilopterus*

1002. White-cheeked Starling

*Spodiopsarcineraceus*

1003. White-headed Starling

*Sturniaerythropygia*

**STILTS AND AVOCETS**

1004. Black-winged Stilt

*Himantopus himantopus*

1005. Pied Avocet

*Recurvirostraavosetta*

**STORKS**

1006. Asian Openbill

*Anastomusoscitans*

1007. Asian Woolly-necked Stork

*Ciconia episcopus*

1008. Black Stork

*Ciconia nigra*

1009. Black-necked Stork

*Ephippiorhynchus asiaticus*

1010. Painted Stork

*Mycteria leucocephala*

1011. White Stork

*Ciconia ciconia*

## SUNBIRDS

|                              |                                |
|------------------------------|--------------------------------|
| 1012. Black-throated Sunbird | <i>Aethopygasaturata</i>       |
| 1013. Crimson Sunbird        | <i>Aethopygasiparaja</i>       |
| 1014. Crimson-backed Sunbird | <i>Leptocoma minima</i>        |
| 1015. Fire-tailed Sunbird    | <i>Aethopygaignicauda</i>      |
| 1016. Green-tailed Sunbird   | <i>Aethopyganipalensis</i>     |
| 1017. Little Spiderhunter    | <i>Arachnotheralongirostra</i> |
| 1018. Loten's Sunbird        | <i>Cinnyrislotenius</i>        |
| 1019. Mrs Gould's Sunbird    | <i>Aethopygagouldiae</i>       |
| 1020. Olive-backed Sunbird   | <i>Cinnyris jugularis</i>      |
| 1021. Purple Sunbird         | <i>Cinnyris asiaticus</i>      |
| 1022. Purple-rumped Sunbird  | <i>Leptocomazeylonica</i>      |
| 1023. Ruby-cheeked Sunbird   | <i>Chalcopariasingalensis</i>  |
| 1024. Streaked Spiderhunter  | <i>Arachnothera magna</i>      |
| 1025. Van Hasselt's Sunbird  | <i>Leptocomabrasiliana</i>     |
| 1026. Vigors's Sunbird       | <i>Aethopygavigorsii</i>       |

## SWALLOWS AND MARTINS

|                                  |                               |
|----------------------------------|-------------------------------|
| 1027. Asian House Martin         | <i>Delichondasypus</i>        |
| 1028. Barn Swallow               | <i>Hirundorustica</i>         |
| 1029. Dusky Crag Martin          | <i>Ptyonoprogne concolor</i>  |
| 1030. Eurasian Crag Martin       | <i>Ptyonoprognerrupestris</i> |
| 1031. Grey-throated Martin       | <i>Riparia chinensis</i>      |
| 1032. Hill Swallow/House Swallow | <i>Hirundodomicola</i>        |
| 1033. Nepal House Martin         | <i>Delichonnipalense</i>      |
| 1034. Northern House Martin      | <i>Delichonurbicum</i>        |
| 1035. Pacific Swallow            | <i>Hirundotahitica</i>        |
| 1036. Pale Martin                | <i>Riparia diluta</i>         |
| 1037. Red-rumped Swallow         | <i>Cecropisdaurica</i>        |
| 1038. Sand Martin                | <i>Riparia riparia</i>        |
| 1039. Streak-throated Swallow    | <i>Petrochelidonfluvicola</i> |
| 1040. Striated Swallow           | <i>Cecropisstriolata</i>      |
| 1041. Wire-tailed Swallow        | <i>Hirundosmithii</i>         |

## SWIFTS

|                                |                                  |
|--------------------------------|----------------------------------|
| 1042. Alpine Swift             | <i>Tachymarptis melba</i>        |
| 1043. Asian Palm Swift         | <i>Cypsiurusbalasiensis</i>      |
| 1044. Blyth's Swift            | <i>Apus leuconyx</i>             |
| 1045. Brown-backed Needletail  | <i>Hirundapus giganteus</i>      |
| 1046. Common Swift             | <i>Apus apus</i>                 |
| 1047. Himalayan Swiftlet       | <i>Aerodramusbrevirostris</i>    |
| 1048. Indian House Swift       | <i>Apus affinis</i>              |
| 1049. Indian Swiftlet          | <i>Aerodramus unicolor</i>       |
| 1050. Nepal House Swift        | <i>Apus nipalensis</i>           |
| 1051. Pacific Swift            | <i>Apus pacificus</i>            |
| 1052. Plume-toed Swiftlet      | <i>Collocalia affinis</i>        |
| 1053. Silver-backed Needletail | <i>Hirundapuscochinchinensis</i> |
| 1054. White-rumped Spinetail   | <i>Zoonavena sylvatica</i>       |

|                                   |                                |
|-----------------------------------|--------------------------------|
| 1055. White-throated Needletail   | <i>Hirundapuscaudacutus</i>    |
| <b>SYLVIA WARBLERS AND ALLIES</b> |                                |
| 1056. Asian Desert Warbler        | <i>Curruca nana</i>            |
| 1057. Barred Warbler              | <i>Currucanisoria</i>          |
| 1058. Common Whitethroat          | <i>Curruca communis</i>        |
| 1059. Eastern Orphean Warbler     | <i>Currucacrassirostris</i>    |
| 1060. Garden Warbler              | <i>Sylvia borin</i>            |
| 1061. Lesser Whitethroat          | <i>Currucacurruca</i>          |
| <b>THICK-KNEES</b>                |                                |
| 1062. Beach Thick-knee            | <i>Esacusmagirostris</i>       |
| 1063. Great Thick-knee            | <i>Esacusrecurvirostris</i>    |
| 1064. Indian Thick-knee           | <i>Burhinus indicus</i>        |
| <b>THRUSHES AND ALLIES</b>        |                                |
| 1065. Alpine Thrush               | <i>Zootheramollissima</i>      |
| 1066. Black-breasted Thrush       | <i>Turdus dissimilis</i>       |
| 1067. Black-throated Thrush       | <i>Turdus atrogularis</i>      |
| 1068. Chestnut Thrush             | <i>Turdus rubrocanus</i>       |
| 1069. Chinese Thrush              | <i>Otocichlamupinensis</i>     |
| 1070. Dark-sided Thrush           | <i>Zootheramarginata</i>       |
| 1071. Dusky Thrush                | <i>Turdus eunomus</i>          |
| 1072. Eyebrowed Thrush            | <i>Turdus obscurus</i>         |
| 1073. Fieldfare                   | <i>Turdus pilaris</i>          |
| 1074. Grandala                    | <i>Grandala coelicolor</i>     |
| 1075. Green Cochoa                | <i>Cochoaviridis</i>           |
| 1076. Grey-sided Thrush           | <i>Turdus feae</i>             |
| 1077. Grey-winged Blackbird       | <i>Turdus boulboul</i>         |
| 1078. Himalayan Forest Thrush     | <i>Zootherasalimalii</i>       |
| 1079. Indian Blackbird            | <i>Turdus simillimus</i>       |
| 1080. Japanese Thrush             | <i>Turdus cardis</i>           |
| 1081. Kessler's Thrush            | <i>Turdus kessleri</i>         |
| 1082. Long-billed Thrush          | <i>Zootheramonticola</i>       |
| 1083. Long-tailed Thrush          | <i>Zootheradixoni</i>          |
| 1084. Mistle Thrush               | <i>Turdus viscivorus</i>       |
| 1085. Naumann's Thrush            | <i>Turdus naumanni</i>         |
| 1086. Nilgiri Thrush              | <i>Zootheraneilgherriensis</i> |
| 1087. Orange-headed Thrush        | <i>Geokichlacitrina</i>        |
| 1088. Pied Thrush                 | <i>Geokichlawardii</i>         |
| 1089. Purple Cochoa               | <i>Cochoa purpurea</i>         |
| 1090. Red-throated Thrush         | <i>Turdus ruficollis</i>       |
| 1091. Scaly Thrush                | <i>Zootheradauma</i>           |
| 1092. Siberian Thrush             | <i>Geokichlasibirica</i>       |
| 1093. Song Thrush                 | <i>Turdus philomelos</i>       |
| 1094. Tibetan Blackbird           | <i>Turdus maximus</i>          |
| 1095. Tickell's Thrush            | <i>Turdus unicolor</i>         |
| 1096. White-collared Blackbird    | <i>Turdus albocinctus</i>      |
| <b>TITS</b>                       |                                |

|                                       |                                  |
|---------------------------------------|----------------------------------|
| 1097. Azure Tit                       | <i>Cyanistes cyanus</i>          |
| 1098. Cinereous Tit                   | <i>Parus cinereus</i>            |
| 1099. Coal Tit                        | <i>Periparusater</i>             |
| 1100. Fire-capped Tit                 | <i>Cephalopyrusflammiceps</i>    |
| 1101. Green-backed Tit                | <i>Parus monticolus</i>          |
| 1102. Grey-crested Tit                | <i>Lophophanesdichrous</i>       |
| 1103. Ground Tit                      | <i>Pseudopodoces humilis</i>     |
| 1104. Himalayan Black-lored Tit       | <i>Machlolophusxanthogenys</i>   |
| 1105. Indian Black-lored Tit          | <i>Machlolophusaplnotus</i>      |
| 1106. Rufous-naped Tit                | <i>Periparusrufonuchalis</i>     |
| 1107. Rufous-vented Tit               | <i>Periparusrubidiventris</i>    |
| 1108. Sultan Tit                      | <i>Melanochlorasultanea</i>      |
| 1109. White-naped Tit                 | <i>Machlolophusnuchalis</i>      |
| 1110. Yellow-browed Tit               | <i>Sylviparusmodestus</i>        |
| 1111. Yellow-cheeked Tit              | <i>Machlolophusspilonotus</i>    |
| <b>TREE-CREEPERS AND ALLIES</b>       |                                  |
| 1112. Bar-tailed Treecreeper          | <i>Certhiahimalayana</i>         |
| 1113. Hodgson's Treecreeper           | <i>Certhiahodgsoni</i>           |
| 1114. Hume's Treecreeper              | <i>Certhiamanipurensis</i>       |
| 1115. Indian Spotted Creeper          | <i>Salpornisspilonota</i>        |
| 1116. Rusty-flanked Treecreeper       | <i>Certhianipalensis</i>         |
| 1117. Sikkim Treecreeper              | <i>Certhiadicolor</i>            |
| <b>TREESWIFTS</b>                     |                                  |
| 1118. Crested Treeswift               | <i>Hemiprocne coronata</i>       |
| <b>TROGONS</b>                        |                                  |
| 1119.                                 |                                  |
| 1120. Malabar Trogon                  | <i>Harpactes fasciatus</i>       |
| 1121. Red-headed Trogon               | <i>Harpactes erythrocephalus</i> |
| 1122. Ward's Trogon                   | <i>Harpactes wardi</i>           |
| <b>TROPICBIRDS</b>                    |                                  |
| 1123. Red-billed Tropicbird           | <i>Phaethon aethereus</i>        |
| 1124. Red-tailed Tropicbird           | <i>Phaethon rubricauda</i>       |
| 1125. White-tailed Tropicbird         | <i>Phaethon lepturus</i>         |
| <b>WALLCREEPER</b>                    |                                  |
| 1126. Wallcreeper                     | <i>Tichodromamuraria</i>         |
| <b>WAXWINGS</b>                       |                                  |
| 1127. Bohemian Waxwing                | <i>Bombycillagarrulus</i>        |
| <b>WEAVERS</b>                        |                                  |
| 1128. Baya Weaver                     | <i>Ploceus philippinus</i>       |
| 1129. Black-breasted Weaver           | <i>Ploceus benghalensis</i>      |
| 1130. Streaked Weaver                 | <i>Ploceus manyar</i>            |
| <b>WHISTLERS</b>                      |                                  |
| 1131. Mangrove Whistler               | <i>Pachycephala cinerea</i>      |
| <b>WHITE-EYES, YUHINAS AND ALLIES</b> |                                  |
| 1132. Black-chinned Yuhina            | <i>Yuhina nigrimenta</i>         |
| 1133. Chestnut-flanked White-eye      | <i>Zosterops erythropleurus</i>  |

1134. Indian White-eye  
 1135. Rufous-vented Yuhina  
 1136. Striated Yuhina  
 1137. Stripe-throated Yuhina  
 1138. Whiskered Yuhina  
 1139. White-naped Yuhina

**WOODPECKERS AND ALLIES**

1140. Andaman Woodpecker  
 1141. Bay Woodpecker  
 1142. Black-rumped Flameback  
 1143. Brown-capped Pygmy Woodpecker  
 1144. Brown-fronted Woodpecker  
 1145. Common Flameback  
 1146. Crimson-breasted Woodpecker  
 1147. Darjeeling Woodpecker  
 1148. Eurasian Wryneck  
 1149. Freckle-breasted Woodpecker  
 1150. Fulvous-breasted Woodpecker  
 1151. Great Spotted Woodpecker  
 1152. Greater Flameback  
 1153. Greater Yellownape  
 1154. Grey-capped Pygmy Woodpecker  
 1155. Grey-headed Woodpecker  
 1156. Heart-spotted Woodpecker  
 1157. Himalayan Flameback  
 1158. Himalayan Woodpecker  
 1159. Lesser Yellownape  
 1160. Pale-headed Woodpecker  
 1161. Rufous Woodpecker  
 1162. Rufous-bellied Woodpecker  
 1163. Scaly-bellied Woodpecker  
 1164. Sind Woodpecker  
 1165. Speckled Piculet  
 1166. Streak-throated Woodpecker  
 1167. Stripe-breasted Woodpecker  
 1168. White-bellied Woodpecker  
 1169. White-browed Piculet  
 1170. White-naped Woodpecker  
 1171. Yellow-crowned Woodpecker

*Zosteropsalpebrosus*  
*Yuhina occipitalis*  
*Staphidacastaniceps*  
*Yuhina gularis*  
*Yuhina flavicollis*  
*Yuhina bakeri*

*Dryocopus hodgii*  
*Blythipicus pyrrhotis*  
*Dinopium benghalense*  
*Yungipicus nanus*  
*Dendrocoptes auriceps*  
*Dinopium javanense*  
*Dryobates cathpharius*  
*Dendrocopos darjellensis*  
*Jynx torquilla*  
*Dendrocopos analis*  
*Dendrocopos macei*  
*Dendrocopos major*  
*Chrysocolaptes guttacristatus*  
*Chrysophlegma flavinucha*  
*Yungipicus canicapillus*  
*Picus canus*  
*Hemicircus canente*  
*Dinopium shorii*  
*Dendrocopos himalayensis*  
*Picus chlorolophus*  
*Gecinulus grantia*  
*Micropternus brachyurus*  
*Dendrocopos hyperythrus*  
*Picus squamatus*  
*Dendrocopos assimilis*  
*Picus nunnominatus*  
*Picus xanthopygaeus*  
*Dendrocopos atratus*  
*Dryocopus javensis*  
*Sasia ochracea*  
*Chrysocolaptes festivus*  
*Leiopicus mahrattensis*

**WOODSHRIKES AND ALLIES**

1172. Bar-winged Flycatcher-shrike  
 1173. Common Woodshrike  
 1174. Large Woodshrike  
 1175. Malabar Woodshrike

**WOODSWALLOWS**

*Hemipus picatus*  
*Tephrodornis pondicerianus*  
*Tephrodornis virgatus*  
*Tephrodornis sylvicola*



|                                   |                                |
|-----------------------------------|--------------------------------|
| 1176. Ashy Woodswallow            | <i>Artamusfuscus</i>           |
| 1177. White-breasted Woodswallow  | <i>Artamusleucorynchus</i>     |
| <b>WREN BABBLERS</b>              |                                |
| 1178. Nepal Wren Babbler          | <i>Pnoepygaimmaculata</i>      |
| 1179. Pygmy Wren Babbler          | <i>Pnoepygapusilla</i>         |
| 1180. Scaly-breasted Wren Babbler | <i>Pnoepygaalbiventer</i>      |
| <b>WRENS</b>                      |                                |
| 1181. Northern Wren/Eurasian Wren | <i>Troglodytes troglodytes</i> |

### Part C: REPTILES

| Sl. No.                          | Common Name                                | Scientific Name                  |
|----------------------------------|--|----------------------------------|
| <b>GECKOS</b>                    |  |                                  |
| 1.                               | Clouded Indian Gecko                       | <i>Cyrtodactylus nebulosus</i>   |
| 2.                               | East Indian Leopard Gecko                  | <i>Eublepharishardwickii</i>     |
| 3.                               | Leopard Gecko                              | <i>Eublepharismacularius</i>     |
| 4.                               | West Indian Leopard Gecko                  | <i>Eublepharisfuscus</i>         |
| <b>COBRAS</b>                    |  |                                  |
| 5.                               | Andaman Cobra                              | <i>Najasagittifera</i>           |
| 6.                               | Central Asian Cobra                        | <i>Najaoxiana</i>                |
| 7.                               | Common Cobra/ Spectacled Cobra             | <i>Najanaja</i>                  |
| 8.                               | Monocled Cobra/<br>Monocellate Cobra       | <i>Najakaouthia</i>              |
| <b>OTHER SNAKES</b>              |  |                                  |
| 9.                               | Asiatic Water Snake/<br>Checkered Keelback | <i>Fowlea piscator</i>           |
| 10.                              | Banded Krait                               | <i>Bungarus fasciatus</i>        |
| 11.                              | Camel Snake                                | <i>Spalerosophisdiadema</i>      |
| 12.                              | Dhaman/ Oriental Ratsnake                  | <i>Ptyas mucosa</i>              |
| 13.                              | Glossy-bellied Racer                       | <i>Platycephsventromaculatus</i> |
| 14.                              | Mandarin Trinket Snake                     | <i>Euprepiophismandarinus</i>    |
| 15.                              | Red-spotted Diadem Snake                   | <i>Spalerosophisarenarius</i>    |
| <b>TURTLES AND<br/>TORTOISES</b> |  |                                  |
| 16.                              | Assam Leaf Turtle                          | <i>Cyclemysgemeli</i>            |
| 17.                              | Brown Roof Turtle                          | <i>Pangshurasmithii</i>          |
| 18.                              | Indian Black Turtle                        | <i>Melanochelystrijuga</i>       |

## Part D: AMPHIBIANS

| Sl. No.      | Common Name  | Scientific Name                    |
|--------------|--|------------------------------------|
| <b>FROGS</b> |  |                                    |
| 1.           | Aloysi Skittering Frog   | <i>Phrynoderma aloysii</i>         |
| 2.           | Annandale's Frog/ Assam Hills Frog   | <i>Clinotarsusalticola</i>         |
| 3.           | Asian Brackish Frog/ Crab-eating Frog, Mangrove Frog/ Rice Field Frog                    | <i>Fejervaryacancrivora</i>        |
| 4.           | Chin Woodfrog  | <i>Sylviranalacrima</i>            |
| 5.           | Cope's Frog  | <i>Hydrophylaxleptoglossa</i>      |
| 6.           | Crab-eating Frog/ Mangrove Frog  | <i>Fejervaryamoodiei</i>           |
| 7.           | Ghosh's Frog/ Manipur Frog   | <i>Euphlyctisghoshi</i>            |
| 8.           | Giant Gliding Frog   | <i>Zhangixalusmaragdinus</i>       |
| 9.           | Golden Frog/ Bull Frog/ Indian Bull Frog/ Tiger Frog/ Tiger Peters Frog/ Indian Bullfrog | <i>Hoplobatrachustigerinus</i>     |
| 10.          | Indian Five-fingered Frog/ Indian Pond Frog/ Indian Bullfrog/ Indian Green Frog          | <i>Phrynoderma hexadactylum</i>    |
| 11.          | Indian Flying Frog   | <i>Pteroranakhare</i>              |
| 12.          | Indian Skipping Frog   | <i>Euphlyctiscyanophlyctis</i>     |
| 13.          | Indoburman Torrent Frog  | <i>Amolopsindoburmanensis</i>      |
| 14.          | Jerdon's White-lipped Horned Frog  | <i>Megophrys major</i>             |
| 15.          | Karaavali Skittering Frog  | <i>Phrynoderma karaavali</i>       |
| 16.          | Kerala Skittering Frog   | <i>Phrynoderma kerala</i>          |
| 17.          | Litoral Bullfrog   | <i>Hoplobatrachuslitoralis</i>     |
| 18.          | Malabar Bull Frog/ Jerdon's Bull Frog/ South Indian Bullfrog                             | <i>Hoplobatrachuscrassus</i>       |
| 19.          | Marbled Sucker Frog/ Marbled Cascade Frog/ Marbled Torrent Frog                          | <i>Amolopsmarmoratus</i>           |
| 20.          | Orissa Frog  | <i>Fejervaryaorissaensis</i>       |
| 21.          | Perching Frog/ Six-Lined Tree Frog/ Terai tree frog                                      | <i>Polypedatesteraiensis</i>       |
| 22.          | Purple Frog  | <i>Nasikabatrachussahyadrensis</i> |
| 23.          | Bompu Litter Frog  | <i>Leptobrachiumbompu</i>          |
| 24.          | Terai Wart Frog  | <i>Minervaryateraiensis</i>        |
| 25.          | The Kalasgram Skittering Frog  | <i>Euphlyctiskalasgramensis</i>    |
| 26.          | Twin-spotted Tree Frog   | <i>Rhacophorus bipunctatus</i>     |
| 27.          | Yellow-spotted White-lipped Horned Frog  | <i>Megophrysflavipunctata</i>      |
| 28.          | Sikkim Paa Frog  | <i>Nanoranaleibigii</i>            |

## Part E: FISHES

| Sl. No.          | Common Name              | Scientific Name               |
|------------------|--------------------------|-------------------------------|
| <b>SNAKEHEAD</b> |                          |                               |
| 1.               | Orange-spotted Snakehead | <i>Channaaurantimaculata</i>  |
| 2.               | Rainbow Snakehead        | <i>Channableheri</i>          |
| 3.               | Barca Snakehead          | <i>Channabarca</i>            |
| <b>CICHLID</b>   |                          |                               |
| 4.               | Canara Pearlspot         | <i>Etropluscanarensis</i>     |
| <b>CARPS</b>     |                          |                               |
| 5.               | Maharaja Barb            | <i>Waikhomiasahyadriensis</i> |
| <b>LOACH</b>     |                          |                               |
| 6.               | Zebra Loach              | <i>Botia striata</i>          |
| <b>CATFISH</b>   |                          |                               |
| 7.               | Ocellated Pufferfish     | <i>Leiodoncutcutia</i>        |

## Part F: INSECTS

### BUTTERFLIES

| Sl. No. | Common Name                       | Scientific Name                  |
|---------|-----------------------------------|----------------------------------|
| 1.      | Andaman Mormon Butterfly          | <i>Papilio mayo</i>              |
| 2.      | Archduke Butterfly                | <i>Lexias pardalis</i>           |
| 3.      | Blue Duchess Butterfly            | <i>Euthaliaduda</i>              |
| 4.      | Blue Oakleaf Butterfly            | <i>Kallimahorsfieldii</i>        |
| 5.      | Chain Swordtail Butterfly         | <i>Graphiumaristeus</i>          |
| 6.      | Chinese Yellow Sailer Butterfly   | <i>Neptiscydippekirbariensis</i> |
| 7.      | Clipper Butterfly                 | <i>Parthenos sylvia</i>          |
| 8.      | Common Banded Peacock Butterfly   | <i>Papiliocrino</i>              |
| 9.      | Common Bluebottle Butterfly       | <i>Graphium Sarpedon</i>         |
| 10.     | Dark Blue Royal Butterfly         | <i>Pratapa icetasmishmia</i>     |
| 11.     | Elwes' Silverline Butterfly       | <i>Spindasiselwesi</i>           |
| 12.     | Fourbar Swordtail Butterfly       | <i>Graphiumagetes</i>            |
| 13.     | Glassy Bluebottle Butterfly       | <i>Graphiumcloanthus</i>         |
| 14.     | Golden Birdwing Butterfly         | <i>Troidesaeacus</i>             |
| 15.     | Great HockeystickSailer Butterfly | <i>Phaedyma Aspasia</i>          |
| 16.     | Green Dragontail Butterfly        | <i>Lampropterameges</i>          |
| 17.     | Khaki Silverline Butterfly        | <i>Spindasis Rukmini</i>         |
| 18.     | Lister's Hairstreak Butterfly     | <i>Pamela dudgeon</i>            |
| 19.     | Mackwood's Hairstreak Butterfly   | <i>Strymonmackwoodi</i>          |
| 20.     | Malabar Banded Peacock Butterfly  | <i>Papilio buddha</i>            |

|     |  |   |
|-----|--|---|
| 21. | Malabar Tree Nymph<br>Butterfly        | <i>Idea malabarica</i>                      |
| 22. | Naga Sapphire Butterfly                | <i>Heliophoruskohimensis</i>                |
| 23. | Painted Courtesan Butterfly            | <i>Euripus consimilis</i>                   |
| 24. | Pale HockeystickSailer<br>Butterfly    | <i>Neptismanasamanasa</i>                   |
| 25. | Panther Butterfly                      | <i>Neurosigmasiva</i>                       |
| 26. | Paona Hairstreak Butterfly             | <i>Shirozuozeephyruspaona</i>               |
| 27. | Peacock Hairstreak Butterfly           | <i>Euasppavo</i>                            |
| 28. | Queen of Spain Fritillary<br>Butterfly | <i>Issorialathonia</i>                      |
| 29. | Red Lacewing Butterfly                 | <i>Cethosiabiblis</i>                       |
| 30. | Scarce Blue Oakleaf                    | <i>Kallimaknyvettii</i>                     |
| 31. | Southern Birdwing Butterfly            | <i>Troidesminos</i>                         |
| 32. | Tamil Lacewing Butterfly               | <i>Cethosianietneri</i>                     |
| 33. | Tytlar's Lascar Butterfly              | <i>Pantoporiabeitipaona</i>                 |
| 34. | Variiegated Sailer Butterfly           | <i>Neptisarmandia</i>                       |
| 35. | Watson's Hairstreak<br>Butterfly       | <i>Chrysozeephyrusdisparatuspseudoletha</i> |
| 36. | White Commodore Butterfly              | <i>Parasarpadudu</i>                        |
| 37. | Wonderfull Hairstreak<br>Butterfly     | <i>Thermozephyrusataxuszulla</i>            |
| 38. | YellowjackSailer Butterfly             | <i>Lasippavirajanar</i>                     |

## **Part G: CRABS**

**All species of Hermit Crabs of Subphylum Crustacea, Class  
Class Malacostraca, Order Decapoda, and  
Superfamily Paguroidea**

## **PART H: MOLLUSCA**

| <b>Sl. No.</b> | <b>Common Name</b>                         | <b>Scientific Name</b>         |
|----------------|--|--------------------------------|
| <b>CONCHES</b> |  |                                |
| 1.             | Arthritic Spider Conch                     | <i>Harpagoarthriticus</i>      |
| 2.             | Chiraga Spider Conch                       | <i>Harpago chiragra</i>        |
| 3.             | Giant Spider Conch                         | <i>Lambistruncatatruncata</i>  |
| 4.             | Millipede Spider Conch                     | <i>Lambismillepeda</i>         |
| 5.             | Orange Spider Conch                        | <i>Lambiscrocata</i>           |
| 6.             | Scorpion Spider Conch                      | <i>Lambisscorpius</i>          |
| 7.             | Sibbald's Conch                            | <i>Amabilipticatussibbaldi</i> |
| 8.             | Trapezium Horse Conch/<br>Striped Ox Conch | <i>Pleuroploca trapezium</i>   |
| <b>COWRIES</b> |  |                                |
| 9.             | Map Cowry                                  | <i>Leporicypraeamappa</i>      |

|     |                                    |                           |
|-----|------------------------------------|---------------------------|
| 10. | Mole Cowry/ Chocolate-banded Cowry | <i>Talpariatalpa</i>      |
| 11. | Slug-like Cowry                    | <i>Staphylaealimacine</i> |
|     | <b>OYSTER</b>                      |                           |
| 12. | Capiz Shell/ Windowpane Oyster     | <i>Placuna placenta</i>   |
|     | <b>TOP SHELL</b>                   |                           |
| 13. | Commercial Top Shell               | <i>Rochianilotica</i>     |
|     | <b>VOLUTE</b>                      |                           |
| 14. | Gold-banded Volute                 | <i>Harpulinaarausiaca</i> |

## **PART I: SPONGES**

| <b>Sl. No.</b> | <b>Scientific Name</b>  |
|----------------|---|
| 1.             | <b>All species of Demospongiae of Subclass Keratosa of the Orders and Families</b>                                    |
| 2.             | <b>Order Dendroceratida: Family Dictyodendrillidae</b>  |
| 3.             | <b>Order Dictyoceratida: Families Dysideidae, Irciniidae, Spongiidae, Thorectidae</b>                                 |
| 4.             | <b>All species of Demospongiae of Subclass Heteroscleromorpha of the Orders and Families</b>                          |
| 5.             | <b>Order Axinellida: Families Axinellidae, Raspailiidae</b>   |
| 6.             | <b>Order Biemnida: Family Biemnidae</b>   |
| 7.             | <b>Order Bubarida: Family Dictyonellidae</b>  |
| 8.             | <b>Order Clionaida: Family Clionaidae</b>   |
| 9.             | <b>Order Haplosclerida: Families Callyspongiidae, Chalinidae, Niphatidae, Petrosiidae</b>                             |
| 10.            | <b>Order Poecilosclerida: Families Microcionidae, Latrunculiidae, Acarnidae, Chondropsidae, Myxillidae, Mycalidae</b> |
| 11.            | <b>Order Scopalinida: Family Scopalinidae</b>   |
| 12.            | <b>Order Suberitida: Family Halichondriidae</b>   |
| 13.            | <b>All species of Demospongiae of Subclass Verongimorpha of the Order and Family</b>                                  |
| 14.            | <b>Order Verongiida: Family Pseudoceratinidae</b>   |
| 15.            | <b>All species of Calcarea of Subclass Calcinea of the Order and Family</b>   |
| 16.            | <b>Order Clathrinida: Family Leucettidae</b>  |
| 17.            | <b>All species of Calcarea of Subclass Calcaronea</b>   |

## Part J: ARACHNIDA

### TARANTULAS

|    | <b>Common Name</b>  | <b>Scientific Name</b>               |
|----|---|--------------------------------------|
| 1. | Anantagiri Parachute Spider   | <i>Poecilotheriatigrinawesseli</i>   |
| 2. | Bengal Ornamental/ Chota<br>Nagpur Parachute Spider                             | <i>Poecilotheriamiranda</i>          |
| 3. | Indian Ornamental Spider/<br>Regal Parachute Spider                             | <i>Poecilotheria regalis</i>         |
| 4. | Mysore Ornamental Spider/<br>Striated Parachute Spider                          | <i>Poecilotheria striata</i>         |
| 5. | Peacock Tarantula/ Metallic<br>Parachute Spider                                 | <i>Poecilotheriametallica</i>        |
| 6. | Pederson's Ornamental<br>Spider/ Ghost Ornamental<br>Spider/ Magam Tiger Spider | <i>Poecilotheriavittate</i>          |
| 7. | Rameshwaram Ornamental/<br>Rameshwaram Parachute<br>Spider                      | <i>Poecilotheriahanumavilasumica</i> |
| 8. | Redslate Ornamental Spider/<br>Rufus Parachute Spider                           | <i>Poecilotheriarufilata</i>         |
| 9. | Salem Ornamental Spider/<br>Salem Parachute Spider                              | <i>PoecilotheriaFormosa</i>          |

### SCHEDULE III.

| Sl. No. | Scientific Name   | Common Name  | Family          | Distribution                          |
|---------|---|--|-----------------|---------------------------------------|
| 1       | <i>Aconitum heterophyllum</i>                               | Atish  | Ranunculaceae   | Central Himalaya                      |
| 2       | <i>Aenhenrya rotundifolia</i>                               | Roundleaf Henry-Orchid                                   | Orchidaceae     | South India                           |
| 3       | <i>Amentotaxus assamica</i>                                 | Assam catkin-yew   | Taxaceae        | Assam, Arunachal Pradesh              |
| 4       | <i>Anoectochilus</i> spp.                                   | Jewel Orchids  | Orchidaceae     | Many parts of India                   |
| 5       | <i>Aponogeton bruggeni</i>                                  |  | Aponogetonaceae | Western India                         |
| 6       | <i>Aponogeton nateshii</i>                                  |  | Aponogetonaceae | Maharashtra                           |
| 7       | <i>Aquilaria khasiana</i>                                   | Khasi Agarwood   | Thymelaeaceae   | Assam (S Meghalaya)                   |
| 8       | <i>Arisaema ghaticum</i>                                    | Western Ghats' Cobra Lilly                               | Araceae         | NW Ghats                              |
| 9       | <i>Athyrium kumaonicum</i> Syn. <i>Athyrium anisopterum</i> |  | Athyriaceae     | Many parts of India                   |
| 10      | <i>Ceropegia</i> spp.                                       | Ceropegia, Kandilphool (Marathi), Haman Batata (Marathi) | Apocynaceae     | Many parts of India                   |
| 11      | <i>Coptisteeta</i> .  | Yunan Goldthread   | Ranunculaceae   | Arunachal Pradesh (Mishmi Hills)      |
| 12      | <i>Crepidium</i> spp.                                       | Spur Orchids   | Orchidaceae     | Himalaya, Western Ghats               |
| 13      | <i>Crinum malabaricum</i>                                   | Malabar Crinum   | Amaryllidaceae  | Kerala                                |
| 14      | <i>Cycas</i> spp.   | Cycads   | Cycadaceae      | Many parts of India                   |
| 15      | <i>Cypripedium</i> spp.                                     | Lady Slipper Orchids                                     | Orchidaceae     | Himalaya; Many parts of India         |
| 16      | <i>Dactylorhiza</i> spp.                                    | Himalayan Marsh Orchid, Hatajari, Salam Panja            | Orchidaceae     | Himalaya                              |
| 17      | <i>Dendrobium</i> spp.                                      | Dendrobium   | Orchidaceae     | North-East India                      |
| 18      | <i>Dicliptera abuensis</i>                                  |  | Acanthaceae     | Rajasthan                             |
| 19      | <i>Dipcadi reidii</i>                                       | Reid's Dipcadi   | Liliaceae       | Uttarakhand (Kali Valley)             |
| 20      | <i>Distimakerhyncorhiza</i>                                 |  | Convolvulaceae  | India (SW Maharashtra to NW Karataka) |
| 21      | <i>Drimiarazii</i>  |  | Asparagaceae    | Maharashtra                           |
| 22      | <i>Farsetia macrantha</i>                                   |  | Brassicaceae    | NW Rajasthan                          |

|    |   |  |                  |                            |
|----|---|--|------------------|----------------------------|
| 23 | <i>Fritillaria cirrhosa</i>   | Himalayan<br>Fritillary                            | Liliaceae        | Western Himalaya           |
| 24 | <i>Gentiana kurroo</i> Syn.<br><i>Gentiana nodeskurro</i><br><i>o</i> | Kadu, Karu   | Gentianaceae     | Western Himalaya           |
| 25 | <i>Gymnadenia</i> spp.  | Himalayan<br>Fragrant Orchid                       | Orchidaceae      | Himalaya                   |
| 26 | <i>Gymnocladus assamica</i>   | Himalayan Soap<br>Pod Tree                         | Fabaceae         | Arunachal Pradesh          |
| 27 | <i>Habenaria</i> spp.   | Habenaria  | Orchidaceae      | Himalaya                   |
| 28 | <i>Hopea shingkeng</i>  |  | Dipterocarpaceae | E. Arunachal<br>Pradesh    |
| 29 | <i>Indopiptadenia oudhensis</i> Syn.<br><i>Piptadenia oudhensis</i>   | Gainti   | Fabaceae         | West & Central<br>Himalaya |
| 30 | <i>Lilium polyphyllum</i>   | White Himalayan<br>Lilly                           | Liliaceae        | Himalaya                   |
| 31 | <i>Lilium wallichianum</i>  | Wallich's<br>Himalayan Lilly                       | Liliaceae        | S India, Himalaya          |
| 32 | <i>Litsea ligustrina</i>  |  | Lauraceae        | SW India                   |
| 33 | <i>Madhuca diplostemon</i>  |  | Sapotaceae       | Kerala                     |
| 34 | <i>Mappianimmoniana</i>   | Ghanera (Mar),<br>Narkya (Mar),<br>Corilai (Tamil) | Icacinaceae      | Assam, S India             |
| 35 | <i>Meizotropis pellita</i> Syn.<br><i>Butea pellita</i>               | Patwa  | Fabaceae         | Central Himalaya           |
| 36 | <i>Nardostachys jatamansi</i>   | Jatamansi  | Caprifoliaceae   | Himalaya                   |
| 37 | <i>Odontochilus</i> spp.  | Jewel Orchids                                      | Orchidaceae      | Many parts of India        |
| 38 | <i>Paphiopedilum</i> spp.   | Lady Slipper<br>Orchids                            | Orchidaceae      | Many parts of India        |
| 39 | <i>Paris polyphylla</i>   | Himalayan Paris,<br>Love Apple                     | Melanthiaceae    | Himalaya                   |
| 40 | <i>Phlomis superba</i>  | Golden<br>Himalayan Spike                          | Lamiaceae        | West Himalaya              |
| 41 | <i>Pterocarpus santalinus</i>   | Red Sander,<br>Rakta-Chandan                       | Leguminosae      | South India                |
| 42 | <i>Renanthera imschootiana</i>  | Red Vanda  | Orchidaceae      | Arunachal Pradesh          |
| 43 | <i>Rotala sahyadrica</i>  |  | Lythraceae       | Maharashtra                |
| 44 | <i>Salacia oblonga</i>  |  | Celastraceae     | South India                |
| 45 | <i>Saussurea obvallata</i>  | Bramhakamal  | Asteraceae       | Himalaya                   |
| 46 | <i>Selaginella adunca</i>   | Spikemoss  | Selaginellaceae  | Central Himalaya           |



|    |  |  |                |                              |
|----|--|--|----------------|------------------------------|
| 47 | <i>Trachycarpustakil</i>   | Kumaon Palm,<br>Himalayan<br>Windmill Palm | Areaceae       | Himalaya                     |
| 48 | <i>Tribulus terrestris</i><br><i>var. rajasthanensis</i>                         |  | Zygophyllaceae | Arid regions of<br>Rajasthan |
| 49 | <i>Trillium</i><br><i>govanianum</i> Syn. <i>Trill</i><br><i>idiumgovanianum</i> | Nag Chhatri<br>(Hindi)                     | Melanthiaceae  | Western Himalaya             |
| 50 | <i>Urariapicta</i>   | Dabra, Shankaraja                          | Fabaceae       | Sub-tropical areas           |
| 51 | <i>Valeriana leschenaultii</i>   | Leschenault's<br>valerian                  | Caprifoliaceae | SW India                     |
| 52 | <i>Vanda coerulea</i>  | Blue Vanda                                 | Orchidaceae    | NE India                     |
| 53 | <i>Withania coagulans</i>  |  | Solanaceae     | Arid regions of<br>Rajasthan |
| 54 | <i>Zeuxine</i> spp.  | Jewel Orchids                              | Orchidaceae    | Many parts of India          |

**INDIVIDUALS/EXPERTS WHO DEPOSED BEFORE THE COMMITTEE**

1. The following Non-official Expert Witnesses appeared before the Committee on 01<sup>st</sup> February, 2022

- i. Shri Ravi Singh, Trustee, WWF-India
- ii. Shri MK Ranjitsinh, Retired Senior Bureaucrat
- iii. Shri BivashPandav, Director, Bombay Natural History Society
- iv. Shri M.D. Madhusudan, National Institute of Biological Science

2. The following Non-official Expert Witnesses attended an informal virtual consultation with the Chairperson of the Committee on 13<sup>th</sup> February, 2022:

- i. Shri Ravi Singh, Trustee, WWF-India
- ii. Shri MK Ranjitsinh, Retired Senior Bureaucrat
- iii. Shri BivashPandav, Director, Bombay Natural History Society
- iv. Shri M.D. Madhusudan, National Institute of Biological Science
- v. Shri H.S. Pabla, Retired Senior Bureaucrat
- vi. Shri Yadvendradev Jhala, Dean and Scientist-G, Wildlife Institute of India
- vii. Shri Praveen Bhargava, Trustee & Former Member-National Board for Wildlife
- viii. Shri TR Shankar Raman, Nature Conservation Foundation, Mysore
- ix. Shri Sanjay Molur, Executive Director, Zoo Outreach Organisation (ZOO)
- x. Shri Romulus Whitaker, Noted Herpetologist & Conservationist
- xi. Smt Vidya Athreya, Director, Wildlife Conservation Society – India
- xii. Shri Varun R. Goswami, Director & Senior Scientist, Conservation Initiatives
- xiii. Smt Divya Vasudev, Senior Scientist, Conservation Initiatives
- xiv. Shri Suparna Ganguly, President, Wildlife Rescue & Rehabilitation Centre (WRRC)
- xv. Shri Alok Hisarwala Gupta, Animal Rights lawyer

**LIST OF INSTITUTIONS AND INDIVIDUALS WHO HAVE SUBMITTED WRITTEN COMMENTS ON THE WILD LIFE (PROTECTION) AMENDMENT BILL, 2021**

**Individuals on behalf of institutions**

1. Shri Praveen Bhargav, Wildlife First, Bengaluru
2. Shri Ritwick Dutta, Legal Initiative for Forest & Environment, New Delhi
3. Shri T.R. Shankar Raman et al, Nature Conservation Foundation, Mysuru
4. Shri Sanjay Molur, Zoo Outreach Organisation, Coimbatore
5. Shri Varun Goswami, Conservation Initiatives, Guwahati
6. Smt. Vidya Athreya, Wildlife Conservation Society-India, Bengaluru
7. Shri M.D. Madhusudan, NCBS, Bengaluru
8. Shri Bivash Pandav, BNHS, Mumbai
9. Shri Ravi Singh, WWF India, New Delhi
10. Smt. Suparna Ganguly, WRRRC, Bengaluru
11. Shri Shibaji Charan Nayak, Wild Orissa, Bhubaneswar
12. Shri Abi Tamim Vanak, ATREE, Bengaluru
13. Shri Debaditya Sinha, Vidhi Centre for Legal Policy, New Delhi
14. Shri Samir Kumar Sinha, Wildlife Trust of India, New Delhi
15. Shri Shubhobroto Ghosh, World Animal Protection, New Delhi
16. Shri Alok Hisarwala Gupta, Justice for Animal India,
17. Smt. Debi Goenka, Conservation Action Trust, Mumbai
18. Humane Society International India, Hyderabad
19. Shri Shailendra Singh, Turtle Survival Alliance-India, Lucknow
20. True Conservation Alliance Foundation,
21. Elsie Gabriel, Young Environmentalists Programmes Trust, Mumbai
22. Smt. Nikita Dhawan, Youth for Animals
23. G. Rajesh, Paramakkavu Devaswom, Thissur
24. C. Vijayan, Thriuvambady Devaswom, Thrissur

**Eminent Conservationists/retd IFS officers/retd officials/Academics**

1. Shri M.K. Ranjitsinh, New Delhi
2. Shri Rom Whitaker, Chennai
3. Shri H.S. Pabla, Bhopal
4. Shri Akula Kishan, Guntur
5. Shri S.K. Khanduri, Dehradun
6. Shri Sanjay Kumar Srivastava, Chennai
7. Shri R.S. Bhadauria, Lucknow
8. Shri B.M.T. Rajeev, Bengaluru
9. Smt. Prerna Singh Bindra, New Delhi
10. Shri Dr. E.K. Easwaran, Aruvikkara, Kerala
11. Shri V.G. Bhandi, Sirsi
12. Shri L.A.K. Singh, Bhubaneswar
13. Shri K. Sivakumar, Pudhucherry

### **Hon'ble Members of Parliament**

1. Shrimati Hema Malini, Lok Sabha
2. Shrimati Navneet Ravi Rana, Lok Sabha
3. Shri K. Muraleedharan, Lok Sabha
4. Shri Rajmohan Unnithan, Lok Sabha
5. Dr. Lorho S. Pfoze, Lok Sabha
6. Shri Dhairyasheel S. Mane, Lok Sabha

### **Concerned Citizens**

1. Shri Manish Vaidya, Ahmedabad
2. Shri Subir Mario Chowlin, Pauri
3. Shri Dhiraj Umesh Mirajkar, Maharashtra
4. Shri Arvind Jain, New Delhi
5. Shri Bhaskar Asthana, Lucknow
6. Smt. Jhinku Banerjee, Howrah, West Bengal
7. Shri Milind Vaman Karkhanis, Panaji
8. Shri Manan Mehta, Mumbai
9. Shri Navneet Chahal, New Delhi
10. Smt. Pankti Desai
11. Shri Sanjay Kumar Singh, Rohini, Delhi
12. Shri Yogesh Kumar
13. Shri Mathen Mathew, Telangana
14. Shri Sandeep Chakrabarti, Bengaluru

### **Concerned Citizens with identical representations**

1. Shri Adnan Khan, Bengaluru
2. Shri Dinesh Kallahalli
3. Shri P. Vijayan, Salem
4. Smt. S. Jayachandran, Ooty, Tamil Nadu
5. Shri K.R. Purandara, Bengaluru
6. Shri Rajendra Prasad, Mandya, Karnataka
7. Shri Ratheesh Pisharody, Bengaluru
8. Shri Sharada Ganesh, Bengaluru
9. Shri Shreekumar, Udupi, Karnataka
10. Shri K.J. Siddharth, Bengaluru
11. Shri Srinathmba
12. Shri S. Subbaiah, Bengaluru
13. Shri Sumanas Koulagi, Mandya, Karnataka
14. Shri Sundarmuthanna, Bengaluru
15. Shri T. Vijayendra, Hyderabad, Telangana

**RATIONALE OF MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE FOR NOT ACCEPTING THE RECOMMENDATIONS OF THE COMMITTEE FOR INCORPORATING CITES COMMITMENTS IN THE WILD LIFE PROTECTION ACT, 1972 THROUGH SIMPLE AMENDMENTS IN RELEVANT SECTIONS**

**REGARDING THE DELETION OF CHAPTER VB**

The amendments suggested by the Committee will in no significant way improve India's implementation of CITES. On the other hand, they will result in application of very strict domestic regulations to CITES listed species which are not required by the Convention.

According to the CITES Secretariat's analysis, the following shortfalls exist in India's implementation of CITES: a) that the roles and functions of the Management Authority and Scientific Authorities are not clearly defined; b) that there is no legal instrument designating the Scientific Authorities and providing for their independence from the Management Authority; c) that implementation of Articles II, III, IV, V, VI and VII of the Convention through the Foreign Trade Policy rather than through legislation is not sufficient; d) that the legislation does not cover "introduction from the sea" which is one of the elements of international trade regulated by CITES; and e) that it does not cover disposal of confiscated specimens as per the requirements of Article VIII of the Convention. All of these shortfalls have been addressed in the new Chapter VB proposed in the Wild Life (Protection) Amendment Bill, 2021.

The amendments suggested by the Committee do not address most of the shortfalls mentioned above. In particular:

- a. they do not address the most important aspect of the Convention, which is the implementation of Articles III, IV, and V (i.e., the rules/conditions of trade for Appendix I, II, and III species respectively) in legislation;
- b. they do not address "introduction from the sea" which is one of the categories of trade regulated by CITES and which does not form any part of the current Act or the Foreign Trade Policy; and
- c. they do not address disposal of confiscated specimens as per the requirements of Article VIII of the Convention.

These provisions are substantive in nature and should find place in the principal Act rather than Rules made thereunder.

CITES is a technical Convention and it cannot be implemented adequately by simply making minor changes to the existing Wild Life (Protection) Act, 1972. The new Chapter VB and the amendments suggested in the Amendment Bill will result in proper implementation of CITES.

## **REGARDING APPARENT CONFLICT BETWEEN THE PROPOSED CITES PROVISIONS AND THE CURRENT ACT**

The provisions of Chapter VB lay down the regulations based on which international trade may be conducted in CITES listed species. They also provide regulations for the possession, transfer, etc. of CITES-listed live animals, and the breeding / artificial propagation of Appendix-I listed animals and plants. These regulations do not exist in legislation currently and are being introduced for the first time. Therefore, the argument that the provisions are “enabling” rather than “regulatory” is simply not true. It is also worth mentioning that the Act already contains provisions which allow for licensed dealerships for animal articles, captive animals, etc. for species listed on Schedule III and Schedule IV. Therefore, there is no inherent conflict between the Act and the object sought to be achieved by the CITES provisions.

Comments have been received indicating a fear that the provisions of the new Chapter VB may allow for breeding and trade of native Indian species listed in Schedules I and II. The proposed new Sections 49M, 49N, and 49O, which provide for registration of possession, licensing of breeding, etc., of CITES-listed species will not apply to native species listed in Schedules I and II. This is already addressed in the proposed Section 49R of the Amendment Bill which states that where “the same species is listed in Schedule I or II and Schedule IV, then, the provisions of this Act applicable to such species listed in Schedule I or II and the rules made thereunder shall apply.”

However, if there is a need, this Section may be made clearer so as to avoid any doubt.

A suggestion would be that the proposed Section 49R be modified to read as follows:

“49R.- (1) Nothing in Sections 49M, 49N, or 49O of this Chapter shall apply to a species listed in Schedule I or Schedule II if the same species is also listed in Schedule IV.

(2) The provisions of this Chapter shall be subject to the provisions of Chapters III, IIIA, IVA, V, and VA of this Act and without prejudice to anything contained therein.”

## **REGARDING INCLUSION OF ALL CITES SPECIES AS SPECIFIED PLANTS**

The suggestion by the Committee to include CITES species within specified plants will have far-reaching and undesirable consequences. The provisions of Chapter III-A, which apply to specified plants, are very strict regulations which should not apply to all CITES-listed plants. Moreover, the inclusion of all CITES listed plants as specified plants will not in any meaningful way improve India’s implementation of CITES.

Chapter III-A includes the following provisions:

- a. Section 17A(a) prohibits the picking or uprooting of specified plants without a license.
- b. Section 17A(b) prohibits the possession, sale, transfer, etc. of specified plants or derivatives thereof without a licence.
- c. Section 17C prohibits the cultivation of specified plants without a license.

- d. Section 17D prohibits dealing in specified plants or parts or derivatives thereof without a license.

CITES lists thousands of species of plants with an aim to regulate international trade in these species. It does not prohibit or regulate the domestic cultivation, trade, usage and consumption of these species. The application of the provisions in Chapter IIIA to these species will result the Act becoming un-implementable.

Some examples of the undesirable results of inclusion of all CITES species as specified plants are as follows:

- a. Wood and wood products from CITES-listed tree species will be hit by the prohibitions on possession, sale, purchase, transfer etc. in Chapter III-A. CITES lists valuable timber species both native to India and imported from abroad which are used for making furniture and other wood products. Some examples of these include sheesham (*Dalbergia sissoo*) and Indian rosewood (*Dalbergia latifolia*), and foreign species such as African cherry (*Prunus Africana*), and bubinga (*Guibourtiaspp.*).
- b. Traditional and Ayurvedic medicines which contain CITES-listed flora will become subject to the prohibitions on possession, sale, purchase, transfer etc. in Chapter III-A. CITES lists several medicinal plants including native species such as kutki (*Picrorhizakurroa*) and Indian snakeroot (*Rauvolfia serpentina*).
- c. Food products and cosmetics made from CITES-listed orchids will become subject to the prohibitions on possession, sale, purchase, transfer etc. in Chapter III-A.
- d. products made from aromatic plants such as agarwood (*Aquilaria malaccensis*) will become subject to the prohibitions on possession, sale, purchase, transfer etc. in Chapter III-A.

#### **REGARDING INCLUSION OF ALL CITES SPECIES AS “WILD ANIMALS”, “CAPTIVE ANIMALS”, ETC.**

Inclusion of CITES species as “wild animals” will not in any way result in implementation of the CITES conditions for international trade of such species (Articles III, IV and V of the Convention). CITES regulates import, export, re-export, and introduction from the sea, of CITES listed species. As per CITES, permits are required to be issued for such activities only on the fulfillment of certain conditions (non-detriment findings, legal acquisition findings, etc.). None of these matters are currently provided for in the Act or the Foreign Trade Policy. The proposed Sections 49H, 49-I, 49J, 49K and 49L in the Amendment Bill clearly incorporate the CITES requirements for trade of such species and are an absolutely essential requirement of CITES implementation.

The provisions of the Act applicable to Schedule I and II species are a stricter domestic measure than CITES which are intended primarily for protection of Indian wild animals. They create prohibitions and regulations on the following activities: hunting (Section 9), possession (for Schedule I animals in Sections 40 and 42 of the Act), domestic trade (regulation or prohibition based on the respective Schedule in Sections 40, 43, 44, and Chapter VA of the Act), transport (Section 48A), and purchase (Section 49). These activities are not specifically regulated by CITES, and inclusion of CITES species in such regulations will not result in better implementation of the Convention. Instead, Section 49M has been

proposed in the Amendment Bill so as to ensure legality and traceability of domestic trade of live CITES-listed animal species.

CITES does not regulate the hunting of species and the suggested amendment to include CITES in Section 9 doesn't contribute towards CITES implementation. Native Indian species which require protection from hunting will be listed in Schedules I and II. There is no advantage in prohibiting hunting of species which do not occur in the wild in India.

Inclusion of all Appendix I and Appendix II CITES listed animal species in Section 40 may have many undesirable consequences.

Two examples of this are:

- a. fishing, consumption and domestic trade of CITES-listed marine species, which are currently legal, and in which many fishing communities are involved, will become illegal. Examples of CITES-listed marine species which are landed and consumed in India are oceanic white tip (*Carcharhinus longimanus*), hammerhead sharks (*Sphyrna lewini*, *Sphyrna mokarran* and *Sphyrna zygaena*) and silky shark (*Carcharhinus falciformis*).
- b. Articles made from exotic CITES-listed species (such as leather goods made from exotic reptile skins, vicugna wool, etc.) which are currently legally possessed and traded in the country will become subject to very strict regulation. All these items will have to be declared and ownership certificates will have to be obtained for them. Possession of such items without ownership certificates will be illegal. Transfer will be possible only through inheritance.

Similarly, Chapter VA prohibits all commercial trade in the species to which it applies. Such a strict level of regulation is undesirable for many CITES listed species, especially marine species and exotic species.



**LETTER TO THE CHAIRMAN OF THE COMMITTEE FROM EXPERTS IN RESPONSE TO THE NOTE OF THE MINISTRY (in ANNEXURE III)**

09.04.2022

Shri Jairam Ramesh- M.P  
Hon'ble Chairman  
Standing Committee on S&T, Environment, Forests & Climate Change

Dear Sir:

**Sub: Comments on the Rationale Note with Recommendations**  
**Ref: Your E-mail dated 08.04.2022**

We thank you for seeking our comments on the Note titled “Rationale for not accepting CITES changes proposed by the Standing Committee” In response to your request, we are pleased to share our comments along with specific recommendations for your kind consideration.

A bare reading of the said Note reveals that the reasons as to why the CITES Chapter VB ought to be included in the Act have been elaborated. Based on our understanding of the CITES issue and the related intricacies pertaining to implementation of the Wildlife (Protection) Act, 1972 that we are acutely aware of due to our long-term work on this subject, we wish to responsibly submit as under -

1. At the outset, it has been stated in the Rationale Note that the amendments suggested by the Standing Committee will in no significant way improve India's implementation of CITES. We are of the considered view that this appears to be an incorrect reading of the amendments suggested which is substantiated by the following –

1.1 On the official website of CITES and on the webpage “What is CITES” <https://cites.org/eng/disc/what.php> it is stated that “*Although CITES is legally binding on the Parties – in other words they have to implement the Convention – it does not take the place of national laws... each Party, which has to adopt its own domestic legislation to ensure that CITES is implemented at the national level*”. This makes it amply clear that if India opts to ensure stricter protection and curb the illegal trade in CITES species where potential for laundering is high, it is free to do so. Thus, it would be incorrect to infer that the Convention is insisting on enacting an enabling law or amendments to the Wildlife Act which will enable extensive trade in CITES species.

1.2 It is also clear that the objective and scope of CITES and the implementation of the regulations is to primarily prevent illegal and unsustainable trade and extinction of species **and not to actively promote trade in such species**. However, an analysis of the provisions of Chapter VB in the Bill, makes it clear that it is enabling in nature in order to promote trade and facilitate the import of CITES species for large private zoos, aviaries, dolphinariums etc.

1.3 In the current geo-political situation, co-operation between many range states in respect of species whose range spans several countries, is challenging and therefore tighter restrictions are certainly necessary.

1.4 The Management Authority, based at Delhi has no independent mechanism to track issues pertaining to laundering of CITES species, piggy backing on legal trade which will increase exponentially if Chapter VB becomes law. Data pertaining to seizures etc. by different law enforcement agencies are invariably in different silos which makes it difficult to track the illegal cartels who would be applying for CITES permits. In other words, an individual who has cases registered by the Local Police will still get further permits from the Management Authority and continue to operate, as is the case today.

We are of the clear opinion that all these serious issues can only be addressed by the stricter provisions.

2. The note also lists five specific shortfalls that exist in India's implementation of CITES. In response, we would like to state that we had in our submissions to the Standing Committee presented a template for amendment of certain sections in the Principal Act in order to ensure the Nation's commitments to the Convention. The specific arguments on how each of these stated shortfalls have been carefully addressed has been drawn from our submissions and presented as follows-

*“a) that the roles and functions of the Management Authority and Scientific Authorities are not clearly defined in the recommendations of the Standing Committee;”*

**Response:** That this issue has been clearly addressed by our suggested additional insertion in Section 3A of Principal Act, carefully drawing from Clause 30 in Bill.

*“b) that there is no legal instrument designating the Scientific Authorities and providing for their independence from the Management Authority;”*

**Response:** That this has been adequately dealt with by our suggested insertion of sub-sections (5), (6) & (7) in Section 3A.

*c) that implementation of Articles II, III, IV, V, VI and VII of the Convention through the Foreign Trade Policy rather than through legislation is not sufficient;*

**Response:** That nowhere is it insisted by the Convention that CITES should only be dealt with in a separate chapter in the Wildlife Act. On the contrary, **it is the stated position of CITES that “...each Party, which has to adopt its own domestic legislation to ensure that CITES is implemented.”** Thus, the insistence that Chapter VB alone will satisfy the Convention, has no grounding, particularly when the recommendations on amendment of various sections of the Principal Act, if adopted, not only take care of the stated shortfalls but also provide for a stronger legislative backing as desired by the Convention.

*“d) that the legislation does not cover “introduction from the sea” which is one of the elements of international trade regulated by CITES; and”*

**Response:** Introduction from Sea (IFS) is defined in Article 1 of the Convention as “transportation into a State of specimens of any species which were taken in the marine

environment not under the jurisdiction of any State”. Resolution Conf. 14.6 (Rev. CoP16) mandates that after new marine species get added to the Appendices at each meeting of the CoP, correct and effective implementation of the provisions on introduction from the sea becomes increasingly important for the conservation of these species.

To illustrate this – if a new marine species has been caught by a trawler in the high seas outside the territorial waters of India and then brought in and further landed at a port/base, the amendments to Section 2(36) “wild animal”, Section 9 and the amendment to Section 50 in the Bill [clause 31 sub-clause (ii)] and related amendments will actually ensure enforcement to regulate illegal trade which will ensure better protection and conservation which CITES is insisting.

*“e) that it does not cover disposal of confiscated specimens as per the requirements of Article VIII of the Convention. All of these shortfalls have been addressed in the new Chapter VB proposed in the Wild Life (Protection) Amendment Bill, 2021”.*

**Response:** Sub-section (1) of Section 49Q in Chapter VB states that when an offence is committed against any CITES species / scheduled specimen it becomes Government Property as specified in Section 39 of the Principal Act. However, sub-section (2) states that when a living specimen of a CITES species is seized for contravention of the WLPA, the Management Authority, can either return the specimen to the country of export (somewhat similar to deportation of an illegal immigrant) or “ensure that it is cared for” by a recognized zoo or rescue centre, in case it cannot be returned.

**In our considered view, this creates a major loophole by which seized specimens can be handed over to a private zoo or rescue centre on the grounds that it will be “cared for”.** What is surprising to us is that there is no mention of mandatorily handing it over to a Government owned Zoo even though it is Government property.

On the contrary, the inclusion of CITES species in the Section 2(5) & (36) “captive animal” & “wild animal ensures that Section 39 of the Principal Act will apply to such Government Property. This will greatly reduce the scope of private zoos acquiring such seized animals which surely should be the intent of the legislation.

However, the issue of returning the specimen to the country of export can be dealt with by the introduction of sub-section (4) in Section 39 and we can, if sought, submit our suggestion on this separately.

3. It is stated in the note that *“Inclusion of CITES species as “wild animals” will not in any way result in implementation of the CITES conditions for international trade of such species... It is further argued that CITES does not regulate the hunting of species and the suggested amendment to include CITES in Section 9 doesn’t contribute towards CITES implementation. Native Indian species which require protection from hunting will be listed in Schedules I and II. There is no advantage in prohibiting hunting of species which do not occur in the wild in India.*

In our view, this appears to be a completely erroneous reading of the law which is substantiated by the following –

- i. That there is a thriving illegal trade in wildlife including exotic birds which includes species listed in the CITES appendices that are kept trapped in cages in pet animal

markets across the country. Enforcement currently is floundering due to the fact that CITES species are not defined in Section 2(36) as “wild animal”;

ii. Several migratory birds which are listed in CITES appendices but not specified currently in Schedule I – IV in the Principal Act, are winter visitors to India and are found in many wetlands, water bodies, grasslands etc which are not notified Protected Areas. It is widely known that such species, some of which are in the RET category, are often hunted by local gangs. The suggested inclusion of CITES species in Section 9 is, therefore, a well thought out recommendation to deal with such incidents.

iii. Marine species listed in the CITES appendices hunted within or outside the territorial waters will come within the ambit of the Wildlife Act and offenders can be prosecuted effectively based on the suggested amendments to Sections 2 (36), 9, 51(1A), 57 etc.

4. The Rationale note states that *“fishing, consumption and domestic trade of CITES-listed marine species, which are currently legal, and in which many fishing communities are involved, will become illegal. Examples of CITES-listed marine species which are landed and consumed in India are oceanic white tip (Carcharhinus longimanus), hammerhead sharks (Sphyrna lewini, Sphyrna mokarran and Sphyrna zygaena) and silky shark (Carcharhinus falciformis)”*.

We have spoken to our colleagues in the conservation community who have extensive experience on this subject and they have clearly opined that the facts and the ground reality pertaining to this issue are different. The following are the important facts-

i. Sharks are considered ‘Tigers of the Sea’. There are scientific studies that have documented the overhunting of Sharks leading to serious population declines;

ii. Hunting of Sharks is primarily for the lucrative shark fin trade and not for consumption of meat;

iii. There are several species of sharks that are specified in the Schedules of the Principal Act;

iv. The practice of de-finning sharks at the landing base is very poorly monitored;

iv. Once the fins are removed, it becomes extremely difficult to identify whether the fins are from a protected species or not. This is currently being exploited majorly to launder fins of protected species along with fins from other shark species and exported to China and the Far east for them to feast on shark fin soup. The CITES Management Authority sitting in Delhi just does not have the capacity or resources to monitor and maintain strict vigil. They are currently providing certificates for export of shark fins which is used in shark fin soup.

It is on the basis of these well-grounded facts that stricter provisions are necessary in order to curb the large-scale hunting of sharks.

5. Lastly it is stated that – *“Chapter VA prohibits all commercial trade in the species to which it applies. Such a strict level of regulation is undesirable for many CITES listed species, especially marine species and exotic species”*

We have carefully analysed this aspect and after due application of mind, suggested inclusion of only Appendix I & II species in Chapter VA of the Principal Act. Surely species in Appendix I & II do require better protection which can be ensured by the suggested amendments to the Principal Act.

#### **Conclusion:**

In 2020, the Central Government issued an advisory for dealing with import of exotic live species in India and declaration of stock. This is currently on the Parivesh single window clearance portal.

*Vide* this Advisory, a Voluntary Disclosure Scheme has been announced. Under this VDS, the declarer would not be required to produce any documentation in relation to the exotic live species if the same has been declared within six months of the date of issue of the advisory. Thus, this has opened up a major opportunity to “regularize” all illegally held exotic species which may be in the CITES appendices. **The advisory is also silent on whether the prior consent of CITES has been obtained for this as the VDS can be easily exploited to launder illegal stocks.**

With the infiltration of many exotic species, the danger of zoonotic diseases spreading is high, notwithstanding the claim of ensuring disease surveillance. Surely, it would be in supreme National Interest, and after the horrendous impact of Covid-19 to ensure that we take all necessary precautions in this regard.

#### **Recommendations:**

Therefore, after careful analysis and in order to ensure that the objective of providing legislative backing to CITES, without disturbing the prohibitive structure of Wildlife (Protection) Act, 1972 is achieved, we would like to make the following specific recommendations –

- i. That Chapter VB in the Wildlife (Protection) Amendment Bill 2021 be deleted completely and instead, a separate law pertaining to CITES be enacted, which would include provisions from the deleted Chapter VB, with appropriate amendments thereto to ensure safeguards and make the Act self-sustaining with appendices as required by CITES, along with an overriding provision to the effect that the Wildlife (Protection) Act, 1972 would prevail, in case of anything inconsistent contained in the CITES Act; **and**
- ii. That the suggested amendments to sub -sections (5), (19), (27) and (36) of Section 2, Sections 9, 40, 40A(1), 41(1b), 48 (bii), 49A, 51(1A) and 57 be carried out in the Principal Act as well, to ensure that law enforcement agencies will have jurisdiction to prosecute offences against CITES species.

Sd/-  
**Dr. M.K. Ranjithsinh**  
Former Secretary  
Government of India

Sd/-  
**Praveen Bhargav**  
Former Member  
National Board for Wildlife

# ANNEXURE V

AS INTRODUCED IN LOK SABHA

## Bill No. 159 of 2021

### THE WILD LIFE (PROTECTION) AMENDMENT BILL, 2021

A

BILL

*further to amend the Wild Life (Protection) Act, 1972.*

BE it enacted by Parliament in the Seventy-second Year of the Republic of India as follows:—

1. (1) This Act may be called the Wild Life (Protection) Amendment Act, 2021.

Short title and commencement.

5 (2) It shall come into force on such date as the Central Government may, by notification in the Official Gazette, appoint.

53 of 1972.

2. In the preamble of the Wild Life (Protection) Act, 1972 (hereinafter referred to as the principal Act), for the words "protection of wild animals, birds and plants", the words "conservation, protection and management of wild life" shall be substituted.

Amendment of preamble.

Amendment of section 2.

**3.** In section 2 of the principal Act,—

(a) in clause (5), for the words and figures "Schedule I, Schedule II, Schedule III or Schedule IV", the words and figures "Schedule I or Schedule II" shall be substituted;

(b) in clause (15), after the words "wild animal", the words "or specified plant" shall be inserted;

(c) after clause (16), the following clause shall be inserted, namely:—

'(16A) "invasive alien species" means a species of animal or plant which is not native to India and whose introduction or spread may threaten or adversely impact wild life or its habitat;'

(d) in clause (18A), for the words and figures "Schedules I to V", the words and figures "Schedules I, II and IV" shall be substituted;

(e) in clause (19), for the words and figures "Schedules I to V and VI", the words and figures "Schedules I, II and III" shall be substituted;

(f) for clause (24), the following clause shall be substituted, namely:—

'(24) "person" shall include any firm or company or any authority or association or body of individuals whether incorporated or not;'

(g) after clause (26), the following clause shall be inserted, namely:—

'(26A) "Schedule" means a Schedule appended to this Act;'

(h) in clause (27), for the word and figures "Schedule VI", the word and figures "Schedule III" shall be substituted;

(i) for clause (34), the following clause shall be substituted, namely:—

'(34) "vermin" means any wild animal notified under section 62;'

(j) in clause (36), for the words and figures "Schedules I to IV", the words and figures "Schedule I or Schedule II" shall be substituted;

(k) for clause (39), the following clause shall be substituted, namely:—

'(39) "zoo" means an establishment whether stationary or mobile, where captive animals are kept for exhibiting to the public or ex-situ conservation and includes a circus and off-exhibit facilities such as rescue centres and conservation breeding centres, but does not include an establishment of a licensed dealer in captive animals.'

Amendment of section 5A.

**4.** In section 5A of the principal Act, in sub-section (1), for clause (d), the following clause shall be substituted, namely:—

"(d) Member, NITI Aayog in-charge of Environment, Forest and Climate Change;"

Amendment of section 5B.

**5.** In section 5B of the principal Act, in sub-section (3), for the words "in proper discharge of functions assigned to it", the words "on such terms and conditions as may be prescribed for proper discharge of functions assigned to it under the Act" shall be substituted.

Insertion of new section 6A.

**6.** After section 6 of the principal Act, the following section shall be inserted, namely:—

Standing Committee of Board.

"6A. (1) The Board may constitute a Standing Committee for the purpose of exercising such powers and performing such duties as may be delegated to it by the Board.

(2) The Standing Committee shall consist of the Vice-Chairperson, the Member-Secretary, and not more than ten members, to be nominated by the Vice-Chairperson, from amongst the members of the Board.

(3) The Board or its Standing Committee referred to in sub-section (1) may, constitute committees, sub-committees or study groups, as may be necessary, from time-to-time, for proper discharge of the functions assigned to it."

5 **7.** In section 9 of the principal Act, for the words and figures "Schedules I, II, III and IV", the words and figures "Schedules I and II" shall be substituted. Amendment of section 9.

**8.** In section 11 of the principal Act, in sub-section (1), in clause (b), the words and figures ", Schedule III, or Schedule IV," shall be omitted. Amendment of section 11.

1 of 1894. **9.** In section 24 of the principal Act, in sub-section (2), in clause (b), for the words and figures "Land Acquisition Act, 1894", the words and figures "Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013" shall be substituted. Amendment of section 24.  
30 of 2013. 10

1 of 1894. **10.** In section 25 of the principal Act, in sub-section (1),— Amendment of section 25.

(a) in clause (a), for the words and figures "Land Acquisition Act, 1894", the words and figures "Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013" shall be substituted;  
30 of 2013. 15

(b) in clauses (b) and (c), for the word and figure "section 9", the word and figures "section 21" shall be substituted;

(c) in clause (d), for the words and figures "section 18" and "Part III", the words and figures "section 64" and "Chapter VIII" shall respectively be substituted;

20 (d) in clause (e), for the words "the Court", the words "the Authority" shall be substituted;

(e) after clause (f), the following *Explanation* shall be inserted, namely:—

25 *Explanation.*—The expression "Authority" referred to in clause (e), shall mean the Land Acquisition, Rehabilitation and Resettlement Authority established under section 51 of the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013.'. Amendment of section 25.  
30 of 2013.

**11.** In section 28 of the principal Act, in sub-section (1), in clause (b), after the word "photography", the words "and film-making without making any change in the habitat or causing any adverse impact to the habitat or wild life" shall be inserted. Amendment of section 28.

30 **12.** In section 29 of the principal Act,— Amendment of section 29.

(a) for the word "Board", the words "National Board" shall be substituted;

(b) for the *Explanation*, the following *Explanation* shall be substituted, namely:—

35 *Explanation.*—For the purposes of this section, grazing or movement of livestock permitted under clause (d) of section 33, or hunting of wild animals under a permit granted under section 11 or hunting without violating the conditions of a permit granted under section 12, or the exercise of any rights permitted to continue under clause (c) of sub-section (2) of section 24, or the *bona fide* use of drinking and household water by local communities, shall not be deemed to be an act prohibited under this section.". Amendment of section 29.  
40

**13.** In section 33 of the principal Act,— Amendment of section 33.

45 (a) after the words "manage and maintain all sanctuaries", the words, brackets and figures "in accordance with such management plans for the sanctuary approved by him as per the guidelines issued by the Central Government and in case the sanctuary also falls under the Scheduled Areas or areas where the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 is applicable, in accordance with the management plan for such sanctuary prepared after due consultation with the Gram Sabha concerned" shall be inserted; Amendment of section 33.  
2 of 2007.



(b) in clause (a), in the proviso, for the words "commercial tourist lodges", the words "tourist lodges, including Government lodges, for commercial purposes" shall be substituted.

Amendment of section 34. **14.** In section 34 of the principal Act, after sub-section (3), the following sub-section shall be inserted, namely:— 5

"(4) No renewal of any licence under the Arms Act, 1959, shall be granted to any person residing within ten kilometres of a sanctuary except under the intimation to the Chief Wild Life Warden or the authorised officer." 54 of 1959.

Amendment of section 35. **15.** In section 35 of the principal Act, in sub-section (8), for the words and figures "sections 27 and 28", the words, figures and letter "sections 18A, 27 and 28" shall be substituted. 10

Amendment of section 36D. **16.** In section 36D of the principal Act, in sub-section (2),—

(a) for the words "five representatives", the words "not less than five representatives" shall be substituted;

(b) after sub-section (2), the following sub-section shall be inserted, namely:— 15

"(2A) Where a community reserve is declared on private land under sub-section (1) of section 36C, the community reserve management committee shall consist of the owner of the land, a representative of the State Forests or Wild Life Department under whose jurisdiction the community reserve is located and also the representative of the Panchayat concerned or the tribal community, as the case may be." 20

Amendment of section 38. **17.** In section 38 of the principal Act,—

(a) in the marginal heading, after the words "National Parks", the words "or conservation reserves" shall be inserted;

(b) after sub-section (2), the following sub-section shall be inserted, namely:— 25

"(2A) The Central Government may, if it is satisfied that the conditions specified in sub-section (1) of section 36A are fulfilled in relation to any area referred to in sub-section (1), declare such area, by notification, to be a conservation reserve and the provisions of sections 36A and 36B shall apply in relation to such conservation reserve as they apply in relation to a conservation reserve declared by the State Government." 30

(c) in sub-section (3),—

(i) after the words "or National Park", the words "or conservation reserve" shall be inserted;

(ii) for the words, brackets and figures "sub-sections (1) and (2)", the words, brackets, figures and letter "sub-sections (1), (2) and (2A)" shall be substituted. 35

Amendment of section 38L. **18.** In section 38L of the principal Act, in sub-section (2), in clause (o), for the words "Inspector General of Forests or an officer of the equivalent rank", the words "an officer not below the rank of Inspector General of Forests" shall be substituted. 40

Insertion of new section 38XA. **19.** After section 38X of the principal Act, the following section shall be inserted, namely:—

"38XA. The provisions contained in this Chapter shall be in addition to, and not in derogation of, the provisions relating to sanctuaries and National Parks (whether included and declared, or are in the process of being so declared) included in a tiger reserve under this Act." 45

Provisions of Chapter to be in addition to provisions relating to sanctuaries and National Parks.

- 20.** In Chapter IVC of the principal Act, in the heading, for the words "TIGER AND OTHER ENDANGERED SPECIES", the words "WILD LIFE" shall be substituted. Amendment of heading of Chapter IVC.
- 21.** In section 38Y of the principal Act,— Amendment of section 38Y.
- (a) in the marginal heading, for the words "Tiger and other Endangered Species", the words "Wild Life" shall be substituted;
- (b) in the opening portion, the words "Tiger and other Endangered Species Crime Control Bureau to be known as the" shall be omitted;
- (c) in clause (e), for the words "Central Excise", the words "Central Goods and Services Tax" shall be substituted.
- 22.** In section 39 of the principal Act, after sub-section (3), the following sub-sections shall be inserted, namely:— Amendment of section 39.
- "(4) Where any such Government property is a live animal, the State Government shall ensure that it is housed and cared for by a recognised zoo or rescue centre where it can not be released to its natural habitat.
- (5) Any such animal article, trophy or uncured trophy or meat derived from any wild animal, as referred to in sub-sections (1) and (2) may be disposed of by the State Government or the Central Government, as the case may be, in such manner as may be prescribed by the Central Government:
- Provided that such disposal shall not include any commercial sale or auction and no certificate of ownership shall be issued for such disposal."
- 23.** In section 40 of the principal Act, the words and figures "or Part II of Schedule II" wherever they occur shall be omitted. Amendment of section 40.
- 24.** In section 40A of the principal Act, in sub-section (1), the words and figures "or Part II of Schedule II" shall be omitted. Amendment of section 40A.
- 25.** In section 41 of the principal Act, in sub-section (1), in clause (b), the words and figures "and Part II of Schedule II" shall be omitted. Amendment of section 41.
- 26.** After section 42 of the principal Act, the following section shall be inserted, namely:— Insertion of new section 42A.
- "42A. (1) Any person having a certificate of ownership in respect of any captive animal, animal article, trophy or uncured trophy, meat or ivory imported into India or an article made from such ivory, and who is not desirous of keeping it in his control, custody or possession may, after giving notice of seven working days to the Chief Wild Life Warden, surrender the same to him and any such certificate of ownership shall stand cancelled from the date of such surrender. Surrender of captive animals, animal article, etc.
- (2) No compensation shall be payable to any person for surrender of any such animal, article, trophy, meat or ivory to the Chief Wild Life Warden under sub-section (1).
- (3) Any such animal, article, trophy, meat or ivory surrendered under this section shall become the property of the State Government and the provisions of section 39 shall apply."
- 27.** In section 43 of the principal Act, after sub-section (3), the following sub-section shall be inserted, namely:— Amendment of section 43.
- "(4) This section shall not apply to the transfer or transport of any live elephant by a person having a certificate of ownership, where such person has obtained prior permission from the State Government on fulfilment of such conditions as may be prescribed by the Central Government."

- Amendment of section 48. **28.** In section 48 of the principal Act, in clause (b), in sub-clause (ii), the words and figures "or Part II of Schedule II" shall be omitted.
- Amendment of section 49A. **29.** In section 49A of the principal Act, the words and figures "or Part II of Schedule II" at both the places where they occur, shall be omitted.
- Insertion of new Chapter VB. **30.** After Chapter VA of the principal Act, the following Chapter shall be inserted, 5  
namely:—

CHAPTER VB

REGULATION OF INTERNATIONAL TRADE IN ENDANGERED SPECIES OF  
WILD FAUNA AND FLORA AS PER CONVENTION ON INTERNATIONAL  
TRADE IN ENDANGERED SPECIES OF WILD FAUNA AND FLORA 10

- Definitions. 49D. In this Chapter, unless the context otherwise requires,—
- (a) "artificially propagated" means plants which have been grown under controlled conditions from plant materials grown under similar conditions;
- (b) "bred in captivity" means produced from parents in captivity; 15
- (c) "Convention" means the Convention on International Trade in Endangered Species of Wild Fauna and Flora signed at Washington D.C., in the United States of America on the 3rd of March, 1973, and amended at Bonn on the 22nd of June, 1979, its appendices, decisions, resolutions and notifications made thereunder and its amendments, to the extent 20  
binding on India;
- (d) "export" means export from India to any other country of a specimen;
- (e) "import" means import into India from any other country of a specimen; 25
- (f) "introduction from the sea" means transportation into India of specimens of any species which were taken from the marine environment not under the jurisdiction of India or any other country;
- (g) "Management Authority" means the Management Authority designated under section 49E; 30
- (h) "plant" means any member, alive or dead, of the plants listed in Schedule IV including seeds, roots and other parts thereof;
- (i) "readily recognisable part or derivative" includes any specimen which appears from an accompanying document, the packaging or a mark or label, or from any other circumstances, to be a part or derivative of an 35  
animal or plant of a species listed in Schedule IV;
- (j) "re-export" means export of any specimen that has previously been imported;
- (k) "Scientific Authority" means a Scientific Authority designated under section 49F; 40
- (l) "scheduled specimen" means any specimen of a species listed in Appendices I, II or III of the Convention and incorporated as such in Schedule IV;
- (m) "species" means any species, sub-species, or geographically separate population thereof; 45

(n) "specimen" means—

(i) any animal or plant, whether alive or dead;

(ii) in the case of an animal,—

(A) for species included in Appendices I and II of Schedule IV, any readily recognisable part or derivative thereof;

(B) for species included in Appendix III of Schedule IV, any readily recognisable part or derivative thereof specified in Appendix III of Schedule IV in relation to the species; and

(iii) in the case of a plant,—

(A) for species included in Appendix I of Schedule IV, any readily recognisable part or derivative thereof;

(B) for species included in Appendices II and III of Schedule IV, any readily recognisable part or derivative thereof specified in Appendices II and III of Schedule IV in relation to the species;

(o) "trade" means export, re-export, import and introduction from the sea.

49E. (1) The Central Government shall, by notification, designate an officer not below the rank of an Additional Director General of Forests as the Management Authority for discharging the functions and exercising the powers under this Act.

Designation of Management Authority.

(2) The Management Authority shall be responsible for issuance of permits and certificates for trade of scheduled specimens in accordance with the Convention, submission of reports, and shall perform such other functions as may be necessary to implement the provisions of the Convention.

(3) The Management Authority shall prepare and submit annual and biennial reports to the Central Government.

(4) The Central Government may appoint such officers and employees as may be necessary to assist the Management Authority in discharging its functions or exercising its powers under this Chapter, on such terms and conditions of service including salaries and allowances as may be prescribed.

(5) The Management Authority may, with the prior approval of the Central Government, delegate its functions or powers, to such officers not below the rank of the Assistant Inspector General of Forests, as it may consider necessary for the purposes of this Chapter.

49F. (1) The Central Government shall, by notification, designate one or more institutes engaged in research on species as Scientific Authority for the purposes of this Chapter, for fulfilling the functions under the Convention.

Designation of Scientific Authority.

(2) The designated Scientific Authority shall advise the Management Authority in such matters as may be referred to it by the Management Authority.

(3) The Scientific Authority shall monitor the export permits granted for specimens of species listed in Appendix II of Schedule IV and the actual export of such specimens.

(4) Whenever a Scientific Authority is of the opinion that the export of specimens of such species requires to be limited in order to maintain that species throughout its range at a level consistent with its role in the ecosystems in which it occurs and well above the level at which that species might become

eligible for inclusion in Appendix I of the Convention, it shall advise the Management Authority to take such appropriate measures to limit the grant of export permits for specimens of that species as the Scientific Authority may deem necessary for said purpose.

Directions of Central Government.

49G. The Management Authority and the Scientific Authorities, shall, while performing their duties and exercising powers under this Chapter, be subject to such general or special directions, as the Central Government may, from time to time, give. 5

International trade in scheduled specimen and restriction in respect thereof.

49H. (1) No person shall engage in trade of scheduled specimens except as provided for under this Chapter. 10

(2) The Central Government shall prescribe the conditions and procedures by which the exemptions contained in Article VII of the Convention may be availed.

(3) Every person engaging in trade of a scheduled specimen shall report the details of the scheduled specimen and the transaction to the Management Authority or the officer authorised by it in such manner as may be prescribed. 15

(4) Every person engaging in trade of a scheduled specimen, shall present it for clearance to the Management Authority or the officer authorised by it or a customs officer only at the ports of exit and entry as may be specified by the Central Government. 20

Conditions for export of scheduled specimens.

49-I. (1) The export of any specimen of species included in Appendices I or II of Schedule IV shall require the prior grant and presentation of an export permit.

(2) The export of any specimen of species included in Appendix III of Schedule IV shall require the prior grant and presentation of an export permit if the species has been listed in Appendix III of the Convention by India or a certificate of origin in other cases. 25

(3) An export permit shall not be granted unless—

(a) the Management Authority is satisfied that the specimen concerned has not been obtained in contravention of any law for the time being in force relating to protection of fauna and flora; 30

(b) the Management Authority is satisfied that any living specimen will be so prepared and shipped as to minimise the risk of injury, damage to health or cruel treatment;

(c) in the case of a specimen of a species listed in Appendices I or II of Schedule IV, the Scientific Authority has advised that the export will not be detrimental to the survival of that species; and 35

(d) in the case of specimens of species listed in Appendix I of Schedule IV, an import permit has been granted by the competent authority of the country of destination. 40

Conditions for import of scheduled specimens.

49J. (1) The import of any specimen of a species included in Appendix I of Schedule IV shall require the prior grant and presentation of an import permit and either an export permit or a re-export certificate from the country of export.

(2) An import permit for a specimen of a species listed in Appendix I of Schedule IV shall not be granted unless—

(a) the Management Authority is satisfied that the specimen concerned will not be used for primarily commercial purposes;

5 (b) the Scientific Authority has advised that the import will be for purposes which are not detrimental to the survival of the species; and

(c) the Scientific Authority is satisfied that the proposed recipient of a living specimen is suitably equipped to house and care for it.

10 (3) The import of any specimen of a species included in Appendix II of Schedule IV shall require the prior presentation of either an export permit or a re-export certificate issued by the country of export.

(4) The import of any specimen of a species included in Appendix III of Schedule IV shall require the prior presentation of—

(a) a certificate of origin; or

15 (b) in the case where the import is from a country which has included the species in Appendix III of the Convention, an export permit; or

(c) a re-export certificate granted by the country of re-export.

20 49K. (1) The re-export of any specimen of species included in Appendices I or II of Schedule IV shall require the prior grant and presentation of a re-export certificate.

Conditions for re-export of scheduled specimens.

(2) A re-export certificate shall not be granted unless—

(a) the Management Authority is satisfied that any specimen to be re-exported was imported in accordance with the provisions of this Chapter and of the Convention;

25 (b) the Management Authority is satisfied that any living specimen will be so prepared and shipped as to minimise the risk of injury, damage to health or cruel treatment; and

30 (c) in the case of any living specimen of species listed in Appendix I of Schedule IV, the Management Authority is satisfied that an import permit has been granted.

49L. (1) The introduction from the sea of a specimen of a species included in Appendices I or II of Schedule IV shall require the prior grant and presentation of a certificate of introduction from the sea.

Conditions for introduction from sea of scheduled specimens.

(2) A certificate of introduction from the sea shall not be granted unless—

35 (a) the Scientific Authority has advised that the introduction of any specimen will not be detrimental to the survival of the species;

(b) in the case of a specimen of a species listed in Appendix I of Schedule IV, the Management Authority is satisfied that it is not to be used for primarily commercial purposes and that the proposed recipient of any living specimen is suitably equipped to house and care for it; and

40

(c) in the case of a living specimen of a species listed in Appendix II

of Schedule IV, the Management Authority is satisfied that it will be so handled as to minimise the risk of injury, damage to health or cruel treatment.

Possession, transfer and breeding of living scheduled animal species.

49M. (1) Every person possessing a living specimen of an animal species listed in Schedule IV shall report the details of such specimen or specimens in his possession to the Management Authority or the authorised officer: 5

Provided that the Central Government may exempt one or more specimens of any animal species included in Schedule IV from such declaration for such quantity and for such period as it may deem fit.

(2) The Management Authority or the authorised officer may, on being satisfied that a person was in possession of a living specimen of an animal species listed in Schedule IV which had not been obtained in contravention of any law relating to protection of fauna and flora, issue a registration certificate allowing the owner to retain such specimen. 10

(3) Any person who transfers possession, by any means whatsoever, of any living specimen of an animal species listed in Schedule IV shall report the details to the Management Authority or the authorised officer. 15

(4) The Management Authority or the authorised officer shall register all transfers of living specimens of animal species listed in Schedule IV and issue the transferee with a registration certificate.

(5) Any person in possession of any living specimen of an animal species listed in Schedule IV which bears any offspring shall report the birth of such offspring to the Management Authority or the authorised officer. 20

(6) The Management Authority or the authorised officer shall on receipt of the report under sub-section (5) register any offspring born to any living specimen of an animal species listed in Schedule IV and issue the owner with a registration certificate. 25

(7) Any person in possession of any living specimen of an animal species listed in Schedule IV which dies shall report such death to the Management Authority or the authorised officer.

(8) No person shall possess, transfer or breed any living specimen of any animal species listed in Schedule IV except in conformity with this section and the rules made by the Central Government in this behalf. 30

(9) The form, manner and period for reporting possession, transfers, and births, deaths, and registration of the same under this section shall be as prescribed by the Central Government. 35

Application for registration by breeders of Appendix I species.

49N. (1) Every person who is engaged in breeding in captivity or artificially propagating any scheduled specimen listed in Appendix I of Schedule IV shall make, within a period of ninety days of the commencement of the Wild Life (Protection) Amendment Act, 2021, an application for registration to the Chief Wild Life Warden. 40

(2) The form and manner of the application to be made to the Chief Wild Life Warden under sub-section (1), the fee payable, the form of certificate of registration, the procedure to be followed in granting or cancelling the certificate of registration shall be such as may be prescribed by the Central Government.



49-O. (1) On receipt of application under sub-section (1) of section 49N, the Chief Wild Life Warden shall, if—

Registration of breeders of Appendix I species.

(a) the application is in the prescribed form;

5 (b) the resolutions of the Convention relating to breeding in captivity or artificial propagation of species listed in Appendix I of Schedule IV are satisfied; and

(c) the provisions of the Act and rules made thereunder have been duly complied with,

10 record an entry of the statement in a register and grant the applicant a certificate of registration.

(2) The Chief Wild Life Warden shall, if the provisions or resolutions of the Convention or this Act and any rules made hereunder have not been complied with, or if a false particular is furnished, refuse or cancel the registration as the case may be after providing the applicant with an opportunity of being heard.

15 (3) The certificate of registration under sub-section (1) shall be issued for a period of two years and may be renewed after two years on payment of such fee as may be prescribed.

20 (4) Any person aggrieved by the refusal of the Chief Wild Life Warden or cancellation of registration under sub-section (2) may prefer an appeal to the State Government within a period of sixty days in such manner as may be prescribed.

49P. No person shall alter, deface, erase or remove a mark of identification affixed upon the scheduled specimen or its package.

Prohibition on alteration, etc.

25 52 of 1962. 49Q. (1) Every species or scheduled specimen, in respect of which any offence against this Act or rules made thereunder has been committed, shall become the property of the Central Government and the provisions of section 39 shall, without prejudice to the Customs Act, 1962, apply, *mutatis mutandis*, in relation to species and scheduled specimens as they apply in relation to wild animals, captive animals and animal articles.

Species and scheduled specimens to be Government property.

30 (2) Where a living specimen of a species listed in Schedule IV has been seized under this Act or the Customs Act, 1962 or any other law for the time being in force as a result of import into India in contravention of this Act, the Management Authority shall, after consultation with the country of export, return the specimen to that country at the expense of that country, or ensure that it is housed and cared for by a recognised zoo or rescue centre in case it cannot be returned to the country of export.

35 (3) The Management Authority may for such purposes consult the Scientific Authority as it deems appropriate.

40 49R. Where the same species is listed in Schedule I or II and Schedule IV, then, the provisions of this Act applicable to such species listed in Schedule I or II and the rules made thereunder shall apply.!

Application of provisions of Act in respect of species listed in Schedule I or II and Schedule IV.



- Amendment of section 50. **31.** In section 50 of the principal Act, in sub-section (1),—
- (i) after the words "the Director or any other officer authorised by him in this behalf", the words "or the Management Authority or any officer authorised by the Management Authority" shall be inserted;
- (ii) after the words "a sub-inspector", the words "or any customs officer not below the rank of an inspector or any officer of the coast guard not below the rank of an Assistant Commandant" shall be inserted;
- (iii) in clauses (a) and (c), after the words "derivative thereof", the words "or scheduled specimen" shall be inserted.
- Amendment of section 51. **32.** In section 51 of the principal Act,—
- (a) in sub-section (1),—
- (i) for the words "twenty-five thousand rupees", the words "one lakh rupees" shall be substituted;
- (ii) in the first proviso,—
- (A) the words and figures "or Part II of Schedule II" shall be omitted;
- (B) after the words "boundaries of a sanctuary or National Park", the words and figures "or where the offence relates to a specimen of a species listed on Appendix I of Schedule IV" shall be inserted;
- (C) for the words "ten thousand rupees", the words "twenty-five thousand rupees" shall be substituted;
- (iii) in the second proviso, for the words "twenty-five thousand rupees", the words "one lakh rupees" shall be substituted;
- (b) in sub-section (1A), for the words "ten thousand rupees", the words "twenty-five thousand rupees" shall be substituted.
- Amendment of section 51A. **33.** In section 51A of the principal Act, the words and figures "or Part II of Schedule II" shall be omitted.
- Amendment of section 54. **34.** In the section 54 of the principal Act, in sub-section (4), for the words "twenty-five thousand rupees", the words "five lakh rupees" shall be substituted.
- Amendment of section 55. **35.** In section 55 of the principal Act, after clause (ac), the following clause shall be inserted, namely:—
- "(ad) the Management Authority or any officer, including an officer of the Wild Life Crime Control Bureau, authorised in this behalf by the Central Government; or".
- Amendment of section 57. **36.** In section 57 of the principal Act, after the words "derivate thereof" at both the places where they occur, the words "or Scheduled specimen" shall be inserted.
- Amendment of section 61. **37.** In section 61 of the principal Act, for the word "add", the words "amend any Schedule or add" shall be substituted.
- Amendment of section 62. **38.** In section 62 of the principal Act,—
- (a) the words and figures "and Part II of Schedule II" shall be omitted;
- (b) the words and figure "and so long as such notification is in force, such wild animals shall be deemed to have been included in Schedule V" shall be omitted.

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| 39. After section 62 of the principal Act, the following sections shall be inserted, Namely:—   | Insertion of new sections 62A and 62B.                                |
| 5 "62A. (1) The Central Government may, by notification, regulate or prohibit the import, trade, possession or proliferation of invasive alien species which pose a threat to the wild life or habitat in India.  | Regulation or prohibition of import, etc., of invasive alien species. |
| (2) The Central Government may authorise the Director or any other officer to seize and dispose of, including through destruction, the species referred to in the notification issued under sub-section (1).  |   |
| 10 62B. Notwithstanding any other provision of this Act, the Central Government may call for any information or report from a State Government or any such other agency or body or issue any direction to a State Government or any such other agency or body for effective implementation of the provisions of the Act for the protection, conservation and management of wild life in the country." | Power to issue directions.  |
| 40. In section 63 of the principal Act, in sub-section (1),—  | Amendment of section 63.  |
| 15 (a) after clause (ai), the following clause shall be inserted, namely:—  |   |
| " (aii) terms and conditions of the committee, sub-committees or study groups under sub-section (3) of section 5B;";  |   |
| (b) after clause (gvi), the following clauses shall be inserted, namely:—   |   |
| 20 "(gvii) the manner of disposal of Government property under sub-section (5) of section 39;   |   |
| (gviii) the conditions for transfer or transport of live alaphant under sub-section (4) of section 43;";  |   |
| (c) after clause (j), the following clauses shall be inserted, namely:—   |   |
| 25 "(ji) the terms and conditions of service including salaries and allowances for appointment of the officers and employees of the Management Authority under sub-section (4) of section 49E;  |   |
| (jii) the conditions and procedures subject to which any exemption provided for in Article VII of the Convention may be availed under sub-section (2) of section 49H;   |   |
| 30 (jiii) the reporting of details of scheduled specimens and the transaction as per sub-section (3) of section 49H;  |   |
| (jiv) the matters provided for in sub-sections (8) and (9) of section 49M;  |   |
| 35 (jv) the form and manner of the application, the fee payable, the form of certificate of registration, and the procedure to be followed in granting or cancelling a certificate of registration as per sub-section (2) of section 49N;   |   |
| (jvi) the fee payable for renewal of certificates of registration as per sub-section (3), and manner of making appeal under sub-section (4), of section 49-O;   |   |
| 40 (jvii) any other matter for proper implementation of the Convention as may be required under Chapter VB;".   |   |
| 41. For Schedules I, II, III, IV, V and VI to the principal Act, the following Schedules shall be substituted, namely:—   | Amendment of Schedules.   |

‘SCHEDULE I

(See sections 9, 11, 12, 38-I, 39, 40, 40A, 41, 42, 42A, 43, 48, 48A, 50, 51, 51A,  
57 and Chapter V-A)

**PART A: MAMMALS**

| <b>Sl. No.</b> | <b>Common Name</b>                   | <b>Scientific Name</b>                 |
|----------------|--------------------------------------|--|
| 1.             | Asiatic Elephant                     | <i>Elephas maximus</i>                 |
| 2.             | Tiger                                | <i>Panthera tigris</i>                 |
| 3.             | Asiatic Lion                         | <i>Panthera leo persica</i>            |
| 4.             | Snow Leopard                         | <i>Uncia uncia</i>                     |
| 5.             | Clouded Leopard                      | <i>Neofelis nebulosa</i>               |
| 6.             | Leopard                              | <i>Panthera pardus</i>                 |
| 7.             | Cheetah                              | <i>Acinonyx jubatus</i>                |
| 8.             | Desert Cat                           | <i>Felis silvestris</i>                |
| 9.             | Leopard Cat                          | <i>Prionailurus bengalensis</i>        |
| 10.            | Fishing Cat                          | <i>Prionailurus viverrinus</i>         |
| 11.            | Asiatic Golden Cat                   | <i>Catopumatemminckii</i>              |
| 12.            | Marbled Cat                          | <i>Pardofelis marmorata</i>            |
| 13.            | Pallas's Cat                         | <i>Otocolobus manul</i>                |
| 14.            | Rusty Spotted Cat                    | <i>Prionailurus rubiginosus</i>        |
| 15.            | Caracal                              | <i>Caracal caracal</i>                 |
| 16.            | Eurasian Lynx                        | <i>Lynx lynx</i>                       |
| 17.            | Indian/Greater One-horned Rhinoceros | <i>Rhinoceros unicornis</i>            |
| 18.            | Red Panda                            | <i>Ailurus fulgens</i>                 |
| 19.            | Binturong                            | <i>Arctictis binturong</i>             |
| 20.            | Indian Muntjac/Barking deer          | <i>Muntiacus muntjac</i>               |
| 21.            | Alpine Musk Deer                     | <i>Moschus chrysogaster</i>            |
| 22.            | Hog Deer                             | <i>Axis porcinus</i>                   |
| 23.            | Indian Chevrotain/Mouse Deer         | <i>Moschiola indica</i>                |
| 24.            | Manipur Brow-antlered Deer/Thamin    | <i>Rucervus eldi eldii</i>             |
| 25.            | Northern Swamp Deer                  | <i>Rucervus duvauceli duvaucelii</i>   |
| 26.            | Central Swamp Deer                   | <i>Rucervus duvauceli branderi</i>     |
| 27.            | Eastern Swamp Deer                   | <i>Rucervus duvauceli iranjitsinhi</i> |
| 28.            | Kashmir Stag                         | <i>Cervus elaphus hanglu</i>           |
| 29.            | Blackbuck                            | <i>Antelope cervicapra</i>             |
| 30.            | Chinkara/Indian Gazelle              | <i>Gazella bennettii</i>               |
| 31.            | Tibetan Gazelle                      | <i>Procapra picticaudata</i>           |
| 32.            | Four-horned Antelope                 | <i>Tetracerus quadricornis</i>         |
| 33.            | Tibetan Antelope                     | <i>Pantholopshodgsonii</i>             |
| 34.            | Asiatic Black Bear                   | <i>Ursus thibetanus</i>                |
| 35.            | Brown Bear                           | <i>Ursus arctos</i>                    |
| 36.            | Sun Bear                             | <i>Helarctos malayanus</i>             |
| 37.            | Sloth Bear                           | <i>Melursus ursinus</i>                |
| 38.            | Western Hoolock Gibbon               | <i>Hoolock hoolock</i>                 |
| 39.            | Eastern Hoolock Gibbon               | <i>Hoolock leuconedys</i>              |
| 40.            | Gray Slender Loris                   | <i>Loris lydekkerianus</i>             |

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|-----|----------------------------------|-------------------------------------|
| 41. | Bengal Slow Loris                | <i>Nycticebus bengalensis</i>       |
| 42. | Capped Langur                    | <i>Trachypithecus pileatus</i>      |
| 43. | Gee's Golden Langur              | <i>Trachypithecus geei</i>          |
| 44. | Nilgiri Langur                   | <i>Trachypithecus johnii</i>        |
| 45. | Lion-Tailed Macaque              | <i>Macaca silenus</i>               |
| 46. | Crab-eating Macaque              | <i>Macaca fascicularis umbrosus</i> |
| 47. | Northern Pig-tailed Macaque      | <i>Macaca leonina</i>               |
| 48. | Stump-tailed macaque             | <i>Macaca arctoides</i>             |
| 49. | Phayre's Leaf Monkey             | <i>Trachypithecus phayrei</i>       |
| 50. | Indian Pangolin                  | <i>Manis crassicaudata</i>          |
| 51. | Chinese Pangolin                 | <i>Manis pentadactyla</i>           |
| 52. | Desert Fox                       | <i>Vulpes vulpes pusilla</i>        |
| 53. | Himalayan Red Fox                | <i>Vulpes vulpes montana</i>        |
| 54. | Kashmir Red Fox                  | <i>Vulpes vulpes griffithii</i>     |
| 55. | Tibetan Sand Fox                 | <i>Vulpes ferrilata</i>             |
| 56. | Indian Wolf                      | <i>Canis lupus pallipes</i>         |
| 57. | Tibetan Wolf                     | <i>Canis lupus chanco</i>           |
| 58. | Asiatic Wild Dog/Dhole           | <i>Cuon alpinus</i>                 |
| 59. | Gaur/Indian Bison                | <i>Bos gaurus</i>                   |
| 60. | Wild Yak                         | <i>Bos mutus</i>                    |
| 61. | Wild Water Buffalo               | <i>Bubalus arnee</i>                |
| 62. | Himalayan Tahr                   | <i>Hemitragus jemlahicus</i>        |
| 63. | Nilgiri Tahr                     | <i>Nilgiritragus hylocrius</i>      |
| 64. | Himalayan Serow                  | <i>Capricornis thar</i>             |
| 65. | Siberian/Asiatic/Himalayan Ibex  | <i>Capra sibirica</i>               |
| 66. | Markhor                          | <i>Capra falconeri</i>              |
| 67. | Takin                            | <i>Budorcas taxicolor</i>           |
| 68. | Himalayan Goral                  | <i>Nemorhaedus goral</i>            |
| 69. | Argali/Nayan/Great Tibetan Sheep | <i>Ovis ammon hodgsonii</i>         |
| 70. | Urial                            | <i>Ovis vignei</i>                  |
| 71. | Indian Wild Ass                  | <i>Equus hemionus khur</i>          |
| 72. | Tibetan Wild Ass                 | <i>Equus kiang kiang</i>            |
| 73. | Himalayan Marmot                 | <i>Marmota himalayana</i>           |
| 74. | Long-tailed Marmot               | <i>Marmota caudata</i>              |
| 75. | Asiatic Brush tailed Porcupine   | <i>Atherurus macrourus</i>          |
| 76. | Himalayan crestless Porcupine    | <i>Hystrix brachyura</i>            |
| 77. | Indian porcupine                 | <i>Hystrix indica</i>               |
| 78. | Spotted Linsang                  | <i>Prionodon pardicolor</i>         |
| 79. | Hispid Hare                      | <i>Caprolagus hispidus</i>          |
| 80. | Hog Badger                       | <i>Arctonyx collaris</i>            |
| 81. | Ratel/Honey Badger               | <i>Mellivora capensis</i>           |
| 82. | Oriental Small-clawed Otter      | <i>Aonyx cinerea</i>                |
| 83. | Eurasian Otter                   | <i>Lutra lutra</i>                  |
| 84. | Smooth-coated Otter              | <i>Lutrogale perspicillata</i>      |
| 85. | Pygmy Hog                        | <i>Porcula salvania</i>             |
| 86. | Hairy-footed Flying Squirrel     | <i>Belomys pearsonii</i>            |
| 87. | Woolly Flying Squirrel           | <i>Eupetaurus cinereus</i>          |
| 88. | Spotted Giant Flying Squirrel    | <i>Petaurista elegans</i>           |

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|------|------------------------------------|-----------------------------------|
| 89.  | Hodgson's Giant Flying Squirrel    | <i>Petauristamagnificus</i>       |
| 90.  | Bhutan Giant Flying Squirrel       | <i>Petaurista nobilis</i>         |
| 91.  | Red Giant Flying Squirrel          | <i>Petauristapetaurista</i>       |
| 92.  | Indian Giant Flying Squirrel       | <i>Petauristaphilippensis</i>     |
| 93.  | Malabar/Indian Giant Squirrel      | <i>Ratufa indica</i>              |
| 94.  | Malayan Giant Squirrel             | <i>Ratufabicolor</i>              |
| 95.  | Grizzled Giant Squirrel            | <i>Ratufa macroura</i>            |
| 96.  | Travancore Flying Squirrel         | <i>Petinomysfuscocapillus</i>     |
| 97.  | Wroughton's Free tailed Bat        | <i>Otomopswroughtoni</i>          |
| 98.  | Salim Ali's Fruit Bat              | <i>Latidenssalimalii</i>          |
| 99.  | Dugong/Sea Cow                     | <i>Dugong dugon</i>               |
| 100. | Gangetic/South Asian River Dolphin | <i>Platanista gangetica</i>       |
| 101. | Long-beaked Common Dolphin         | <i>Delphinus capensis</i>         |
| 102. | Short-beaked Saddleback Dolphin    | <i>Delphinus delphis</i>          |
| 103. | Irrawady Dolphin                   | <i>Orcaellabrevirostris</i>       |
| 104. | Risso's Dolphin                    | <i>Grampus griseus</i>            |
| 105. | Fraser's Dolphin                   | <i>Lagenodelphishosei</i>         |
| 106. | Indo-Pacific hump-back Dolphin     | <i>Sousa chinensis</i>            |
| 107. | Pantropical Spotted Dolphin        | <i>Stenellaattenuata</i>          |
| 108. | Striped Dolphin                    | <i>Stenellacoeruleoalba</i>       |
| 109. | Pantropical Spinner Dolphin        | <i>Stenellalongirostris</i>       |
| 110. | Rough-toothed Dolphin              | <i>Steno bredanensis</i>          |
| 111. | Indo-Pacific Bottlenose Dolphin    | <i>Tursiops aduncus</i>           |
| 112. | Common Minke Whale                 | <i>Balaenoptera acutorostrata</i> |
| 113. | Sei Whale                          | <i>Balaenoptera borealis</i>      |
| 114. | Bryde's Whale                      | <i>Balaenoptera edeni</i>         |
| 115. | Blue Whale                         | <i>Balaenoptera musculus</i>      |
| 116. | Fin Whale                          | <i>Balaenoptera physalus</i>      |
| 117. | Humpback Whale                     | <i>Megaptera novaeangliae</i>     |
| 118. | Pygmy Killer Whale                 | <i>Feresaattenuata</i>            |
| 119. | Short-finned Pilot Whale           | <i>Globicephala macrorhynchus</i> |
| 120. | Killer Whale                       | <i>Orcinus orca</i>               |
| 121. | Melon-headed Whale                 | <i>Peponocephalaelectra</i>       |
| 122. | False Killer Whale                 | <i>Pseudorca crassidens</i>       |
| 123. | Sperm Whale/Cachalot               | <i>Physeter macrocephalus</i>     |
| 124. | Pygmy Sperm Whale                  | <i>Kogiabreviceps</i>             |
| 125. | Dwarf Sperm Whale                  | <i>Kogia sima</i>                 |
| 126. | Blainville's Beaked Whale          | <i>Mesoplodon densirostris</i>    |
| 127. | Ginkgo-toothed Beaked Whale        | <i>Mesoplodon ginkgodens</i>      |
| 128. | Cuvier's Beaked Whale              | <i>Ziphiuscavirostris</i>         |
| 129. | Finless Porpoise                   | <i>Neophocaenaphocaenoides</i>    |
| 130. | Red Fox                            | <i>Vulpes vulpes</i>              |
| 131. | Malabar Large-spotted Civet        | <i>Viverracivettina</i>           |

#### PART B: BIRDS

| Sl. No. | Common Name     | Scientific Name         |
|---------|-----------------|-------------------------|
| 1.      | Indian Peafowl  | <i>Pavocristatus</i>    |
| 2.      | Green Peafowl   | <i>Pavomuticus</i>      |
| 3.      | Hume's Pheasant | <i>Syrmaticushumiae</i> |

|     |                           |                                  |
|-----|---------------------------|----------------------------------|
| 4.  | Blood Pheasant            | <i>Ithaginis cruentus</i>        |
| 5.  | Cheer Pheasant            | <i>Catreus wallichii</i>         |
| 6.  | Grey Peacock-pheasant     | <i>Polyplectron bicalcaratum</i> |
| 7.  | Himalayan Monal           | <i>Lophophorus impejanus</i>     |
| 8.  | Slater's Monal            | <i>Lophophorus sclateri</i>      |
| 9.  | Western Tragopan          | <i>Tragopan melanocephalus</i>   |
| 10. | Blyth's Tragopan          | <i>Tragopan blythii</i>          |
| 11. | Satyr Tragopan            | <i>Tragopan satyra</i>           |
| 12. | Temmick's Tragopan        | <i>Tragopan temmickii</i>        |
| 13. | Tibetan Eared-pheasant    | <i>Crossoptilon harmani</i>      |
| 14. | Kalij Pheasant            | <i>Lophura leucomelanos</i>      |
| 15. | Bugun Liocichla           | <i>Liocichla bugunorum</i>       |
| 16. | Demoiselle Crane          | <i>Grus virgo</i>                |
| 17. | Sarus Crane               | <i>Antigone antigone</i>         |
| 18. | Common Crane              | <i>Grus grus</i>                 |
| 19. | Mountain Bamboo-partridge | <i>Bambusicola fytchii</i>       |
| 20. | Black Baza                | <i>Aviceda lephotes</i>          |
| 21. | Jerdon's Baza             | <i>Aviceda jerdoni</i>           |
| 22. | Bengal Florican           | <i>Houbaropsis bengalensis</i>   |
| 23. | Siberian Crane            | <i>Grus leucogeranus</i>         |
| 24. | Black-necked Crane        | <i>Grus nigricollis</i>          |
| 25. | Hooded Crane              | <i>Grus monacha</i>              |
| 26. | Oriental Stork            | <i>Ciconia boyciana</i>          |
| 27. | White-bellied Heron       | <i>Ardea insignis</i>            |
| 28. | Forest Owllet             | <i>Heteroglaux blewitti</i>      |
| 29. | Hodgson's Frogmouth       | <i>Batrachostomus hodgsoni</i>   |
| 30. | Sri Lanka Frogmouth       | <i>Batrachostomus moniliger</i>  |
| 31. | Great Indian Bustard      | <i>Ardeotis nigriceps</i>        |
| 32. | Houbara Bustard           | <i>Chlamydotis undulata</i>      |
| 33. | Great Hornbill            | <i>Buceros bicornis</i>          |
| 34. | Tickell's Brown Hornbill  | <i>Anorrhinus tickelli</i>       |
| 35. | Wreathed Hornbill         | <i>Aceros undulatus</i>          |
| 36. | Rufous-necked Hornbill    | <i>Aceros nipalensis</i>         |
| 37. | Oriental Pied Hornbill    | <i>Anthracoceros albirostris</i> |
| 38. | Narcondam Hornbill        | <i>Aceros narcondami</i>         |
| 39. | Jerdon's Courser          | <i>Rhinoptilus bitorquatus</i>   |
| 40. | Lesser Florican           | <i>Sypheotides indicus</i>       |
| 41. | Himalayan Quail           | <i>Ophryias superciliosa</i>     |
| 42. | Nicobar Megapode          | <i>Megapodius nicobariensis</i>  |
| 43. | Nicobar Pigeon            | <i>Caloenas nicobarica</i>       |
| 44. | Grey Junglefowl           | <i>Gallus sonnerati</i>          |
| 45. | Sunda Teal                | <i>Anas gibberifrons</i>         |
| 46. | Fulvous Whistling-duck    | <i>Dendrocygna bicolor</i>       |
| 47. | Pink-headed Duck          | <i>Rhodonessacaryophyllacea</i>  |
| 48. | Tibetan Snowcock          | <i>Tetraogallus tibetanus</i>    |
| 49. | Eurasian Spoonbill Duck   | <i>Platalea leucorodia</i>       |
| 50. | White-winged Duck         | <i>Cairina scutulata</i>         |

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|-----|-------------------------|---------------------------------|
| 51. | Red-breasted Parakeet   | <i>Psittaculaalexandri</i>      |
| 52. | Hill Myna               | <i>Gracula religiosa</i>        |
| 53. | Derbyan Parakeet        | <i>Psittaculaderbiana</i>       |
| 54. | White-bellied Sea-eagle | <i>Haliaeetus leucogaster</i>   |
| 55. | Osprey                  | <i>Pandion haliaetus</i>        |
| 56. | Lammergeier             | <i>Gypaetus barbatus</i>        |
| 57. | Lagger Falcon           | <i>Falco jugger</i>             |
| 58. | Peregrine Falcon        | <i>Falco peregrinus</i>         |
| 59. | Red-necked Merlin       | <i>Falco chiquera</i>           |
| 60. | Saker Falcon            | <i>Falco cherrug</i>            |
| 61. | Indian Vulture          | <i>Gyps indicus</i>             |
| 62. | White-rumped Vulture    | <i>Gyps bengalensis</i>         |
| 63. | Slender-billed Vulture  | <i>Gyps tenuirostris</i>        |
| 64. | Bearded Vulture         | <i>Gypaetus barbatus</i>        |
| 65. | Egyptian Vulture        | <i>Neophron percnopterus</i>    |
| 66. | Red-headed Vulture      | <i>Sarcogyps calvus</i>         |
| 67. | Himalayan Vulture       | <i>Gyps himalayensis</i>        |
| 68. | Griffon Vulture         | <i>Gyps fulvus</i>              |
| 69. | Cinereous Vulture       | <i>Aegypiusmonachus</i>         |
| 70. | Crested Serpent Eagle   | <i>Spilornis cheela</i>         |
| 71. | Nicobar Serpent Eagle   | <i>Spilornisklossi</i>          |
| 72. | Andaman Serpent Eagle   | <i>Spilorniselgini</i>          |
| 73. | Short-toed Snake Eagle  | <i>Circaetus gallicus</i>       |
| 74. | Mountain Hawk Eagle     | <i>Nisaetus nipalensis</i>      |
| 75. | Changeable Hawk Eagle   | <i>Nisaetus cirrhatus</i>       |
| 76. | Rufous-bellied Eagle    | <i>Lophotriorchiskienerii</i>   |
| 77. | Black Eagle             | <i>Ictinaetus malaiensis</i>    |
| 78. | Indian Spotted Eagle    | <i>Clanga hastata</i>           |
| 79. | Greater Spotted Eagle   | <i>Clanga clanga</i>            |
| 80. | Tawny Eagle             | <i>Aquila rapax</i>             |
| 81. | Steppe Eagle            | <i>Aquila nipalensis</i>        |
| 82. | Eastern Imperial Eagle  | <i>Aquila heliaca</i>           |
| 83. | Golden Eagle            | <i>Aquila chrysaetos</i>        |
| 84. | Bonelli's Eagle         | <i>Aquila fasciata</i>          |
| 85. | Booted Eagle            | <i>Hieraaetus pennatus</i>      |
| 86. | Pallas's Fish Eagle     | <i>Haliaeetus leucoryphus</i>   |
| 87. | White-tailed Sea Eagle  | <i>Haliaeetus albicilla</i>     |
| 88. | Lesser Fish Eagle       | <i>Ichthyophaga humilis</i>     |
| 89. | Grey-headed Fish Eagle  | <i>Ichthyophaga ichthyaetus</i> |
| 90. | Besra                   | <i>Accipiter virgatus</i>       |
| 91. | Brahminy Kite           | <i>Haliastur indus</i>          |
| 92. | Northern Goshawk        | <i>Accipiter gentilis</i>       |
| 93. | Red Kite                | <i>Milvus milvus</i>            |
| 94. | Black Kite              | <i>Milvus migrans</i>           |
| 95. | White-eyed Buzzard      | <i>Butastur teesa</i>           |
| 96. | Grey-faced Buzzard      | <i>Butastur indicus</i>         |
| 97. | Common Buzzard          | <i>Buteo buteo</i>              |
| 98. | Himalayan Buzzard       | <i>Buteo refectus</i>           |



|      |                       |                              |
|------|-----------------------|------------------------------|
| 99.  | Long-legged Buzzard   | <i>Buteo rufinus</i>         |
| 100. | Upland Buzzard        | <i>Buteo hemilasius</i>      |
| 101. | Western Marsh Harrier | <i>Circus aeruginosus</i>    |
| 102. | Eastern Marsh Harrier | <i>Circus spilonotus</i>     |
| 103. | Pallid Harrier        | <i>Circus macrourus</i>      |
| 104. | Hen Harrier           | <i>Circus cyaneus</i>        |
| 105. | Pied Harrier          | <i>Circus melanoleucos</i>   |
| 106. | Montagu's Harrier     | <i>Circus pygargus</i>       |
| 107. | Crested Goshawk       | <i>Accipiter trivirgatus</i> |
| 108. | Nicobar Sparrowhawk   | <i>Accipiter butleri</i>     |
| 109. | Chinese Sparrowhawk   | <i>Accipiter soloensis</i>   |
| 110. | Japanese Sparrowhawk  | <i>Accipiter gularis</i>     |
| 111. | Eurasian Sparrowhawk  | <i>Accipiter nisus</i>       |
| 112. | Shikra                | <i>Accipiter badius</i>      |

### PART C: REPTILES

| Sl. No. | Name of Wild Animal           | Scientific Name                |
|---------|-------------------------------|--------------------------------|
| 1.      | Desert Monitor Lizard         | <i>Varanus griseus</i>         |
| 2.      | Bengal Monitor Lizard         | <i>Varanus bengalensis</i>     |
| 3.      | Yellow Monitor Lizard         | <i>Varanus flavescens</i>      |
| 4.      | Water Monitor Lizard          | <i>Varanus salvator</i>        |
| 5.      | Indian Spiny Tailed Lizard    | <i>Uromastyxhardwickii</i>     |
| 6.      | Kangaroo Lizard               | <i>Otocryptisbeddomei</i>      |
| 7.      | Southern Flying Lizard        | <i>Draco dussumieri</i>        |
| 8.      | Tokay Gecko                   | <i>Gekko gekko</i>             |
| 9.      | Indian Chamaeleon             | <i>Chamaeleozeylanicus</i>     |
| 10.     | Saltwater Crocodile           | <i>Crocodylusporosus</i>       |
| 11.     | Mugger/Marsh                  | <i>Crocodylus palustris</i>    |
| 12.     | Gharial                       | <i>Gavialis gangeticus</i>     |
| 13.     | Asiatic softshell Turtle      | <i>Amydcartilaginea</i>        |
| 14.     | Northern River Terrapin       | <i>Batagurbaska</i>            |
| 15.     | Three-striped roofed Turtle   | <i>Batagurdhongoka</i>         |
| 16.     | Red crowned roofed Turtle     | <i>Batagurkachuga</i>          |
| 17.     | Spotted pond Turtle           | <i>Geoclemyshamiltoni</i>      |
| 18.     | Crowned river Turtle          | <i>Hardellathurjii</i>         |
| 19.     | Tricarinate hill Turtle       | <i>Melanochelystricarinata</i> |
| 20.     | Indian Softshell Turtle       | <i>Nilssonianaganetica</i>     |
| 21.     | Leith's softshell Turtle      | <i>Nilssonialeithi</i>         |
| 22.     | Black softshell Turtle        | <i>Nilssonia nigricans</i>     |
| 23.     | Asian Giant Soft-shell Turtle | <i>Pelochelyscantorii</i>      |
| 24.     | Green Sea Turtle              | <i>Chelonia mydas</i>          |
| 25.     | Hawksbill Turtle              | <i>Eretmochelys imbricata</i>  |
| 26.     | Cochin Forest Cane Turtle     | <i>Vijayachelyssilvatica</i>   |
| 27.     | Leather Back Turtle           | <i>Dermochelys coriacea</i>    |
| 28.     | Olive Ridley Sea Turtle       | <i>Lepidochelys olivacea</i>   |
| 29.     | Peacock Soft-shell Turtle     | <i>Nilssoniahurum</i>          |
| 30.     | Keeled box Turtle             | <i>Cuoramouhotii</i>           |
| 31.     | Asian giant Tortoise          | <i>Manouriaemys</i>            |
| 32.     | Indian Star Tortoise          | <i>Geochelone elegans</i>      |



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|-----|-------------------------|---------------------------------|
| 33. | Travancore Tortoise     | <i>Indotestudo travancorica</i> |
| 34. | Sal Forest Tortoise     | <i>Indotestudo elongata</i>     |
| 35. | Indian/Spectacled Cobra | <i>Naja naja</i>                |
| 36. | Monocellate Cobra       | <i>Naja kaouthia</i>            |
| 37. | Central Asian Cobra     | <i>Naja oxiana</i>              |
| 38. | Andaman Cobra           | <i>Naja sagittifera</i>         |
| 39. | King Cobra              | <i>Ophiophagus hannah</i>       |
| 40. | Common Krait            | <i>Bungarus caeruleus</i>       |
| 41. | Banded krait            | <i>Bungarus fasciatus</i>       |
| 42. | Saw-scaled Viper        | <i>Echiscarinatus</i>           |
| 43. | Russell's Viper         | <i>Daboia russelii</i>          |

**PART D: AMPHIBIANS**

| Sl. No. | Common Name          | Scientific Name              |
|---------|----------------------|------------------------------|
| 1.      | Himalayan Salamander | <i>Tylotriton verrucosus</i> |

**PART E: FISHES**

| Sl. No. | Common Name                        | Scientific Name                    |
|---------|------------------------------------|------------------------------------|
| 1.      | Whale shark                        | <i>Rhincodon typus</i>             |
| 2.      | Knifetooth sawfish                 | <i>Anoxypristiscuspidata</i>       |
| 3.      | Long nosed shark/Pondicherry shark | <i>Carcharhinus hemiodon</i>       |
| 4.      | Gangetic shark                     | <i>Glyphis gangeticus</i>          |
| 5.      | Freshwater sawfish                 | <i>Pristispristis</i>              |
| 6.      | Green sawfish                      | <i>Pristiszijsron</i>              |
| 7.      | Giant guitarfish                   | <i>Rhynchobatusdjiddensis</i>      |
| 8.      | Porcupine ray                      | <i>Urogymnusasperrimus</i>         |
| 9.      | Ganges Stingray                    | <i>Himantura fluviatilis</i>       |
| 10.     | Denison barb                       | <i>Puntius denisonii</i>           |
| 11.     | Assamese Kingfish                  | <i>Semiplotussemiplotus</i>        |
| 12.     | Giant grouper                      | <i>Epinepheluslanceolatus</i>      |
| 13.     | Manipur osteobrama                 | <i>Osteobramabelangeris</i>        |
| 14.     | Pipe fish                          | <i>Choeroichthyssculptus</i>       |
| 15.     | Pipe fish                          | <i>Corythoichthys amplexus</i>     |
| 16.     | Pipe fish                          | <i>Corythoichthyshaematopterus</i> |
| 17.     | Pipe fish                          | <i>Corythoichthys intestinalis</i> |
| 18.     | Pipe fish                          | <i>Corythoichthys ocellatus</i>    |
| 19.     | Pipe fish                          | <i>Corythoichthysschultzi</i>      |
| 20.     | Pipe fish                          | <i>Doryhamphusdactyliophorus</i>   |
| 21.     | Pipe fish                          | <i>Halicampusmacrorhynchus</i>     |
| 22.     | Pipe fish                          | <i>Halicampusmataafe</i>           |
| 23.     | Pipe fish                          | <i>Syngnathoidesbiaculeatus</i>    |
| 24.     | Sea horse                          | <i>Hippocampus histrix</i>         |
| 25.     | Sea horse                          | <i>Hippocampus kuda</i>            |
| 26.     | Sea horse                          | <i>Hippocampus trimaculatus</i>    |

**PART F: INSECTS**

| Sl. No. | Common Name                 | Scientific Name              |
|---------|-----------------------------|------------------------------|
| 1.      | Kaiser-i-Hind               | <i>Teinopalpusimperialis</i> |
| 2.      | Varnished Apollo Butterfly  | <i>Parnassiusacco</i>        |
| 3.      | Banded Apollo Butterfly     | <i>Parnassiusdelphius</i>    |
| 4.      | Hannington Apollo Butterfly | <i>Parnassiushanningtoni</i> |

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| 5.  | Imperial Apollo Butterfly              | <i>Parnassius imperator</i>              |
| 6.  | Ladakh Banded Apollo Butterfly         | <i>Parnassiusstoliczkanus</i>            |
| 7.  | Bhutan Glory Butterfly                 | <i>Bhutanitislidderdalei</i>             |
| 8.  | Common Clubtail Butterfly              | <i>Atrophaneura coon</i>                 |
| 9.  | Black Windmill Butterfly               | <i>Atrophaneura crassipes</i>            |
| 10. | Nevill's Windmill Butterfly            | <i>Atrophaneuranevilli</i>               |
| 11. | Pemberton's Chinese Windmill Butterfly | <i>Atrophaneuraplutioniuspembertoni</i>  |
| 12. | De Niceville's Windmill Butterfly      | <i>Atrophaneurapolla</i>                 |
| 13. | Common Mime Butterfly                  | <i>Chilasaelytiaclytia</i>               |
| 14. | Yellow-crested Spangle Butterfly       | <i>Papilioelephenor</i>                  |
| 15. | Malabar Banded Swallowtail Butterfly   | <i>Papilioliomedon</i>                   |
| 16. | Shaw's Dwarf Butterfly                 | <i>Baltiashawiiisikkima</i>              |
| 17. | Pale Jezebel Butterfly                 | <i>Deliasanaca</i>                       |
| 18. | Green Banded White Butterfly           | <i>Pieris krueperidevta</i>              |
| 19. | Lemon Clouded Yellow Butterfly         | <i>Coliascocandicathrasibulus</i>        |
| 20. | Dwarf Clouded Yellow Butterfly         | <i>Coliasstoliczkanadubia</i>            |
| 21. | Spotted Black Crow Butterfly           | <i>Euploeacramerinicevillei</i>          |
| 22. | Andaman King Crow Butterfly            | <i>Euploeaeoepstorffi</i>                |
| 23. | Scarce Blue Tiger Butterfly            | <i>Tellervogautamagautamoides</i>        |
| 24. | Scarce Catseye Butterfly               | <i>Coelitesnothis</i>                    |
| 25. | Peal's Palmfly Butterfly               | <i>Elymniaspealii</i>                    |
| 26. | Pointed Palmfly Butterfly              | <i>Elymniaspenanga</i>                   |
| 27. | Scarce Red Forester Butterfly          | <i>Lethe distans</i>                     |
| 28. | Scarce Lilacfork Butterfly             | <i>Letha dura</i>                        |
| 29. | Bamboo Treebrown Butterfly             | <i>Lethe europa</i>                      |
| 30. | Tytler's Treebrown Butterfly           | <i>Lethe gemina</i>                      |
| 31. | Bhutan Treebrown Butterfly             | <i>Lethe margaritae</i>                  |
| 32. | Dismal Mystic Butterfly                | <i>Lethe ocellata</i>                    |
| 33. | Single Silverstripe Butterfly          | <i>Lethe ramadeva</i>                    |
| 34. | Pallid Forester Butterfly              | <i>Lethe satyavati</i>                   |
| 35. | Dark Wall Butterfly                    | <i>Parargemaera</i>                      |
| 36. | Great Fivering Butterfly               | <i>Ypthimadohertyi</i>                   |
| 37. | Banded Duffer Butterfly                | <i>Discophora deo deo</i>                |
| 38. | Freak Butterfly                        | <i>Calinaga buddha</i>                   |
| 39. | Whitespot Fritillary Butterfly         | <i>Clossianaerubescenshaberhaueri</i>    |
| 40. | Bhutan Sergeant Butterfly              | <i>Pantoporiajinajina</i>                |
| 41. | Grey Commodore Butterfly               | <i>Limenitis austenia purpurascens</i>   |
| 42. | Grand Duke Butterfly                   | <i>Euthaliaiva</i>                       |
| 43. | Naga Duke Butterfly                    | <i>Euthaliakhamacurvifascia</i>          |
| 44. | Tawny Emperor Butterfly                | <i>Chitoriaulupiulupi</i>                |
| 45. | Branded Yeoman Butterfly               | <i>Cirrochroafasciata</i>                |
| 46. | Scarce Siren Butterfly                 | <i>Hestinanicevillei</i>                 |
| 47. | Golden Emperor Butterfly               | <i>Dilipamorgiana</i>                    |
| 48. | Autumn Leaf Butterfly                  | <i>Doleschalliabisaltideandamanensis</i> |
| 49. | Tytler's Emperor Butterfly             | <i>Eulaceuramanipurensis</i>             |
| 50. | Blue Duke Butterfly                    | <i>Euthaliadurga splendens</i>           |
| 51. | Blue Baron Butterfly                   | <i>Euthaliatelchinia</i>                 |
| 52. | White Emperor Butterfly                | <i>Helcyrahemina</i>                     |

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|-----|---------------------------------|------------------------------------|
| 53. | Empress Butterfly               | <i>Sasakia funebris</i>            |
| 54. | Eastern Courtier Butterfly      | <i>Sephisachandra</i>              |
| 55. | Scarce White Comodore Butterfly | <i>Limnitis zulema</i>             |
| 56. | Scarce Jester Butterfly         | <i>Symbrenthiasilana</i>           |
| 57. | Chestnut Rajah Butterfly        | <i>Charaxes durnofordinicholii</i> |
| 58. | Malayan Nawab Butterfly         | <i>Polyura moori sandakanus</i>    |
| 59. | Blue Nawab Butterfly            | <i>Polyuraschreiberi</i>           |
| 60. | Blue Begum Butterfly            | <i>Prothoe franck regalis</i>      |
| 61. | Chinese Hairstreak Butterfly    | <i>Amblopala avidiensi</i>         |
| 62. | Cachar Mandarin Blue Butterfly  | <i>Charanacepheis</i>              |
| 63. | Blue Posy Butterfly             | <i>Myrinacyara</i>                 |

#### PART G : CRABS

| Sl. No. | Common Name                 | Scientific Name                     |
|---------|-----------------------------|-------------------------------------|
| 1.      | Indo-Pacific Horseshoe Crab | <i>Tachypleus gigas</i>             |
| 2.      | Mangrove Horseshoe Crab     | <i>Carcinoscorpius rotundicauda</i> |
| 3.      | Coconut or Robber Crab      | <i>Birgus latro</i>                 |

#### PART H : CORALS

| Sl. No. | Scientific Name                   |
|---------|-----------------------------------|
| 1.      | <i>Acropora abrotanoides</i>      |
| 2.      | <i>Acropora anthocersis</i>       |
| 3.      | <i>Acropora aspera</i>            |
| 4.      | <i>Acropora austera</i>           |
| 5.      | <i>Acropora awi</i>               |
| 6.      | <i>Acropora brueggemanni</i>      |
| 7.      | <i>Acropora carduus</i>           |
| 8.      | <i>Acropora caroloniana</i>       |
| 9.      | <i>Acropora cerealis</i>          |
| 10.     | <i>Acropora chesterfieldensis</i> |
| 11.     | <i>Acropora clathrata</i>         |
| 12.     | <i>Acropora cophodactyla</i>      |
| 13.     | <i>Acropora copiosa</i>           |
| 14.     | <i>Acropora cytherea</i>          |
| 15.     | <i>Acropora desatwii</i>          |
| 16.     | <i>Acropora digitifera</i>        |
| 17.     | <i>Acropora divaricata</i>        |
| 18.     | <i>Acropora efflorescens</i>      |
| 19.     | <i>Acropora fastigata</i>         |
| 20.     | <i>Acropora florida</i>           |
| 21.     | <i>Acropora formosa</i>           |
| 22.     | <i>Acropora forskali</i>          |
| 23.     | <i>Acropora gemmifera</i>         |
| 24.     | <i>Acropora glauca</i>            |
| 25.     | <i>Acropora globiceps</i>         |
| 26.     | <i>Acropora gomezi</i>            |
| 27.     | <i>Acropora grandis</i>           |
| 28.     | <i>Acropora granulosa</i>         |
| 29.     | <i>Acropora haimeii</i>           |

30. *Acropora hemprichii*
31. *Acropora horrida*
32. *Acropora humilis*
33. *Acropora hyacinthus*
34. *Acropora inermis*
35. *Acropora insignis*
36. *Acropora kimbeensis*
37. *Acropora latistella*
38. *Acropora longicyathus*
39. *Acropora loripes*
40. *Acropora lutkeni*
41. *Acropora massawensis*
42. *Acroporamicroclados*
43. *Acropora microphalma*
44. *Acropora millepora*
45. *Acropora mirabilis*
46. *Acropora monticulosa*
47. *Acropora multiacuta*
48. *Acropora nana*
49. *Acropora nasuta*
50. *Acropora natalensis*
51. *Acropora nobilis*
52. *Acropora ocellata*
53. *Acropora palifera*
54. *Acropora palmerae*
55. *Acropora papillare*
56. *Acropora pharaonis*
57. *Acropora plantaginea*
58. *Acropora polystoma*
59. *Acropora pulchra*
60. *Acropora robusta*
61. *Acropora roseni*
62. *Acropora rudis*
63. *Acropora samoensis*
64. *Acropora schmitti*
65. *Acropora secale*
66. *Acropora selago*
67. *Acropora solitaryensis*
68. *Acropora spicifera*
69. *Acropora squarrosa*
70. *Acropora striata*
71. *Acropora subglabra*
72. *Acropora subulata*
73. *Acropora tanegashimensis*
74. *Acropora tenuis*
75. *Acropora teres*
76. *Acropora torresiana*

77. *Acropora tutuilensis*
78. *Acropora valenciennesi*
79. *Acropora valida*
80. *Acropora variolosa*
81. *Acropora vaughani*
82. *Acropora verweyi*
83. *Acropora wallaceae*
84. *Acropora yongei*
85. *Astreoporacucullata*
86. *Astreoporagracilis*
87. *Astreoporalisteri*
88. *Astreoporamyriophthalma*
89. *Astreoporasuggesta*
90. *Montiporaaquituberculata*
91. *Montiporacaliculata*
92. *Montipora capitata*
93. *Montiporacebuensis*
94. *Montiporadanae*
95. *Montiporadelicatula*
96. *Montipora digitata*
97. *Montiporafoliosa*
98. *Montipora grisea*
99. *Montiporahemispherica*
100. *Montiporahispida*
101. *Montiporainformis*
102. *Montiporameandrina*
103. *Montiporamollis*
104. *Montiporamonasteriata*
105. *Montiporapeltiformis*
106. *Montiporatuberculosa*
107. *Montiporaturgescens*
108. *Montiporavenosa*
109. *Montiporaverrilli*
110. *Montiporaverrucosa*
111. *Montiporaverruculosus*
112. *Montiporavietnamensis*
113. *Gardineroseris plannulata*
114. *Leptoseris cucullata*
115. *Leptoseris explanata*
116. *Leptoseris hawaiiensis*
117. *Leptoseris incrustans*
118. *Leptoseris mycetoseoides*
119. *Leptoseris papyracea*
120. *Leptoseris scabra*
121. *Pachyseris gemmae*
122. *Pachyseris foliosa*
123. *Pachyseris rugosa*

124. *Pachyseris speciosa*
125. *Pavona bipartite*
126. *Pavona cactus*
127. *Pavona clavus*
128. *Pavona decussata*
129. *Pavona duerdeni*
130. *Pavona explanulata*
131. *Pavona gigantea*
132. *Pavona minuta*
133. *Pavona varians*
134. *Pavona venosa*
135. *Madracis kirbyi*
136. *Styloceniella armata*
137. *Styloceniella guentheri*
138. *Dendrophyllia robusta*
139. *Tubastrea coccinia*
140. *Tubastrea diaphana*
141. *Tubastrea micranthus*
142. *Turbinaria mesenterina*
143. *Turbinaria peltata*
144. *Turbinaria reniformis*
145. *Turbinaria stellulata*
146. *Euphyllia ancora*
147. *Euphyllia divisa*
148. *Euphyllia glabrescens*
149. *Physogyra lichtensteini*
150. *Pleurogyra sinulosa*
151. *Barabattoia amicorum*
152. *Barabattoia laddi*
153. *Cyphastrea japonica*
154. *Cyphastrea microphthalma*
155. *Cyphastrea ocellina*
156. *Cyphastrea serailia*
157. *Diploastrea helipora*
158. *Diploria strigosa*
159. *Echinopora fruticulosa*
160. *Echinopora gemmacea*
161. *Echinopora horrida*
162. *Echinopora lamellosa*
163. *Favia albidus*
164. *Favia favius*
165. *Favia helianthoides*
166. *Favia lacuna*
167. *Favia matthaii*
168. *Favia danae*
169. *Favia maxima*
170. *Favia lizardensis*

171. *Favia pallida*
172. *Favia speciosa*
173. *Favia stelligera*
174. *Favia truncatus*
175. *Favites abdita*
176. *Favites acuticollis*
177. *Favites chinensis*
178. *Favites complanata*
179. *Favites flexuosa*
180. *Favites halicora*
181. *Favites micropentagona*
182. *Favites spinosa*
183. *Favites pentagona*
184. *Favites vasta*
185. *Goniastrea aspera*
186. *Goniastrea australensis*
187. *Goniastrea edwardsi*
188. *Goniastrea minuta*
189. *Goniastrea peresi*
190. *Goniastrea pectinata*
191. *Goniastrea retiformis*
192. *Leptoria irregularis*
193. *Leptoria phrygia*
194. *Leptastrea purpurea*
195. *Leptastrea transversa*
196. *Montastrea annuligera*
197. *Montastrea colemani*
198. *Montastrea curta*
199. *Montastrea valenciennesi*
200. *Oulophyllia bennettiae*
201. *Oulophyllia crispera*
202. *Oulophyllia levis*
203. *Oulastrea crispata*
204. *Platygyra acuta*
205. *Platygyra daedalea*
206. *Platygyra lamellina*
207. *Platygyra verweyi*
208. *Platygyra pini*
209. *Platygyra sinensis*
210. *Cycloseris costulata*
211. *Cycloseris cyclolites*
212. *Cycloseris hexagonalis*
213. *Cycloseris patelliformis*
214. *Cycloseris sinensis*
215. *Cycloseris somervillei*
216. *Ctenactis crassa*
217. *Ctenactis albitentaculata*

218. *Ctenactis echinata*
219. *Diaseris distorta*
220. *Fungia concinna*
221. *Fungia corona*
222. *Fungia danai*
223. *Fungia fralinae*
224. *Fungia fungites*
225. *Fungia granulosa*
226. *Fungia horrida*
227. *Fungia klunzingeri*
228. *Fungia moluccensis*
229. *Fungia paumotensis*
230. *Fungia repanda*
231. *Fungia scutaria*
232. *Fungia scruposa*
233. *Fungia scabra*
234. *Fungia seychellensis*
235. *Fungia taiwanensis*
236. *Halomitra pileus*
237. *Herpolitha limax*
238. *Herpolitha weberi*
239. *Lithophyllon lobata*
240. *Lithophyllon undulatum*
241. *Podabacia crustacea*
242. *Podabacia lanakensis*
243. *Polyphyllia talpina*
244. *Sandalolitha robusta*
245. *Hydnophora exesa*
246. *Hydnophora grandis*
247. *Hydnophora microconos*
248. *Hydnophora pilosa*
249. *Hydnophora rigida*
250. *Merulina ampliata*
251. *Merulina scabricula*
252. *Scapophyllia cylindrica*
253. *Acanthastrea echinata*
254. *Acanthastrea hemprichii*
255. *Acanthastrea hillae*
256. *Acanthastrea ishigakiensis*
257. *Cynarina lacrymalis*
258. *Lobophyllia corymbosa*
259. *Lobophyllia hemprichii*
260. *Lobophyllia robusta*
261. *Symphyllia agaricia*
262. *Symphyllia radians*
263. *Symphyllia recta*
264. *Symphyllia valenciennesii*



265. *Scolymia vitiensis*
266. *Mycetophyllia danaana*
267. *Australomussa rowleyensis*
268. *Galaxea acrhelia*
269. *Galaxea astreata*
270. *Galaxea fascicularis*
271. *Echinophyllia aspera*
272. *Echinophyllia echinata*
273. *Echinophyllia echinoporoides*
274. *Mycedium elephantotus*
275. *Mycedium robokaki*
276. *Oxypora lacera*
277. *Oxypora crassispinosa*
278. *Pectinia alcornis*
279. *Pectinia lactuca*
280. *Pectinia paeonia*
281. *Pectinia teres*
282. *Trachyphyllia geoffroyi*
283. *Alvopora catalai*
284. *Goniopora columna*
285. *Goniopora lobata*
286. *Goniopora minor*
287. *Goniopora norfolkensis*
288. *Goniopora pandoraenis*
289. *Goniopora planulata*
290. *Goniopora stokesi*
291. *Goniopora tenuidens*
292. *Porites annae*
293. *Porites arnaudi*
294. *Porites compressa*
295. *Porites cylindrica*
296. *Porites eridani*
297. *Porites evermanni*
298. *Porites harrisoni*
299. *Porites latistella*
300. *Porites lobata*
301. *Porites lutea*
302. *Porites monticulosa*
303. *Porites murrayensis*
304. *Porites myrmidoensis*
305. *Porites nigrescens*
306. *Porites rus*
307. *Porites solida*

308. *Porites vaughani*
309. *Pocillopora ankei*
310. *Pocillopora damicornis*
311. *Pocillopora danae*
312. *Pocillopora eydouxi*
313. *Pocillopora kelleheri*
314. *Pocillopora ligulata*
315. *Pocillopora meandrina*
316. *Pocillopora verrucosa*
317. *Seriatopora aculeata*
318. *Seriatopora hystrix*
319. *Seriatopora stellata*
320. *Seriatopora pistillata*
321. *Coscinaraea columna*
322. *Coscinaraea monile*
323. *Psammocora contigua*
324. *Psammocora digitata*
325. *Psammocora explanulata*
326. *Psammocora haimeana*
327. *Psammocora profundacella*
328. *Siderastrea savignyana*
329. *Tubipora musica*
330. *Cirripathes anguina*
331. *Cirripathes contorta*
332. *Antipathes elegans*
333. *Sticopathes solorensis*
334. *Cupressopathes gracilis*
335. *Myriopathus antrocrada*
336. *Antipathella subpinnata*
337. *Plumapathes pennacea*
338. *Dichotella gemmacea*
339. *Ellisella azilia*
340. *Ellisella cercidia*
341. *Ellisella eustala*
342. *Ellisella marisrubri*
343. *Ellisella nuctenea*
344. *Juncella delicata*
345. *Juncella eunicelloides*
346. *Juncella juncea*
347. *Viminella crassa*
348. *Viminella junceelloides*
349. *Nicella flabellata*
350. *Nicella laxa*

351. *Verrucella cerasina*
352. *Verrucella corona*
353. *Verrucella diadema*
354. *Verrucella gubalensis*
355. *Verrucella klunzingeri*
356. *Isis hippuris*
357. *Muricella paraplectana*
358. *Muricella ramosa*
359. *Acanthogorgia breviflora*
360. *Acanthogorgia spinosa*
361. *Anthogorgia ochracea*
362. *Rumphella aggregata*
363. *Rumphella torta*
364. *Hicksonella princeps*
365. *Menella indica*
366. *Menella kanisa*
367. *Menella kouare*
368. *Menella woodin*
369. *Bebryce sirene*
370. *Bebryce studeri*
371. *Echinogorgia flora*
372. *Echinogorgia toombo*
373. *Echinogorgia indica*
374. *Echinomuricea indomalaccensis*
375. *Euplexaura amerea*
376. *Euplexaura rhipidalis*
377. *Trimuricea caledonica*
378. *Villogorgia tenuis*
379. *Acabaria cinquemiglia*
380. *Acabaria ouvea*
381. *Melithaea caledonica*
382. *Melithaea ochracea*
383. *Mopsella rubeola*
384. *Wrightella braueri*
385. *Annella mollis*
386. *Annella reticulata*
387. *Subergorgia rubra*
388. *Subergorgia suberosa*

#### **PART I: MOLLUSCA**

##### **Sl. No. Scientific Name**

1. *Cassis cornuta*
2. *Charoniatritonis*

3. *Conus milneedwardsi*
4. *Cypraecassisrufa*
5. *Hippopushippopus*
6. *Nautilus pompilius*
7. *Tridacna maxima*
8. *Tridacna squamosa*
9. *Tudiclaspirillus*
10. *Turbo marmoratus*

#### PART J : HOLOTHURIANS

##### Sl. No. Scientific Name

1. *Actinopygaechinites*
2. *Actinopygalecanora*
3. *Actinopygamauritiana*
4. *Actinopygamiliaris*
5. *Bohadschia argus*
6. *Bohadschiagraeffei*
7. *Bohadschiamarmorata*
8. *Holothuria coluber*
9. *Holothuria (Acanthotrapez) pyxis*
10. *Holothuria (Halodeima) atra*
11. *Holothuria (Halodeima) edulis*
12. *Holothuria (Mertensiothuria) fuscocinerea*
13. *Holothuria (Mertensiothuria) leucospilota*
14. *Holothuria (Mertensiothuria) pervicax*
15. *Holothuria (Metriatyla) scabra*
16. *Holothuria (Microthele) nobilis*
17. *Holothuria (Semperothuria) cinerascens*
18. *Holothuria (Thymiosycia) arenicola*
19. *Holothuria (Thymiosycia) hilla*
20. *Holothuria (Thymiosycia) impatiens*
21. *Labidodemassemperianum*
22. *Stichopuschloronotus*
23. *Stichopushermanni*
24. *Stichopushorrens*
25. *Stichopus vastus*
26. *Thelenota ananas*
27. *Pseudocolochirus violaceus*
28. *Stolusbuccalis*
29. *Phyllophorus (Phyllophorella) parvepides*
30. *Euaptagodeffroyi*
31. *Synaptamaculata*
32. *Acaudinamolpadioides*

SCHEDULE II

(See sections 9, 11, 12, 38-I, 39, 44, 45, 46, 47, 48, 48A, 49, 50, 51, 54 and 57)

**PART A: MAMMALS**

| <b>Sl. No.</b> | <b>Common Name</b>                  | <b>Scientific Name</b>            |
|----------------|-------------------------------------|-----------------------------------|
| 1.             | Sambar                              | <i>Cervus unicolor</i>            |
| 2.             | Spotted Deer/Chital                 | <i>Axis axis</i>                  |
| 3.             | Striped Hyena                       | <i>Hyaena hyaena</i>              |
| 4.             | Bharal/Blue Sheep                   | <i>Pseudois nayaur</i>            |
| 5.             | Nilgai or Blue Bull                 | <i>Boselaphu tragocamelus</i>     |
| 6.             | Northern/Five-striped palm squirrel | <i>Funambulus pennantii</i>       |
| 7.             | Wild Pig                            | <i>Sus scrofa</i>                 |
| 8.             | Andaman Wild Pig                    | <i>Sus scrofa andamanensis</i>    |
| 9.             | Indian Hare                         | <i>Lepus nigricollis</i>          |
| 10.            | Desert Hare                         | <i>Lepus tibetanus</i>            |
| 11.            | Royle's Pika                        | <i>Ochotona roylei</i>            |
| 12.            | Indian Long-eared Hedgehog          | <i>Hemiechinus collaris</i>       |
| 13.            | Small Indian Mongoose               | <i>Herpestes auropunctatus</i>    |
| 14.            | Grey Mongoose                       | <i>Herpestes edwardsii</i>        |
| 15.            | Brown Mongoose                      | <i>Herpestes fuscus</i>           |
| 16.            | Javan Mongoose                      | <i>Herpestes javanicus</i>        |
| 17.            | Ruddy Mongoose                      | <i>Herpestes smithii</i>          |
| 18.            | Crab-eating Mongoose                | <i>Herpestes urva</i>             |
| 19.            | Stripe-necked Mongoose              | <i>Herpestes vitticollis</i>      |
| 20.            | Small-toothed Palm Civet            | <i>Arctogalidia trivirgata</i>    |
| 21.            | Masked Palm Civet                   | <i>Paguma larvata</i>             |
| 22.            | Asian Palm Civet                    | <i>Paradoxurus hermaphroditus</i> |
| 23.            | Jerdon's Palm Civet                 | <i>Paradoxurus jerdoni</i>        |
| 24.            | Large Indian Civet                  | <i>Viverrazibetha</i>             |
| 25.            | Small Indian Civet                  | <i>Viverricula indica</i>         |
| 26.            | Chinese/Small-toothed Ferret Badger | <i>Melogale moschata</i>          |
| 27.            | Burmese/Large toothed Ferret Badger | <i>Melogale personata</i>         |
| 28.            | Stone/Beech Marten                  | <i>Martes foina</i>               |
| 29.            | Himalayan Yellow-throated Marten    | <i>Martes flavigula</i>           |
| 30.            | Nilgiri Marten                      | <i>Martes gwatkinsii</i>          |
| 31.            | Ermineor Short-tailed Weasel        | <i>Mustela erminea</i>            |
| 32.            | Siberian Weasel                     | <i>Mustela sibirica</i>           |
| 33.            | Yellow-bellied Weasel               | <i>Mustela kathiah</i>            |
| 34.            | Mountain Weasel                     | <i>Mustela altaica</i>            |
| 35.            | Northern Plains Gray/Hanuman Langur | <i>Semnopithecus entellus</i>     |
| 36.            | Assamese Macaque                    | <i>Macaca assamensis</i>          |
| 37.            | Bonnet Macaque                      | <i>Macaca radiata</i>             |
| 38.            | Rhesus Macaque                      | <i>Macaca mulatta</i>             |
| 39.            | Indian/Bengal Fox                   | <i>Vulpes bengalensis</i>         |
| 40.            | Asiatic Jackal                      | <i>Canis aureus</i>               |
| 41.            | Jungle Cat                          | <i>Felis chaus</i>                |

**PART B : BIRDS**

| <b>Sl. No.</b> | <b>Common Name</b>               | <b>Scientific Name</b>               |
|----------------|----------------------------------|--------------------------------------|
| 1.             | House sparrow                    | <i>Passer domesticus</i>             |
| 2.             | Red Munia                        | <i>Amandava amandava</i>             |
| 3.             | Green Munia                      | <i>Amandavaformosa</i>               |
| 4.             | Indian Silverbill                | <i>Euodice malabarica</i>            |
| 5.             | White-rumped Munia               | <i>Lonchura striata</i>              |
| 6.             | Scaly-breasted Munia             | <i>Lonchurapunctulata</i>            |
| 7.             | Black-throated Munia             | <i>Lonchurakelaarti</i>              |
| 8.             | Tricoloured Munia                | <i>Lonchuramalacca</i>               |
| 9.             | Chestnut Munia                   | <i>Lonchura atricapilla</i>          |
| 10.            | Pied Avocet                      | <i>Recurvirostra avosetta</i>        |
| 11.            | Black-winged Stilt               | <i>Himantopus himantopus</i>         |
| 12.            | Rufous-throated Wren Babbler     | <i>Spelaeornis caudatus</i>          |
| 13.            | Mishmi Wren Babbler              | <i>Spelaeornis badeigularis</i>      |
| 14.            | Bar-winged Wren Babbler          | <i>Spelaeornis troglodytoides</i>    |
| 15.            | Naga Wren Babbler                | <i>Spelaeornis chocolatinus</i>      |
| 16.            | Chin Hills Wren Babbler          | <i>Spelaeornis oatesi</i>            |
| 17.            | Grey-bellied Wren Babbler        | <i>Spelaeornis reptatus</i>          |
| 18.            | Tawny-breasted Wren Babbler      | <i>Spelaeornis longicaudatus</i>     |
| 19.            | Red-billed Scimitar Babbler      | <i>Pomatorhinus ochraceiceps</i>     |
| 20.            | Coral-billed Scimitar Babbler    | <i>Pomatorhinus ferruginosus</i>     |
| 21.            | Slender-billed Scimitar Babbler  | <i>Pomatorhinus superciliosus</i>    |
| 22.            | Indian Scimitar Babbler          | <i>Pomatorhinus horsfieldii</i>      |
| 23.            | White-browed Scimitar Babbler    | <i>Pomatorhinus schisticeps</i>      |
| 24.            | Streak-breasted Scimitar Babbler | <i>Pomatorhinus ruficollis</i>       |
| 25.            | Large Scimitar Babbler           | <i>Erythrocyathus hypoleucos</i>     |
| 26.            | Rusty-cheeked Scimitar Babbler   | <i>Erythrocyathus erythrocyathus</i> |
| 27.            | Spot-breasted Scimitar Babbler   | <i>Erythrocyathus maclellandi</i>    |
| 28.            | Grey-throated Babbler            | <i>Stachyris nigriceps</i>           |
| 29.            | Sikkim Wedge-billed Babbler      | <i>Stachyris humei</i>               |
| 30.            | Cachar Wedge-billed Babbler      | <i>Stachyris roberti</i>             |
| 31.            | Snowy-throated Babbler           | <i>Stachyris oglei</i>               |
| 32.            | Tawny-bellied Babbler            | <i>Dumetia hyperythra</i>            |
| 33.            | Dark-fronted Babbler             | <i>Rhopocichla atriceps</i>          |
| 34.            | Chestnut-capped Babbler          | <i>Timaliapileata</i>                |
| 35.            | Pin-striped Tit Babbler          | <i>Mixornis gularis</i>              |
| 36.            | Golden Babbler                   | <i>Cyanoderma chrysaea</i>           |
| 37.            | Black-chinned Babbler            | <i>Cyanoderma pyrrhops</i>           |
| 38.            | Rufous-capped Babbler            | <i>Cyanoderma ruficeps</i>           |
| 39.            | Buff-chested Babbler             | <i>Cyanoderma ambiguum</i>           |
| 40.            | Great Barbet                     | <i>Psilopogon virens</i>             |
| 41.            | Brown-headed Barbet              | <i>Psilopogon zeylanicus</i>         |
| 42.            | Lineated Barbet                  | <i>Psilopogon lineatus</i>           |
| 43.            | White-cheeked Barbet             | <i>Psilopogon viridis</i>            |
| 44.            | Golden-throated Barbet           | <i>Psilopogon franklinii</i>         |
| 45.            | Blue-throated Barbet             | <i>Psilopogon asiaticus</i>          |
| 46.            | Blue-eared Barbet                | <i>Psilopogon duvaucelii</i>         |

|     |                           |                                       |
|-----|---------------------------|---------------------------------------|
| 47. | Malabar Barbet            | <i>Psilopogonmalabaricus</i>          |
| 48. | Coppersmith Barbet        | <i>Psilopogonhaemacephalus</i>        |
| 49. | Oriental Bay Owl          | <i>Phodilus badius</i>                |
| 50. | Sri Lanka Bay Owl         | <i>Phodilus assimilis</i>             |
| 51. | Eastern Grass Owl         | <i>Tyto longimembris</i>              |
| 52. | Andaman Barn Owl          | <i>Tyto deroepstorffi</i>             |
| 53. | Common Barn Owl           | <i>Tyto alba</i>                      |
| 54. | Eurasian Bittern          | <i>Botaurus stellaris</i>             |
| 55. | Little Bittern            | <i>Ixobrychus minutus</i>             |
| 56. | Yellow Bittern            | <i>Ixobrychus sinensis</i>            |
| 57. | Cinnamon Bittern          | <i>Ixobrychuscinnamomeus</i>          |
| 58. | Black Bittern             | <i>Ixobrychus flavicollis</i>         |
| 59. | Malayan Night Heron       | <i>Gorsachius melanolophus</i>        |
| 60. | Black-crowned Night Heron | <i>Nycticorax nycticorax</i>          |
| 61. | Striated Heron            | <i>Butorides striata</i>              |
| 62. | Indian Pond Heron         | <i>Ardeolagradyi</i>                  |
| 63. | Chinese Pond Heron        | <i>Ardeolabacchus</i>                 |
| 64. | Cattle Egret              | <i>Bubulcus ibis</i>                  |
| 65. | Grey Heron                | <i>Ardea cinerea</i>                  |
| 66. | Goliath Heron             | <i>Ardea goliath</i>                  |
| 67. | Purple Heron              | <i>Ardea purpurea</i>                 |
| 68. | Great Egret               | <i>Ardea alba</i>                     |
| 69. | Intermediate Egret        | <i>Ardea intermedia</i>               |
| 70. | Little Egret              | <i>Egretta garzetta</i>               |
| 71. | Western Reef Egret        | <i>Egretta alba</i>                   |
| 72. | Pacific Reef Egret        | <i>Egretta sacra</i>                  |
| 73. | Chinese Egret             | <i>Egretta alba</i>                   |
| 74. | Brown Noddy               | <i>Anous stolidus</i>                 |
| 75. | Lesser Noddy              | <i>Anous tenuirostris</i>             |
| 76. | Black Noddy               | <i>Anous minutus</i>                  |
| 77. | White Tern                | <i>Gygis alba</i>                     |
| 78. | Indian Skimmer            | <i>Rynchops albicollis</i>            |
| 79. | Black-legged Kittiwake    | <i>Rissa tridactyla</i>               |
| 80. | Sabine's Gull             | <i>Xema sabini</i>                    |
| 81. | Slender-billed Gull       | <i>Chroicocephalus genei</i>          |
| 82. | Brown-headed Gull         | <i>Chroicocephalus brunnicephalus</i> |
| 83. | Black-headed Gull         | <i>Chroicocephalus ridibundus</i>     |
| 84. | Little Gull               | <i>Hydrocoloeus minutus</i>           |
| 85. | Franklin's Gull           | <i>Leucophaeus pipixcan</i>           |
| 86. | White-eyed Gull           | <i>Ichthyaeetus leucophthalmus</i>    |
| 87. | Sooty Gull                | <i>Ichthyaeetus hemprichii</i>        |
| 88. | Pallas's Gull             | <i>Ichthyaeetus ichthyaeetus</i>      |
| 89. | Mew Gull                  | <i>Larus canus</i>                    |
| 90. | Lesser Black-backed Gull  | <i>Larus fuscus</i>                   |
| 91. | Caspian Gull              | <i>Larus cachinnans</i>               |
| 92. | Mongolian Gull            | <i>Larus smithsonianus mongolicus</i> |
| 93. | Sooty Tern                | <i>Onychoprion fuscatus</i>           |
| 94. | Bridled Tern              | <i>Onychoprion anaethetus</i>         |
| 95. | Little Tern               | <i>Sternula albifrons</i>             |

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| 96.  | Saunders's Tern        | <i>Sternulasaundersi</i>           |
| 97.  | Gull-billed Tern       | <i>Gelochelidonnilotica</i>        |
| 98.  | Caspian Tern           | <i>Hydroprogne caspia</i>          |
| 99.  | Whiskered Tern         | <i>Chlidoniashybrida</i>           |
| 100. | White-winged Tern      | <i>Chlidoniasleucopterus</i>       |
| 101. | Black Tern             | <i>Chlidonias niger</i>            |
| 102. | River Tern             | <i>Sterna aurantia</i>             |
| 103. | Roseate Tern           | <i>Sterna dougallii</i>            |
| 104. | Black-naped Tern       | <i>Sterna sumatrana</i>            |
| 105. | Common Tern            | <i>Sterna hirundo</i>              |
| 106. | White-cheeked Tern     | <i>Sterna repressa</i>             |
| 107. | Arctic Tern            | <i>Sterna paradisaea</i>           |
| 108. | Black-bellied Tern     | <i>Sterna acuticauda</i>           |
| 109. | Lesser Crested Tern    | <i>Thalasseus bengalensis</i>      |
| 110. | Sandwich Tern          | <i>Thalasseussandvicensis</i>      |
| 111. | Greater Crested Tern   | <i>Thalasseusbergii</i>            |
| 112. | White-throated Bulbul  | <i>Alophoixusflaveolus</i>         |
| 113. | Olive Bulbul           | <i>Ioleviridescens</i>             |
| 114. | Ashy Bulbul            | <i>Hemixosflavala</i>              |
| 115. | Nicobar Bulbul         | <i>Ixosnicobariensis</i>           |
| 116. | Mountain Bulbul        | <i>Ixosmcclellandii</i>            |
| 117. | Square-tailed Bulbul   | <i>Hypsipetesganeesa</i>           |
| 118. | Black Bulbul           | <i>Hypsipetes leucocephalus</i>    |
| 119. | Crested Finchbill      | <i>Spizixoscanifrons</i>           |
| 120. | Striated Bulbul        | <i>Pycnonotusstriatus</i>          |
| 121. | Flame-throated Bulbul  | <i>Pycnonotusgularis</i>           |
| 122. | Black-crested Bulbul   | <i>Pycnonotusflaviventris</i>      |
| 123. | Red-whiskered Bulbul   | <i>Pycnonotusjocosus</i>           |
| 124. | Himalayan Bulbul       | <i>Pycnonotusleucogenis</i>        |
| 125. | White-eared Bulbul     | <i>Pycnonotusleucotis</i>          |
| 126. | Red-vented Bulbul      | <i>Pycnonotuscafer</i>             |
| 127. | Yellow-throated Bulbul | <i>Pycnonotusxantholaemus</i>      |
| 128. | Flavescent Bulbul      | <i>Pycnonotusflavescens</i>        |
| 129. | White-browed Bulbul    | <i>Pycnonotusluteolus</i>          |
| 130. | Black-headed Bulbul    | <i>Brachypodiusatriceps</i>        |
| 131. | Andaman Bulbul         | <i>Brachypodiusfuscoflavescens</i> |
| 132. | Grey-headed Bulbul     | <i>Brachypodiuspriocephalus</i>    |
| 133. | Yellow-browed Bulbul   | <i>Acritillas indica</i>           |
| 134. | Crested Bunting        | <i>Emberizalathami</i>             |
| 135. | Black-headed Bunting   | <i>Emberizamelanocephala</i>       |
| 136. | Red-headed Bunting     | <i>Emberizabrunciceps</i>          |
| 137. | Chestnut-eared Bunting | <i>Emberizafucata</i>              |
| 138. | Rock Bunting           | <i>Emberizacia</i>                 |
| 139. | Godlewski's Bunting    | <i>Emberizagodlewskii</i>          |
| 140. | Grey-necked Bunting    | <i>Emberizabuchanani</i>           |
| 141. | Ortolan Bunting        | <i>Emberizahortulana</i>           |
| 142. | White-capped Bunting   | <i>Emberizastewarti</i>            |
| 143. | Yellowhammer           | <i>Emberizacitrinella</i>          |



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| 144. | Pine Bunting              | <i>Emberizaleucocephalos</i>        |
| 145. | Striolated Bunting        | <i>Emberizastriolata</i>            |
| 146. | Eurasian Reed Bunting     | <i>Emberizaschoeniclus</i>          |
| 147. | Yellow-breasted Bunting   | <i>Emberiza aureola</i>             |
| 148. | Black-faced Bunting       | <i>Emberizaspedocephala</i>         |
| 149. | Chestnut Bunting          | <i>Emberizarutila</i>               |
| 150. | Yellow-browed Bunting     | <i>Emberizachrysophrys</i>          |
| 151. | Tristram's Bunting        | <i>Emberizatristrami</i>            |
| 152. | Little Bunting            | <i>Emberizapusilla</i>              |
| 153. | Little Bustard            | <i>Tetraxtetrax</i>                 |
| 154. | Macqueen's Bustard        | <i>Chlamydotismacqueenii</i>        |
| 155. | Small Buttonquail         | <i>Turnixsylvaticus</i>             |
| 156. | Yellow-legged Buttonquail | <i>Turnixtanki</i>                  |
| 157. | Barred Buttonquail        | <i>Turnixsuscitator</i>             |
| 158. | Golden-fronted Leafbird   | <i>Chloropsisaurifrons</i>          |
| 159. | Jerdon's Leafbird         | <i>Chloropsisjerdoni</i>            |
| 160. | Orange-bellied Leafbird   | <i>Chloropsishardwickii</i>         |
| 161. | Blue-winged Leafbird      | <i>Chloropsiscochinchinensis</i>    |
| 162. | Andaman Crake             | <i>Rallinacanningi</i>              |
| 163. | Slaty-legged Crake        | <i>Rallinaeurizonoides</i>          |
| 164. | Western Water Rail        | <i>Rallus aquaticus</i>             |
| 165. | Eastern Water Rail        | <i>Rallus indicus</i>               |
| 166. | Slaty-breasted Rail       | <i>Lewinia striata</i>              |
| 167. | Corncrake                 | <i>Crex crex</i>                    |
| 168. | Spotted Crake             | <i>Porzana porzana</i>              |
| 169. | Ruddy-breasted Crake      | <i>Zapornia fusca</i>               |
| 170. | Brown Crake               | <i>Zapornia akool</i>               |
| 171. | Little Crake              | <i>Zapornia parva</i>               |
| 172. | Baillon's Crake           | <i>Zaporniapusilla</i>              |
| 173. | Black-tailed Crake        | <i>Zapornia bicolor</i>             |
| 174. | White-breasted Waterhen   | <i>Amauornis phoenicurus</i>        |
| 175. | White-browed Crake        | <i>Amauornis cinerea</i>            |
| 176. | Watercock                 | <i>Gallicrex cinerea</i>            |
| 177. | Purple Swampphen          | <i>Porphyrioporphyrus</i>           |
| 178. | Common Moorhen            | <i>Gallinula chloropus</i>          |
| 179. | Common Coot               | <i>Fulica atra</i>                  |
| 180. | Little Cormorant          | <i>Microcarboniger</i>              |
| 181. | Great Cormorant           | <i>Phalacrocorax carbo</i>          |
| 182. | Indian Cormorant          | <i>Phalacrocorax fuscicollis</i>    |
| 183. | Greater Coucal            | <i>Centropus sinensis</i>           |
| 184. | Andaman Coucal            | <i>Centropus andamanensis</i>       |
| 185. | Lesser Coucal             | <i>Centropus bengalensis</i>        |
| 186. | Sirkeer Malkoha           | <i>Taccoualeschenaultii</i>         |
| 187. | Blue-faced Malkoha        | <i>Phaenicophaeus viridirostris</i> |
| 188. | Green-billed Malkoha      | <i>Phaenicophaeus tristis</i>       |
| 189. | Pied Cuckoo               | <i>Clamator jacobinus</i>           |
| 190. | Chestnut-winged Cuckoo    | <i>Clamator coromandus</i>          |
| 191. | Asian Koel                | <i>Eudynamis scolopaceus</i>        |

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| 192. | Asian Emerald Cuckoo        | <i>Chrysococcyx maculatus</i>    |
| 193. | Violet Cuckoo               | <i>Chrysococcyxanthorhynchus</i> |
| 194. | Banded Bay Cuckoo           | <i>Cacomantis sonneratii</i>     |
| 195. | Plaintive Cuckoo            | <i>Cacomantismerulinus</i>       |
| 196. | Grey-bellied Cuckoo         | <i>Cacomantispasserinus</i>      |
| 197. | Fork-tailed Drongo Cuckoo   | <i>Surniculusdicruroides</i>     |
| 198. | Square-tailed Drongo Cuckoo | <i>Surniculuslugubris</i>        |
| 199. | Large Hawk Cuckoo           | <i>Hierococcyxsparverioides</i>  |
| 200. | Common Hawk Cuckoo          | <i>Hierococcyxvarius</i>         |
| 201. | Whistling Hawk Cuckoo       | <i>Hierococcyxnisicolor</i>      |
| 202. | Indian Cuckoo               | <i>Cuculusmicropterus</i>        |
| 203. | Common Cuckoo               | <i>Cuculuscanorus</i>            |
| 204. | Himalayan Cuckoo            | <i>Cuculussaturatus</i>          |
| 205. | Lesser Cuckoo               | <i>Cuculuspoliocephalus</i>      |
| 206. | Whimbrel                    | <i>Numenius phaeopus</i>         |
| 207. | Eurasian Curlew             | <i>Numenius arquata</i>          |
| 208. | Bar-tailed Godwit           | <i>Limosalapponica</i>           |
| 209. | Black-tailed Godwit         | <i>Limosalimosa</i>              |
| 210. | Ruddy Turnstone             | <i>Arenaria interpres</i>        |
| 211. | Great Knot                  | <i>Calidris tenuirostris</i>     |
| 212. | Red Knot                    | <i>Calidris canutus</i>          |
| 213. | Ruff                        | <i>Calidris pugnax</i>           |
| 214. | Broad-billed Sandpiper      | <i>Calidris falcinellus</i>      |
| 215. | Sharp-tailed Sandpiper      | <i>Calidris acuminata</i>        |
| 216. | Curlew Sandpiper            | <i>Calidris ferruginea</i>       |
| 217. | Temminck's Stint            | <i>Calidris temminckii</i>       |
| 218. | Long-toed Stint             | <i>Calidris subminuta</i>        |
| 219. | Spoon-billed Sandpiper      | <i>Calidris pygmaea</i>          |
| 220. | Red-necked Stint            | <i>Calidris ruficollis</i>       |
| 221. | Sanderling                  | <i>Calidris alba</i>             |
| 222. | Dunlin                      | <i>Calidris alpina</i>           |
| 223. | Little Stint                | <i>Calidris minuta</i>           |
| 224. | Buff-breasted Sandpiper     | <i>Calidris subruficollis</i>    |
| 225. | Pectoral Sandpiper          | <i>Calidris melanotos</i>        |
| 226. | Asian Dowitcher             | <i>Limnodromussemipalmatus</i>   |
| 227. | Long-billed Dowitcher       | <i>Limnodromuscolopaceus</i>     |
| 228. | Eurasian Woodcock           | <i>Scolopaxrusticola</i>         |
| 229. | Solitary Snipe              | <i>Gallinago solitaria</i>       |
| 230. | Wood Snipe                  | <i>Gallinagonemorica</i>         |
| 231. | Pintail Snipe               | <i>Gallinagostenura</i>          |
| 232. | Swinhoe's Snipe             | <i>Gallinagomegala</i>           |
| 233. | Great Snipe                 | <i>Gallinago media</i>           |
| 234. | Common Snipe                | <i>Gallinagogallinago</i>        |
| 235. | Jack Snipe                  | <i>Lymnocyptes minimus</i>       |
| 236. | Terek Sandpiper             | <i>Xenus cinereus</i>            |
| 237. | Common Sandpiper            | <i>Actitishypoleucos</i>         |
| 238. | Green Sandpiper             | <i>Tringaochropus</i>            |

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| 239. | Grey-tailed Tattler          | <i>Tringabrevipes</i>            |
| 240. | Spotted Redshank             | <i>Tringaerythropus</i>          |
| 241. | Common Greenshank            | <i>Tringanebularia</i>           |
| 242. | Common Redshank              | <i>Tringatotanus</i>             |
| 243. | Wood Sandpiper               | <i>Tringaglareola</i>            |
| 244. | Marsh Sandpiper              | <i>Tringastagnatilis</i>         |
| 245. | Red-necked Phalarope         | <i>Phalaropuslobatus</i>         |
| 246. | Red Phalarope                | <i>Phalaropusfulicarius</i>      |
| 247. | Oriental Darter              | <i>Anhinga melanogaster</i>      |
| 248. | Rock Pigeon                  | <i>Columba livia</i>             |
| 249. | Hill Pigeon                  | <i>Columba rupestris</i>         |
| 250. | Snow Pigeon                  | <i>Columba leuconota</i>         |
| 251. | Yellow-eyed Pigeon           | <i>Columba eversmanni</i>        |
| 252. | Common Wood Pigeon           | <i>Columba palumbus</i>          |
| 253. | Speckled Wood Pigeon         | <i>Columba hodgsonii</i>         |
| 254. | Ashy Wood Pigeon             | <i>Columba pulchricollis</i>     |
| 255. | Nilgiri Wood Pigeon          | <i>Columba elphinstonii</i>      |
| 256. | Pale-capped Pigeon           | <i>Columba punicea</i>           |
| 257. | Andaman Wood Pigeon          | <i>Columba palumboides</i>       |
| 258. | European Turtle Dove         | <i>Streptopeliaturtur</i>        |
| 259. | Oriental Turtle Dove         | <i>Streptopeliaorientalis</i>    |
| 260. | Eurasian Collared Dove       | <i>Streptopeliadecaocto</i>      |
| 261. | Red Collared Dove            | <i>Streptopeliatranquebarica</i> |
| 262. | Spotted Dove                 | <i>Streptopelia chinensis</i>    |
| 263. | Laughing Dove                | <i>Streptopelia senegalensis</i> |
| 264. | Barred Cuckoo Dove           | <i>Macropygiaunchall</i>         |
| 265. | Andaman Cuckoo Dove          | <i>Macropygiarufipennis</i>      |
| 266. | Orange-breasted Green Pigeon | <i>Treronbicinctus</i>           |
| 267. | Ashy-headed Green Pigeon     | <i>Treronphayrei</i>             |
| 268. | Grey-fronted Green Pigeon    | <i>Treronaffinis</i>             |
| 269. | Andaman Green Pigeon         | <i>Treronchloropterus</i>        |
| 270. | Thick-billed Green Pigeon    | <i>Treroncurvirostra</i>         |
| 271. | Yellow-legged Green Pigeon   | <i>Treronphoenicopterus</i>      |
| 272. | Pin-tailed Green Pigeon      | <i>Treronapicauda</i>            |
| 273. | Wedge-tailed Green Pigeon    | <i>Treronsphenurus</i>           |
| 274. | Asian Emerald Dove           | <i>Chalcophaps indica</i>        |
| 275. | Namaqua Dove                 | <i>Oena capensis</i>             |
| 276. | Green Imperial Pigeon        | <i>Duculaaenea</i>               |
| 277. | Mountain Imperial Pigeon     | <i>Duculabadia</i>               |
| 278. | Pied Imperial Pigeon         | <i>Duculabicolor</i>             |
| 279. | Black Drongo                 | <i>Dicrurusmacrocerus</i>        |
| 280. | Ashy Drongo                  | <i>Dicrurusleucophaeus</i>       |
| 281. | White-bellied Drongo         | <i>Dicruruscaerulescens</i>      |
| 282. | Crow-billed Drongo           | <i>Dicrurusannectens</i>         |
| 283. | Bronzed Drongo               | <i>Dicrurus aeneus</i>           |
| 284. | Lesser Racket-tailed Drongo  | <i>Dicrurusremifer</i>           |
| 285. | Hair-crested Drongo          | <i>Dicrurushottentottus</i>      |

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| 286. | Andaman Drongo               | <i>Dicrurusandamanensis</i>        |
| 287. | Greater Racket-tailed Drongo | <i>Dicrurusparadiseus</i>          |
| 288. | White-headed Duck            | <i>Oxyuraleucocephala</i>          |
| 289. | Mute Swan                    | <i>Cygnus olor</i>                 |
| 290. | Tundra Swan                  | <i>Cygnus columbianus</i>          |
| 291. | Whooper Swan                 | <i>Cygnus cygnus</i>               |
| 292. | Red-breasted Goose           | <i>Branta ruficollis</i>           |
| 293. | Bar-headed Goose             | <i>Anser indicus</i>               |
| 294. | Greylag Goose                | <i>Anseranser</i>                  |
| 295. | Bean Goose                   | <i>Anserfabalis</i>                |
| 296. | Greater White-fronted Goose  | <i>Anseralbifrons</i>              |
| 297. | Lesser White-fronted Goose   | <i>Ansererythropus</i>             |
| 298. | Long-tailed Duck             | <i>Clangula hyemalis</i>           |
| 299. | Common Goldeneye             | <i>Bucephala clangula</i>          |
| 300. | Smew                         | <i>Mergellus albellus</i>          |
| 301. | Common Merganser             | <i>Mergus merganser</i>            |
| 302. | Red-breasted Merganser       | <i>Mergus serrator</i>             |
| 303. | Common Shelduck              | <i>Tadornatadorna</i>              |
| 304. | Ruddy Shelduck               | <i>Tadornaferruginea</i>           |
| 305. | Marbled Teal                 | <i>Marmaronetta angustirostris</i> |
| 306. | Red-crested Pochard          | <i>Nettarufina</i>                 |
| 307. | Common Pochard               | <i>Aythya ferina</i>               |
| 308. | Baer's Pochard               | <i>Aythya baeri</i>                |
| 309. | Ferruginous Duck             | <i>Aythya nyroca</i>               |
| 310. | Tufted Duck                  | <i>Aythya fuligula</i>             |
| 311. | Greater Scaup                | <i>Aythya marila</i>               |
| 312. | Garganey                     | <i>Spatula querquedula</i>         |
| 313. | Northern Shoveler            | <i>Spatula clypeata</i>            |
| 314. | Baikal Teal                  | <i>Sibirionetta formosa</i>        |
| 315. | Falcated Duck                | <i>Mareca falcata</i>              |
| 316. | Gadwall                      | <i>Mareca strepera</i>             |
| 317. | Eurasian Wigeon              | <i>Marecapenelope</i>              |
| 318. | Chinese Spot-billed Duck     | <i>Anas zonorhyncha</i>            |
| 319. | Indian Spot-billed Duck      | <i>Anas poecilorhyncha</i>         |
| 320. | Mallard                      | <i>Anas platyrhynchos</i>          |
| 321. | Andaman Teal                 | <i>Anas albogularis</i>            |
| 322. | Northern Pintail             | <i>Anas acuta</i>                  |
| 323. | Common Teal                  | <i>Anas crecca</i>                 |
| 324. | Comb Duck                    | <i>Sarkidiornis melanotos</i>      |
| 325. | Mandarin Duck                | <i>Aix galericulata</i>            |
| 326. | Cotton Teal                  | <i>Nettapuscoromandelianus</i>     |
| 327. | Asian Fairy Bluebird         | <i>Irena puella</i>                |
| 328. | Collared Falconet            | <i>Microhieraxcaerulescens</i>     |
| 329. | Pied Falconet                | <i>Microhieraxmelanoleucos</i>     |
| 330. | Lesser Kestrel               | <i>Falco naumanni</i>              |

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| 331. | Common Kestrel                   | <i>Falco tinnunculus</i>             |
| 332. | Red-necked Falcon                | <i>Falco chicquera</i>               |
| 333. | Red-footed Falcon                | <i>Falco vespertinus</i>             |
| 334. | Amur Falcon                      | <i>Falco amurensis</i>               |
| 335. | Merlin                           | <i>Falco columbarius</i>             |
| 336. | Eurasian Hobby                   | <i>Falco subbuteo</i>                |
| 337. | Oriental Hobby                   | <i>Falco severus</i>                 |
| 338. | Common Chaffinch                 | <i>Fringilla coelebs</i>             |
| 339. | Brambling                        | <i>Fringilla montifringilla</i>      |
| 340. | Black-and-yellow Grosbeak        | <i>Mycerobasicterioides</i>          |
| 341. | Collared Grosbeak                | <i>Mycerobasaffinis</i>              |
| 342. | Spot-winged Grosbeak             | <i>Mycerobasmelanozanthos</i>        |
| 343. | White-winged Grosbeak            | <i>Mycerobascarnipes</i>             |
| 344. | Hawfinch                         | <i>Coccothraustes coccothraustes</i> |
| 345. | Common Rosefinch                 | <i>Carpodacus erythrinus</i>         |
| 346. | Scarlet Finch                    | <i>Carpodacus sipahi</i>             |
| 347. | Sillem's Rosefinch               | <i>Carpodacus sillemi</i>            |
| 348. | Streaked Rosefinch               | <i>Carpodacus rubicilloides</i>      |
| 349. | Great Rosefinch                  | <i>Carpodacus rubicilla</i>          |
| 350. | Red-fronted Rosefinch            | <i>Carpodacus puniceus</i>           |
| 351. | Crimson-browed Finch             | <i>Carpodacus subhimachalus</i>      |
| 352. | Himalayan White-browed Rosefinch | <i>Carpodacus thura</i>              |
| 353. | Chinese White-browed Rosefinch   | <i>Carpodacus dubius</i>             |
| 354. | Blyth's Rosefinch                | <i>Carpodacus grandis</i>            |
| 355. | Himalayan Beautiful Rosefinch    | <i>Carpodacus pulcherrimus</i>       |
| 356. | Pink-rumped Rosefinch            | <i>Carpodacus waltoni</i>            |
| 357. | Dark-rumped Rosefinch            | <i>Carpodacus edwardsii</i>          |
| 358. | Pink-browed Rosefinch            | <i>Carpodacus rodochroa</i>          |
| 359. | Spot-winged Rosefinch            | <i>Carpodacus rodopeplus</i>         |
| 360. | Vinaceous Rosefinch              | <i>Carpodacus vinaceus</i>           |
| 361. | Brown Bullfinch                  | <i>Pyrrhula nipalensis</i>           |
| 362. | Orange Bullfinch                 | <i>Pyrrhula aurantiaca</i>           |
| 363. | Red-headed Bullfinch             | <i>Pyrrhula erythrocephala</i>       |
| 364. | Grey-headed Bullfinch            | <i>Pyrrhula erythaca</i>             |
| 365. | Trumpeter Finch                  | <i>Bucanetesgithagineus</i>          |
| 366. | Mongolian Finch                  | <i>Bucanetesmongolicus</i>           |
| 367. | Blanford's Rosefinch             | <i>Agraphospizarubescens</i>         |
| 368. | Spectacled Finch                 | <i>Callacanthisburtoni</i>           |
| 369. | Gold-naped Finch                 | <i>Pyrrhoptecteseпаuletta</i>        |
| 370. | Dark-breasted Rosefinch          | <i>Procarduelisnipalensis</i>        |
| 371. | Plain Mountain Finch             | <i>Leucosticte nemoricola</i>        |
| 372. | Brandt's Mountain Finch          | <i>Leucosticte brandti</i>           |
| 373. | Yellow-breasted Greenfinch       | <i>Chloris spinoides</i>             |
| 374. | Black-headed Greenfinch          | <i>Chloris ambigua</i>               |
| 375. | Twite                            | <i>Linaria flavirostris</i>          |

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| 376. | Common Linnet                 | <i>Linaria cannabina</i>       |
| 377. | Red Crossbill                 | <i>Loxiacurvirostra</i>        |
| 378. | European Goldfinch            | <i>Carduelis carduelis</i>     |
| 379. | Fire-fronted Serin            | <i>Serinus pusillus</i>        |
| 380. | Tibetan Siskin                | <i>Spinus thibetanus</i>       |
| 381. | Greater Flamingo              | <i>Phoenicopterus roseus</i>   |
| 382. | Yellow-bellied Flowerpecker   | <i>Dicaeum melanozanthum</i>   |
| 383. | Yellow-vented Flowerpecker    | <i>Dicaeum chrysorrheum</i>    |
| 384. | Thick-billed Flowerpecker     | <i>Dicaeum agile</i>           |
| 385. | Pale-billed Flowerpecker      | <i>Dicaeum erythrorhynchos</i> |
| 386. | Nilgiri Flowerpecker          | <i>Dicaeum concolor</i>        |
| 387. | Plain Flowerpecker            | <i>Dicaeum minullum</i>        |
| 388. | Scarlet-backed Flowerpecker   | <i>Dicaeum cruentatum</i>      |
| 389. | Fire-breasted Flowerpecker    | <i>Dicaeum ignipectus</i>      |
| 390. | Rufous-tailed Scrub Robin     | <i>Cercotrichas galactotes</i> |
| 391. | Indian Robin                  | <i>Saxicoloides fulicatus</i>  |
| 392. | Oriental Magpie Robin         | <i>Copsychus saularis</i>      |
| 393. | White-rumped Shama            | <i>Kittacincla malabarica</i>  |
| 394. | Andaman Shama                 | <i>Kittacincla albiventris</i> |
| 395. | Spotted Flycatcher            | <i>Muscicapa striata</i>       |
| 396. | Dark-sided Flycatcher         | <i>Muscicapasibirica</i>       |
| 397. | Asian Brown Flycatcher        | <i>Muscicapadauaurica</i>      |
| 398. | Brown-breasted Flycatcher     | <i>Muscicapamuttui</i>         |
| 399. | Ferruginous Flycatcher        | <i>Muscicapaferruginea</i>     |
| 400. | Nilgiri Sholakili             | <i>Sholicola major</i>         |
| 401. | White-bellied Sholakili       | <i>Sholicola albiventris</i>   |
| 402. | Pale Blue Flycatcher          | <i>Cyornis unicolor</i>        |
| 403. | White-bellied Blue Flycatcher | <i>Cyornis pallidipes</i>      |
| 404. | Pale-chinned Flycatcher       | <i>Cyornis poliogenys</i>      |
| 405. | Large Blue Flycatcher         | <i>Cyornis magnirostris</i>    |
| 406. | Hill Blue Flycatcher          | <i>Cyornis banyumas</i>        |
| 407. | Tickell's Blue Flycatcher     | <i>Cyornis tickelliae</i>      |
| 408. | Blue-throated Flycatcher      | <i>Cyornis rubeculoides</i>    |
| 409. | White-tailed Blue Flycatcher  | <i>Cyornis concretus</i>       |
| 410. | Nicobar Jungle Flycatcher     | <i>Cyornis nicobaricus</i>     |
| 411. | White-gorgeted Flycatcher     | <i>Anthipes monileger</i>      |
| 412. | Rufous-bellied Niltava        | <i>Niltava sundara</i>         |
| 413. | Vivid Niltava                 | <i>Niltava vivida</i>          |
| 414. | Large Niltava                 | <i>Niltava grandis</i>         |
| 415. | Small Niltava                 | <i>Niltava macgrigoriae</i>    |
| 416. | Blue-and-white Flycatcher     | <i>Cyanoptilacyanomelana</i>   |
| 417. | Verditer Flycatcher           | <i>Eumyias thalassinus</i>     |
| 418. | Nilgiri Flycatcher            | <i>Eumyias albicaudatus</i>    |
| 419. | White-browed Shortwing        | <i>Brachypteryx montana</i>    |
| 420. | Lesser Shortwing              | <i>Brachypteryx leucophris</i> |

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| 421. | Rusty-bellied Shortwing     | <i>Brachypteryxhyperythra</i>     |
| 422. | Gould's Shortwing           | <i>Heteroxenicusstellatus</i>     |
| 423. | Indian Blue Robin           | <i>Larvivorabrunnea</i>           |
| 424. | Siberian Blue Robin         | <i>Larvivoracyane</i>             |
| 425. | Bluethroat                  | <i>Luscinia svecica</i>           |
| 426. | Hodgson's Blue Robin        | <i>Luscinia phaenicuroides</i>    |
| 427. | Little Forktail             | <i>Enicurusscouleri</i>           |
| 428. | Black-backed Forktail       | <i>Enicurusimmaculatus</i>        |
| 429. | Slaty-backed Forktail       | <i>Enicurusshistaceus</i>         |
| 430. | White-crowned Forktail      | <i>Enicurusleschenaulti</i>       |
| 431. | Spotted Forktail            | <i>Enicurus maculatus</i>         |
| 432. | Blue-fronted Robin          | <i>Cinclidiumfrontale</i>         |
| 433. | Malabar Whistling Thrush    | <i>Myophonushorsfieldii</i>       |
| 434. | Blue Whistling Thrush       | <i>Myophonus caeruleus</i>        |
| 435. | Firethroat                  | <i>Calliope pectardens</i>        |
| 436. | Himalayan Rubythroat        | <i>Calliope pectoralis</i>        |
| 437. | Chinese Rubythroat          | <i>Calliope tschebaiewi</i>       |
| 438. | Siberian Rubythroat         | <i>Calliope calliope</i>          |
| 439. | White-tailed Robin          | <i>Myiomelaleucura</i>            |
| 440. | White-browed Bush Robin     | <i>Tarsiger indicus</i>           |
| 441. | Golden Bush Robin           | <i>Tarsigerchrysaeus</i>          |
| 442. | Red-flanked Bush Robin      | <i>Tarsigercyanurus</i>           |
| 443. | Himalayan Bush Robin        | <i>Tarsigerrufilatus</i>          |
| 444. | Rufous-breasted Bush Robin  | <i>Tarsigerhyperythrus</i>        |
| 445. | Rusty-tailed Flycatcher     | <i>Ficedularuficauda</i>          |
| 446. | Kashmir Flycatcher          | <i>Ficedulasubrubra</i>           |
| 447. | Red-breasted Flycatcher     | <i>Ficedula parva</i>             |
| 448. | Taiga Flycatcher            | <i>Ficedula albicilla</i>         |
| 449. | Snowy-browed Flycatcher     | <i>Ficedulahyperythra</i>         |
| 450. | Rufous-gorgeted Flycatcher  | <i>Ficedulastrophiata</i>         |
| 451. | Ultramarine Flycatcher      | <i>Ficedulasuperciliaris</i>      |
| 452. | Little Pied Flycatcher      | <i>Ficedulawestermanni</i>        |
| 453. | Mugimaki Flycatcher         | <i>Ficedulamugimaki</i>           |
| 454. | Yellow-rumped Flycatcher    | <i>Ficedulazanthopygia</i>        |
| 455. | Slaty-blue Flycatcher       | <i>Ficedula tricolor</i>          |
| 456. | Black-and-orange Flycatcher | <i>Ficedulanigrorufa</i>          |
| 457. | Pygmy Blue Flycatcher       | <i>Ficedulahodgsoni</i>           |
| 458. | Slaty-backed Flycatcher     | <i>Ficedulasordida</i>            |
| 459. | Sapphire Flycatcher         | <i>Ficedulasapphira</i>           |
| 460. | Eversmann's Redstart        | <i>Phoenicuruserythronotus</i>    |
| 461. | Blue-fronted Redstart       | <i>Phoenicurus frontalis</i>      |
| 462. | Blue-capped Redstart        | <i>Phoenicuruscoeruleocephala</i> |
| 463. | White-throated Redstart     | <i>Phoenicurusshisticeps</i>      |
| 464. | White-capped Water Redstart | <i>Phoenicurus leucocephalus</i>  |
| 465. | Plumbeous Water Redstart    | <i>Phoenicurusfuliginosus</i>     |



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| 466. | Black Redstart               | <i>Phoenicurusochruros</i>        |
| 467. | Common Redstart              | <i>Phoenicurusphoenicurus</i>     |
| 468. | Daurian Redstart             | <i>Phoenicurusauroreus</i>        |
| 469. | White-winged Redstart        | <i>Phoenicuruserythrogastrus</i>  |
| 470. | Hodgson's Redstart           | <i>Phoenicurushodgsoni</i>        |
| 471. | Blue-capped Rock Thrush      | <i>Monticolacinclorhyncha</i>     |
| 472. | Chestnut-bellied Rock Thrush | <i>Monticolarufiventris</i>       |
| 473. | Rufous-tailed Rock Thrush    | <i>Monticola saxatilis</i>        |
| 474. | Blue Rock Thrush             | <i>Monticola solitarius</i>       |
| 475. | Stoliczka's Bushchat         | <i>Saxicola macrorhynchus</i>     |
| 476. | Hodgson's Bushchat           | <i>Saxicola insignis</i>          |
| 477. | Siberian Stonechat           | <i>Saxicola maurus</i>            |
| 478. | White-tailed Stonechat       | <i>Saxicola leucurus</i>          |
| 479. | Pied Bushchat                | <i>Saxicola caprata</i>           |
| 480. | Jerdon's Bushchat            | <i>Saxicola jerdoni</i>           |
| 481. | Grey Bushchat                | <i>Saxicola ferreus</i>           |
| 482. | Northern Wheatear            | <i>Oenanthe oenanthe</i>          |
| 483. | Isabelline Wheatear          | <i>Oenanthe isabellina</i>        |
| 484. | Desert Wheatear              | <i>Oenanthe deserti</i>           |
| 485. | Pied Wheatear                | <i>Oenanthe pleschanka</i>        |
| 486. | Brown Rock Chat              | <i>Oenanthe fusca</i>             |
| 487. | Variable Wheatear            | <i>Oenanthe picata</i>            |
| 488. | Hume's Wheatear              | <i>Oenanthe albonigra</i>         |
| 489. | Red-tailed Wheatear          | <i>Oenanthe chrysopygia</i>       |
| 490. | Little Grebe                 | <i>Tachybaptus ruficollis</i>     |
| 491. | Red-necked Grebe             | <i>Podiceps grisegena</i>         |
| 492. | Great Crested Grebe          | <i>Podiceps cristatus</i>         |
| 493. | Horned Grebe                 | <i>Podiceps auritus</i>           |
| 494. | Black-headed Ibis            | <i>Threskiornismelanocephalus</i> |
| 495. | Indian Black Ibis            | <i>Pseudibispapillosa</i>         |
| 496. | Glossy Ibis                  | <i>Plegadisfalcinellus</i>        |
| 497. | Common Iora                  | <i>Aegithina tiphia</i>           |
| 498. | Marshall's Iora              | <i>Aegithinanigrolutea</i>        |
| 499. | Rufous Treepie               | <i>Dendrocittavagabunda</i>       |
| 500. | Grey Treepie                 | <i>Dendrocitta formosae</i>       |
| 501. | White-bellied Treepie        | <i>Dendrocittaleucogastra</i>     |
| 502. | Collared Treepie             | <i>Dendrocitta frontalis</i>      |
| 503. | Andaman Treepie              | <i>Dendrocittabaileii</i>         |
| 504. | Red-billed Chough            | <i>Pyrrhocoraxpyrrhocorax</i>     |
| 505. | Yellow-billed Chough         | <i>Pyrrhocoraxgraculus</i>        |
| 506. | Yellow-billed Blue Magpie    | <i>Urocissaflavirostris</i>       |
| 507. | Red-billed Blue Magpie       | <i>Urocissaerythroryncha</i>      |
| 508. | Common Green Magpie          | <i>Cissa chinensis</i>            |
| 509. | Eurasian Jay                 | <i>Garrulus glandarius</i>        |



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| 510. | Black-headed Jay                 | <i>Garrulus lanceolatus</i>     |
| 511. | Eurasian Magpie                  | <i>Pica pica</i>                |
| 512. | Spotted Nutcracker               | <i>Nucifragacaryocatactes</i>   |
| 513. | Large-spotted Nutcracker         | <i>Nucifragamultipunctata</i>   |
| 514. | Eurasian Jackdaw                 | <i>Corvus monedula</i>          |
| 515. | Rook                             | <i>Corvus frugilegus</i>        |
| 516. | Common Raven                     | <i>Corvus corax</i>             |
| 517. | Carrion Crow                     | <i>Corvus corone</i>            |
| 518. | Pheasant-tailed Jacana           | <i>Hydrophasianuschirurgus</i>  |
| 519. | Bronze-winged Jacana             | <i>Metopidius indicus</i>       |
| 520. | Common Hill Partridge            | <i>Arborophilatorqueola</i>     |
| 521. | Rufous-throated Hill Partridge   | <i>Arborophilarufogularis</i>   |
| 522. | White-cheeked Hill Partridge     | <i>Arborophilaatrogularis</i>   |
| 523. | Chestnut-breasted Hill Partridge | <i>Arborophilamandellii</i>     |
| 524. | Common Quail                     | <i>Coturnix coturnix</i>        |
| 525. | Rain Quail                       | <i>Coturnix coromandelica</i>   |
| 526. | Blue-breasted Quail              | <i>Synoicus chinensis</i>       |
| 527. | Himalayan Snowcock               | <i>Tetraogallushimalayensis</i> |
| 528. | Chukar Partridge                 | <i>Alectoris chukar</i>         |
| 529. | Snow Partridge                   | <i>Lerwalerwa</i>               |
| 530. | Jungle Bush Quail                | <i>Perdicula asiatica</i>       |
| 531. | Rock Bush Quail                  | <i>Perdiculaargoondah</i>       |
| 532. | Painted Bush Quail               | <i>Perdiculaerythrorhyncha</i>  |
| 533. | Manipur Bush Quail               | <i>Perdiculamanipurensis</i>    |
| 534. | Black Francolin                  | <i>Francolinusfrancolinus</i>   |
| 535. | Painted Francolin                | <i>Francolinus pictus</i>       |
| 536. | Chinese Francolin                | <i>Francolinuspintadeanus</i>   |
| 537. | Grey Francolin                   | <i>Francolinuspondicerianus</i> |
| 538. | Swamp Francolin                  | <i>Francolinusgularis</i>       |
| 539. | Tibetan Partridge                | <i>Perdix hodgsoniae</i>        |
| 540. | Red Spurfowl                     | <i>Galloperdix spadicea</i>     |
| 541. | Painted Spurfowl                 | <i>Galloperdixlunulata</i>      |
| 542. | Koklass Pheasant                 | <i>Pucrasiamacrolopha</i>       |
| 543. | Greater Hoopoe Lark              | <i>Alaemonalaudipes</i>         |
| 544. | Rufous-tailed Lark               | <i>Ammomanesphoenicura</i>      |
| 545. | Desert Lark                      | <i>Ammomanesdeserti</i>         |
| 546. | Black-crowned Sparrow Lark       | <i>Eremopterixnigriceps</i>     |
| 547. | Ashy-crowned Sparrow Lark        | <i>Eremopterix griseus</i>      |
| 548. | Singing Bushlark                 | <i>Mirafraacantillans</i>       |
| 549. | Bengal Bushlark                  | <i>Mirafraassamica</i>          |
| 550. | Indian Bushlark                  | <i>Mirafraerythroptera</i>      |
| 551. | Jerdon's Bushlark                | <i>Mirafraaffinis</i>           |
| 552. | Lesser Short-toed Lark           | <i>Alaudalarufescens</i>        |
| 553. | Sand Lark                        | <i>Alaudala raytal</i>          |
| 554. | Bimaculated Lark                 | <i>Melanocoryphabimaculata</i>  |
| 555. | Tibetan Lark                     | <i>Melanocorypha maxima</i>     |
| 556. | Hume's Short-toed Lark           | <i>Calandrellaacutirostris</i>  |
| 557. | Greater Short-toed Lark          | <i>Calandrellabrachydactyla</i> |
| 558. | Sykes's Short-toed Lark          | <i>Calandrelladukhunensis</i>   |
| 559. | Horned Lark                      | <i>Eremophila alpestris</i>     |
| 560. | Eurasian Skylark                 | <i>Alauda arvensis</i>          |
| 561. | Oriental Skylark                 | <i>Alauda gulgula</i>           |
| 562. | Crested Lark                     | <i>Galerida cristata</i>        |
| 563. | Malabar Lark                     | <i>Galeridamalabarica</i>       |
| 564. | Sykes's Lark                     | <i>Galerida deva</i>            |

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| 565. | Grey-headed Parakeet      | <i>Psittacula finschii</i>        |
| 566. | Slaty-headed Parakeet     | <i>Psittacula himalayana</i>      |
| 567. | Blossom-headed Parakeet   | <i>Psittacularoseata</i>          |
| 568. | Plum-headed Parakeet      | <i>Psittaculacyanocephala</i>     |
| 569. | Lord Derby's Parakeet     | <i>Psittaculaderbiana</i>         |
| 570. | Long-tailed Parakeet      | <i>Psittaculalongicauda</i>       |
| 571. | Malabar Parakeet          | <i>Psittaculacolumboides</i>      |
| 572. | Alexandrine Parakeet      | <i>Psittacula eupatria</i>        |
| 573. | Rose-ringed Parakeet      | <i>Psittaculakrameri</i>          |
| 574. | Nicobar Parakeet          | <i>Psittaculacaniceps</i>         |
| 575. | Vernal Hanging Parrot     | <i>Loriculus vernalis</i>         |
| 576. | Nicobar Megapode          | <i>Megapodius nicobariensis</i>   |
| 577. | White-bellied Minivet     | <i>Pericrocotus erythropygius</i> |
| 578. | Small Minivet             | <i>Pericrocotus cinnamomeus</i>   |
| 579. | Grey-chinned Minivet      | <i>Pericrocotus solaris</i>       |
| 580. | Short-billed Minivet      | <i>Pericrocotus brevirostris</i>  |
| 581. | Long-tailed Minivet       | <i>Pericrocotus ethologus</i>     |
| 582. | Scarlet Minivet           | <i>Pericrocotus flammeus</i>      |
| 583. | Ashy Minivet              | <i>Pericrocotus divaricatus</i>   |
| 584. | Swinhoe's Minivet         | <i>Pericrocotus cantonensis</i>   |
| 585. | Rosy Minivet              | <i>Pericrocotus roseus</i>        |
| 586. | Large Cuckooshrike        | <i>Coracinajavensis</i>           |
| 587. | Andaman Cuckooshrike      | <i>Coracinadobsoni</i>            |
| 588. | Pied Triller              | <i>Lalage nigra</i>               |
| 589. | Black-winged Cuckooshrike | <i>Lalage melaschistos</i>        |
| 590. | Black-headed Cuckooshrike | <i>Lalage melanoptera</i>         |
| 591. | Common Starling           | <i>Sturnus vulgaris</i>           |
| 592. | Rosy Starling             | <i>Pastor roseus</i>              |
| 593. | Purple-backed Starling    | <i>Agropsar sturninus</i>         |
| 594. | Chestnut-cheeked Starling | <i>Agropsar philippensis</i>      |
| 595. | Asian Pied Starling       | <i>Gracupica contra</i>           |
| 596. | Brahminy Starling         | <i>Sturniapagodarum</i>           |
| 597. | Chestnut-tailed Starling  | <i>Sturniamalabarica</i>          |
| 598. | White-headed Starling     | <i>Sturnia erythropygia</i>       |
| 599. | White-cheeked Starling    | <i>Spodiopsar cineraceus</i>      |
| 600. | Common Myna               | <i>Acridotheres tristis</i>       |
| 601. | Bank Myna                 | <i>Acridotheres ginginianus</i>   |
| 602. | Jungle Myna               | <i>Acridotheres fuscus</i>        |
| 603. | Collared Myna             | <i>Acridotheres albocinctus</i>   |
| 604. | Great Myna                | <i>Acridotheres grandis</i>       |
| 605. | Spot-winged Starling      | <i>Saroglossaspilopterus</i>      |
| 606. | Southern Hill Myna        | <i>Gracula indica</i>             |
| 607. | Golden-crested Myna       | <i>Ampeliceps coronatus</i>       |
| 608. | Asian Glossy Starling     | <i>Aplonis panayensis</i>         |
| 609. | Great Eared Nightjar      | <i>Lyncornis macrotis</i>         |
| 610. | Grey Nightjar             | <i>Caprimulgus jotaka</i>         |
| 611. | Jungle Nightjar           | <i>Caprimulgus indicus</i>        |
| 612. | European Nightjar         | <i>Caprimulgus europaeus</i>      |
| 613. | Sykes's Nightjar          | <i>Caprimulgus mahrattensis</i>   |
| 614. | Jerdon's Nightjar         | <i>Caprimulgus atripennis</i>     |
| 615. | Large-tailed Nightjar     | <i>Caprimulgus macrurus</i>       |
| 616. | Andaman Nightjar          | <i>Caprimulgus andamanicus</i>    |
| 617. | Indian Nightjar           | <i>Caprimulgus asiaticus</i>      |
| 618. | Savanna Nightjar          | <i>Caprimulgus affinis</i>        |
| 619. | Maroon Oriole             | <i>Oriolustrailii</i>             |

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| 620. | Black-hooded Oriole     | <i>Oriolusxanthornus</i>         |
| 621. | Eurasian Golden Oriole  | <i>Oriolusoriolus</i>            |
| 622. | Indian Golden Oriole    | <i>Orioluskundoo</i>             |
| 623. | Black-naped Oriole      | <i>Oriolus chinensis</i>         |
| 624. | Slender-billed Oriole   | <i>Oriolustenuirostris</i>       |
| 625. | Brown Hawk Owl          | <i>Ninoxscutulata</i>            |
| 626. | Hume's Hawk Owl         | <i>Ninox obscura</i>             |
| 627. | Andaman Hawk Owl        | <i>Ninoxaffinis</i>              |
| 628. | Collared Owlet          | <i>Glaucidium brodiei</i>        |
| 629. | Asian Barred Owlet      | <i>Glaucidium cuculoides</i>     |
| 630. | Jungle Owlet            | <i>Glaucidium radiatum</i>       |
| 631. | Spotted Owlet           | <i>Athene brama</i>              |
| 632. | Little Owl              | <i>Athene noctua</i>             |
| 633. | Boreal Owl              | <i>Aegoliusfunereus</i>          |
| 634. | Andaman Scops Owl       | <i>Otus balli</i>                |
| 635. | Mountain Scops Owl      | <i>Otus spilocephalus</i>        |
| 636. | Eurasian Scops Owl      | <i>Otus scops</i>                |
| 637. | Pallid Scops Owl        | <i>Otus brucei</i>               |
| 638. | Oriental Scops Owl      | <i>Otus sunia</i>                |
| 639. | Nicobar Scops Owl       | <i>Otus alius</i>                |
| 640. | Indian Scops Owl        | <i>Otus bakkamoena</i>           |
| 641. | Collared Scops Owl      | <i>Otus lettia</i>               |
| 642. | Northern Long-eared Owl | <i>Asiootus</i>                  |
| 643. | Short-eared Owl         | <i>Asioflammeus</i>              |
| 644. | Mottled Wood Owl        | <i>Strix ocellata</i>            |
| 645. | Brown Wood Owl          | <i>Strixleptogrammica</i>        |
| 646. | Tawny Owl               | <i>Strixaluco</i>                |
| 647. | Himalayan Owl           | <i>Strixnivicolum</i>            |
| 648. | Eurasian Eagle Owl      | <i>Bubo bubo</i>                 |
| 649. | Indian Eagle Owl        | <i>Bubo bengalensis</i>          |
| 650. | Spot-bellied Eagle Owl  | <i>Bubo nipalensis</i>           |
| 651. | Dusky Eagle Owl         | <i>Bubo coromandus</i>           |
| 652. | Brown Fish Owl          | <i>Ketupazeylonensis</i>         |
| 653. | Tawny Fish Owl          | <i>Ketupaflavipes</i>            |
| 654. | Buffy Fish Owl          | <i>Ketupaketupu</i>              |
| 655. | Eurasian Oystercatcher  | <i>Haematopusostralegus</i>      |
| 656. | Great White Pelican     | <i>Pelecanusonocrotalus</i>      |
| 657. | Spot-billed Pelican     | <i>Pelecanusphilippensis</i>     |
| 658. | Dalmatian Pelican       | <i>Pelecanus crispus</i>         |
| 659. | Rock Pigeon             | <i>Columba livia</i>             |
| 660. | Hill Pigeon             | <i>Columba rupestris</i>         |
| 661. | Snow Pigeon             | <i>Columba leuconota</i>         |
| 662. | Yellow-eyed Pigeon      | <i>Columba eversmanni</i>        |
| 663. | Common Wood Pigeon      | <i>Columba palumbus</i>          |
| 664. | Speckled Wood Pigeon    | <i>Columba hodgsonii</i>         |
| 665. | Ashy Wood Pigeon        | <i>Columba pulchricollis</i>     |
| 666. | Nilgiri Wood Pigeon     | <i>Columba elphinstonii</i>      |
| 667. | Pale-capped Pigeon      | <i>Columba punicea</i>           |
| 668. | Andaman Wood Pigeon     | <i>Columba palumboides</i>       |
| 669. | European Turtle Dove    | <i>Streptopeliaturtur</i>        |
| 670. | Oriental Turtle Dove    | <i>Streptopeliaorientalis</i>    |
| 671. | Eurasian Collared Dove  | <i>Streptopeliadecaocto</i>      |
| 672. | Red Collared Dove       | <i>Streptopeliatranquebarica</i> |
| 673. | Spotted Dove            | <i>Streptopelia chinensis</i>    |
| 674. | Laughing Dove           | <i>Streptopelia senegalensis</i> |

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|------|------------------------------|---------------------------------|
| 675. | Barred Cuckoo Dove           | <i>Macropygiaaunchall</i>       |
| 676. | Andaman Cuckoo Dove          | <i>Macropygiarufipennis</i>     |
| 677. | Orange-breasted Green Pigeon | <i>Treronbicinctus</i>          |
| 678. | Ashy-headed Green Pigeon     | <i>Treronphayrei</i>            |
| 679. | Grey-fronted Green Pigeon    | <i>Treronaffinis</i>            |
| 680. | Andaman Green Pigeon         | <i>Treronchloropterus</i>       |
| 681. | Thick-billed Green Pigeon    | <i>Treroncurvirostra</i>        |
| 682. | Yellow-legged Green Pigeon   | <i>Treronphoenicopterus</i>     |
| 683. | Pin-tailed Green Pigeon      | <i>Treronapicauda</i>           |
| 684. | Wedge-tailed Green Pigeon    | <i>Treronsphenurus</i>          |
| 685. | Nicobar Pigeon               | <i>Caloenasnicobarica</i>       |
| 686. | Asian Emerald Dove           | <i>Chalcophaps indica</i>       |
| 687. | Namaqua Dove                 | <i>Oena capensis</i>            |
| 688. | Green Imperial Pigeon        | <i>Duculaaenea</i>              |
| 689. | Mountain Imperial Pigeon     | <i>Duculabadia</i>              |
| 690. | Pied Imperial Pigeon         | <i>Duculabicolor</i>            |
| 691. | Forest Wagtail               | <i>Dendronanthus indicus</i>    |
| 692. | Tree Pipit                   | <i>Anthustrivialis</i>          |
| 693. | Olive-backed Pipit           | <i>Anthushodgsoni</i>           |
| 694. | Red-throated Pipit           | <i>Anthuscervinus</i>           |
| 695. | Rosy Pipit                   | <i>Anthusroseatus</i>           |
| 696. | Buff-bellied Pipit           | <i>Anthusrubescens</i>          |
| 697. | Water Pipit                  | <i>Anthusspinoletta</i>         |
| 698. | Upland Pipit                 | <i>Anthussylvanus</i>           |
| 699. | Nilgiri Pipit                | <i>Anthusnilghiriensis</i>      |
| 700. | Richard's Pipit              | <i>Anthusrichardi</i>           |
| 701. | Paddyfield Pipit             | <i>Anthusrufulus</i>            |
| 702. | Blyth's Pipit                | <i>Anthusgodlewskii</i>         |
| 703. | Tawny Pipit                  | <i>Anthus campestris</i>        |
| 704. | Long-billed Pipit            | <i>Anthussimilis</i>            |
| 705. | Western Yellow Wagtail       | <i>Motacilla flava</i>          |
| 706. | Grey Wagtail                 | <i>Motacilla cinerea</i>        |
| 707. | Citrine Wagtail              | <i>Motacillacitreola</i>        |
| 708. | Eastern Yellow Wagtail       | <i>Motacillatschutschensis</i>  |
| 709. | White-browed Wagtail         | <i>Motacillamaderaspatensis</i> |
| 710. | White Wagtail                | <i>Motacilla alba</i>           |
| 711. | Blue-naped Pitta             | <i>Hydrornisnipalensis</i>      |
| 712. | Blue Pitta                   | <i>Hydrornis cyaneus</i>        |
| 713. | Indian Pitta                 | <i>Pittabrachyura</i>           |
| 714. | Blue-winged Pitta            | <i>Pittamoluccensis</i>         |
| 715. | Mangrove Pitta               | <i>Pittamegarhyncha</i>         |
| 716. | Hooded Pitta                 | <i>Pittasordida</i>             |
| 717. | Grey Plover                  | <i>Pluvialissquatarola</i>      |
| 718. | Eurasian Golden Plover       | <i>Pluvialisapricaria</i>       |
| 719. | Pacific Golden Plover        | <i>Pluvialis fulva</i>          |
| 720. | Common Ringed Plover         | <i>Charadrius hiaticula</i>     |
| 721. | Long-billed Plover           | <i>Charadrius placidus</i>      |
| 722. | Little Ringed Plover         | <i>Charadrius dubius</i>        |
| 723. | Kentish Plover               | <i>Charadrius alexandrinus</i>  |
| 724. | Lesser Sand Plover           | <i>Charadrius mongolus</i>      |
| 725. | Greater Sand Plover          | <i>Charadrius leschenaultii</i> |
| 726. | Caspian Plover               | <i>Charadrius asiaticus</i>     |
| 727. | Oriental Plover              | <i>Charadrius veredus</i>       |
| 728. | Northern Lapwing             | <i>Vanellusvanellus</i>         |
| 729. | River Lapwing                | <i>Vanellusduvaucelii</i>       |

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|------|-----------------------------|---------------------------------|
| 730. | Yellow-wattled Lapwing      | <i>Vanellus malabaricus</i>     |
| 731. | Grey-headed Lapwing         | <i>Vanellus cinereus</i>        |
| 732. | Red-wattled Lapwing         | <i>Vanellus indicus</i>         |
| 733. | Sociable Lapwing            | <i>Vanellus gregarius</i>       |
| 734. | White-tailed Lapwing        | <i>Vanellus leucurus</i>        |
| 735. | Indian Roller               | <i>Coracias benghalensis</i>    |
| 736. | European Roller             | <i>Coracias garrulus</i>        |
| 737. | Dollarbird                  | <i>Eurystomus orientalis</i>    |
| 738. | Tibetan Sandgrouse          | <i>Syrrhaptes tibetanus</i>     |
| 739. | Pallas's Sandgrouse         | <i>Syrrhaptes paradoxus</i>     |
| 740. | Pin-tailed Sandgrouse       | <i>Pterocles alchata</i>        |
| 741. | Chestnut-bellied Sandgrouse | <i>Pterocles exustus</i>        |
| 742. | Spotted Sandgrouse          | <i>Pterocles senegallus</i>     |
| 743. | Black-bellied Sandgrouse    | <i>Pterocles orientalis</i>     |
| 744. | Painted Sandgrouse          | <i>Pterocles indicus</i>        |
| 745. | Whimbrel                    | <i>Numenius phaeopus</i>        |
| 746. | Eurasian Curlew             | <i>Numenius arquata</i>         |
| 747. | Bar-tailed Godwit           | <i>Limosa lapponica</i>         |
| 748. | Black-tailed Godwit         | <i>Limosa limosa</i>            |
| 749. | Ruddy Turnstone             | <i>Arenaria interpres</i>       |
| 750. | Great Knot                  | <i>Calidris tenuirostris</i>    |
| 751. | Red Knot                    | <i>Calidris canutus</i>         |
| 752. | Ruff                        | <i>Calidris pugnax</i>          |
| 753. | Broad-billed Sandpiper      | <i>Calidris falcinellus</i>     |
| 754. | Sharp-tailed Sandpiper      | <i>Calidris acuminata</i>       |
| 755. | Curlew Sandpiper            | <i>Calidris ferruginea</i>      |
| 756. | Temminck's Stint            | <i>Calidris temminckii</i>      |
| 757. | Long-toed Stint             | <i>Calidris subminuta</i>       |
| 758. | Spoon-billed Sandpiper      | <i>Calidris pygmaea</i>         |
| 759. | Red-necked Stint            | <i>Calidris ruficollis</i>      |
| 760. | Sanderling                  | <i>Calidris alba</i>            |
| 761. | Dunlin                      | <i>Calidris alpina</i>          |
| 762. | Little Stint                | <i>Calidris minuta</i>          |
| 763. | Buff-breasted Sandpiper     | <i>Calidris subruficollis</i>   |
| 764. | Pectoral Sandpiper          | <i>Calidris melanotos</i>       |
| 765. | Asian Dowitcher             | <i>Limnodromus semipalmatus</i> |
| 766. | Long-billed Dowitcher       | <i>Limnodromus scolopaceus</i>  |
| 767. | Eurasian Woodcock           | <i>Scolopax rusticola</i>       |
| 768. | Solitary Snipe              | <i>Gallinago solitaria</i>      |
| 769. | Wood Snipe                  | <i>Gallinago nemoricola</i>     |
| 770. | Pintail Snipe               | <i>Gallinago stenura</i>        |
| 771. | Swinhoe's Snipe             | <i>Gallinago megala</i>         |
| 772. | Great Snipe                 | <i>Gallinago media</i>          |
| 773. | Common Snipe                | <i>Gallinago gallinago</i>      |
| 774. | Jack Snipe                  | <i>Lymnocyptes minimus</i>      |
| 775. | Terek Sandpiper             | <i>Xenus cinereus</i>           |
| 776. | Common Sandpiper            | <i>Actitis hypoleucos</i>       |
| 777. | Green Sandpiper             | <i>Tringa ochropus</i>          |
| 778. | Grey-tailed Tattler         | <i>Tringa brevipes</i>          |
| 779. | Spotted Redshank            | <i>Tringa erythropus</i>        |
| 780. | Common Greenshank           | <i>Tringa nebularia</i>         |
| 781. | Common Redshank             | <i>Tringa totanus</i>           |
| 782. | Wood Sandpiper              | <i>Tringa glareola</i>          |
| 783. | Marsh Sandpiper             | <i>Tringa stagnatilis</i>       |
| 784. | Red-necked Phalarope        | <i>Phalaropus lobatus</i>       |

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| 785. | Red Phalarope            | <i>Phalaropus fulicarius</i>      |
| 786. | Indian Thick-knee        | <i>Burhinus indicus</i>           |
| 787. | Great Thick-knee         | <i>Esacusrecurvirostris</i>       |
| 788. | Beach Thick-knee         | <i>Esacusmagnirostris</i>         |
| 789. | Greater Adjutant         | <i>Leptoptilosdubius</i>          |
| 790. | Lesser Adjutant          | <i>Leptoptilosjavanicus</i>       |
| 791. | Painted Stork            | <i>Mycteria leucocephala</i>      |
| 792. | Asian Openbill           | <i>Anastomusoscitans</i>          |
| 793. | Black Stork              | <i>Ciconia nigra</i>              |
| 794. | Woolly-necked Stork      | <i>Ciconia episcopus</i>          |
| 795. | European White Stork     | <i>Ciconia ciconia</i>            |
| 796. | Black-necked Stork       | <i>Ephippiorhynchus asiaticus</i> |
| 797. | Little Spiderhunter      | <i>Arachnotheralongirostra</i>    |
| 798. | Streaked Spiderhunter    | <i>Arachnothera magna</i>         |
| 799. | Ruby-cheeked Sunbird     | <i>Chalcopariasingalensis</i>     |
| 800. | Purple-rumped Sunbird    | <i>Leptocomazeylonica</i>         |
| 801. | Crimson-backed Sunbird   | <i>Leptocoma minima</i>           |
| 802. | Van Hasselt's Sunbird    | <i>Leptocomabrasiliana</i>        |
| 803. | Purple Sunbird           | <i>Cinnyris asiaticus</i>         |
| 804. | Olive-backed Sunbird     | <i>Cinnyris jugularis</i>         |
| 805. | Loten's Sunbird          | <i>Cinnyrislotenius</i>           |
| 806. | Fire-tailed Sunbird      | <i>Aethopygaignicauda</i>         |
| 807. | Black-throated Sunbird   | <i>Aethopygasaturata</i>          |
| 808. | Green-tailed Sunbird     | <i>Aethopyganipalensis</i>        |
| 809. | Mrs Gould's Sunbird      | <i>Aethopygagouldiae</i>          |
| 810. | Vigors's Sunbird         | <i>Aethopygavigorsii</i>          |
| 811. | Crimson Sunbird          | <i>Aethopygasiparaja</i>          |
| 812. | Grandala                 | <i>Grandalacoelicolor</i>         |
| 813. | Long-tailed Thrush       | <i>Zootheradixoni</i>             |
| 814. | Alpine Thrush            | <i>Zootheramollissima</i>         |
| 815. | Himalayan Forest Thrush  | <i>Zootherasalimalii</i>          |
| 816. | Dark-sided Thrush        | <i>Zootheramarginata</i>          |
| 817. | Long-billed Thrush       | <i>Zootheramonticola</i>          |
| 818. | Scaly Thrush             | <i>Zootheradauma</i>              |
| 819. | Purple Cochoa            | <i>Cochoa purpurea</i>            |
| 820. | Green Cochoa             | <i>Cochoaviridis</i>              |
| 821. | Siberian Thrush          | <i>Geokichlasibirica</i>          |
| 822. | Pied Thrush              | <i>Geokichlawardii</i>            |
| 823. | Orange-headed Thrush     | <i>Geokichlacitrina</i>           |
| 824. | Chinese Thrush           | <i>Otocichlamupinensis</i>        |
| 825. | Mistle Thrush            | <i>Turdus viscivorus</i>          |
| 826. | Song Thrush              | <i>Turdus philomelos</i>          |
| 827. | Grey-winged Blackbird    | <i>Turdus bouboul</i>             |
| 828. | Indian Blackbird         | <i>Turdus simillimus</i>          |
| 829. | Black-breasted Thrush    | <i>Turdus dissimilis</i>          |
| 830. | Tickell's Thrush         | <i>Turdus unicolor</i>            |
| 831. | Eyebrowed Thrush         | <i>Turdus obscurus</i>            |
| 832. | Grey-sided Thrush        | <i>Turdus feae</i>                |
| 833. | Kessler's Thrush         | <i>Turdus kessleri</i>            |
| 834. | Tibetan Blackbird        | <i>Turdus maximus</i>             |
| 835. | Fieldfare                | <i>Turdus pilaris</i>             |
| 836. | White-collared Blackbird | <i>Turdus albocinctus</i>         |
| 837. | Chestnut Thrush          | <i>Turdus rubrocanus</i>          |
| 838. | Dusky Thrush             | <i>Turdus eunomus</i>             |
| 839. | Black-throated Thrush    | <i>Turdus atrogularis</i>         |



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| 840. | Red-throated Thrush   | <i>Turdus ruficollis</i>         |
| 841. | Fire-capped Tit       | <i>Cephalopyrus flammiceps</i>   |
| 842. | Yellow-browed Tit     | <i>Sylviparus modestus</i>       |
| 843. | Sultan Tit            | <i>Melanochlora sultanea</i>     |
| 844. | Coal Tit              | <i>Periparus ater</i>            |
| 845. | Rufous-naped Tit      | <i>Periparus rufonuchalis</i>    |
| 846. | Rufous-vented Tit     | <i>Periparus rubidiventris</i>   |
| 847. | Grey-crested Tit      | <i>Lophophanes dichrous</i>      |
| 848. | Azure Tit             | <i>Cyanistes cyaneus</i>         |
| 849. | Ground Tit            | <i>Pseudopodoces humilis</i>     |
| 850. | Green-backed Tit      | <i>Parus monticolus</i>          |
| 851. | Cinereous Tit         | <i>Parus cinereus</i>            |
| 852. | White-naped Tit       | <i>Machlolophus nuchalis</i>     |
| 853. | Black-lored Tit       | <i>Machlolophus xanthogenys</i>  |
| 854. | Yellow-cheeked Tit    | <i>Machlolophus pilonotus</i>    |
| 855. | Malabar Trogon        | <i>Harpactes fasciatus</i>       |
| 856. | Red-headed Trogon     | <i>Harpactes erythrocephalus</i> |
| 857. | Ward's Trogon         | <i>Harpactes wardi</i>           |
| 858. | Indian Swiftlet       | <i>Collocalia unicolor</i>       |
| 859. | Edible-nest Swiftlet  | <i>Collocalia fuciphaga</i>      |
| 860. | Black-breasted Weaver | <i>Ploceus benghalensis</i>      |
| 861. | Streaked Weaver       | <i>Ploceus manyar</i>            |
| 862. | Baya Weaver           | <i>Ploceus philippinus</i>       |
| 863. | Finn's Weaver         | <i>Ploceus megarhynchus</i>      |
| 864. | Oriental White-eye    | <i>Zosterops alpebrosus</i>      |

#### PART C : REPTILES

| S. No. | Common Name                | Scientific Name                  |
|--------|----------------------------|----------------------------------|
| 1.     | Indian Golden Gecko        | <i>Calodactylodes aureus</i>     |
| 2.     | Indian Soft-shell Turtle   | <i>Lissemys punctata</i>         |
| 3.     | Indian Tent Turtle         | <i>Kachuga tecta</i>             |
| 4.     | Indian Egg-eating Snake    | <i>Elachistodon westermanni</i>  |
| 5.     | Red Sand Boa               | <i>Eryx johnii</i>               |
| 6.     | Checkered Keelback         | <i>Xenochrophis piscator</i>     |
| 7.     | Dhaman or Rat Snake        | <i>Ptyas mucosa</i>              |
| 8.     | Dog faced Water Snake      | <i>Cerberus rynchops</i>         |
| 9.     | Olive Keelback Water Snake | <i>Atretium schistosum</i>       |
| 10.    | Indian Rock Python         | <i>Python molurus molurus</i>    |
| 11.    | Burmese Python             | <i>Python molurus bivittatus</i> |
| 12.    | Reticulated Python         | <i>Malayapython reticulatus</i>  |

#### PART D : AMPHIBIANS

| S. No. | Common Name                            | Scientific Name                 |
|--------|--|---------------------------------|
| 1.     | Asian bullfrog/Indian bullfrog         | <i>Hoplobatrachus tigerinus</i> |
| 2.     | Jerdon's/South Indian bullfrog         | <i>Hoplobatrachus crassus</i>   |
| 3.     | Indian Green/Indian Five-fingered Frog | <i>Euphlyctis hexadactylus</i>  |

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|----|-------------------|--------------------------------|
| 4. | Kemp's tree toad  | <i>Pedostibes kemp</i>         |
| 5. | Malabar tree toad | <i>Pedostibes tuberculosus</i> |

**PART E : INSECTS**

| <b>Sl. No.</b> | <b>Common Name</b>                  | <b>Scientific Name</b>             |
|----------------|-------------------------------------|------------------------------------|
| 1.             | White Dragontail Butterfly          | <i>Lamproptera curius</i>          |
| 2.             | Fivebar Swordtail Butterfly         | <i>Graphium antiphates</i>         |
| 3.             | Fourbar Swordtail Butterfly         | <i>Graphium agetes</i>             |
| 4.             | Common banded Peacock Butterfly     | <i>Papilio crino</i>               |
| 5.             | Paris Peacock Butterfly             | <i>Papilio paris</i>               |
| 6.             | Blue Mormon Butterfly               | <i>Papilio polymnestor</i>         |
| 7.             | Great Mormon Butterfly              | <i>Papilio memnon</i>              |
| 8.             | Andaman Mormon Butterfly            | <i>Papilio mayo</i>                |
| 9.             | Malabar Banded Peacock Butterfly    | <i>Papilio buddha</i>              |
| 10.            | Crimson Rose Butterfly              | <i>Atrophaneura hector</i>         |
| 11.            | Golden Birdwing Butterfly           | <i>Troides aeacus</i>              |
| 12.            | Southern Birdwing Butterfly         | <i>Troides minos</i>               |
| 13.            | Magpie Crow Butterfly               | <i>Euploea radamanthus</i>         |
| 14.            | Malabar Tree Nymph Butterfly        | <i>Idea malabarica</i>             |
| 15.            | Orange Oakleaf Butterfly            | <i>Kallima inachus</i>             |
| 16.            | Blue Oakleaf Butterfly              | <i>Kallima horsfieldi</i>          |
| 17.            | Danaid Eggfly Butterfly             | <i>Hypolimnas misippus</i>         |
| 18.            | Leopard Lacewing Butterfly          | <i>Cethosia cyane</i>              |
| 19.            | Tamil Lacewing Butterfly            | <i>Cethosia nietneri</i>           |
| 20.            | Queen of Spain Fritillary Butterfly | <i>Issoria lathonia</i>            |
| 21.            | White Commodore Butterfly           | <i>Parasarpa dudu</i>              |
| 22.            | Clipper Butterfly                   | <i>Parthenos sylvia</i>            |
| 23.            | Blue Duchess Butterfly              | <i>Euthalia dudu</i>               |
| 24.            | Panther Butterfly                   | <i>Neurosigma siva</i>             |
| 25.            | Archduke Butterfly                  | <i>Lexias pardalis</i>             |
| 26.            | Common Map Butterfly                | <i>Cyrestis thyodamas</i>          |
| 27.            | Painted Courtesan Butterfly         | <i>Euripus consimilis</i>          |
| 28.            | Camberwell Beauty Butterfly         | <i>Nymphalis antiopa</i>           |
| 29.            | Ringed Argus Butterfly              | <i>Callerebia annada annada</i>    |
| 30.            | Fuliginous Sailer Butterfly         | <i>Lasippa ebusa ebusa</i>         |
| 31.            | Yellowjack Sailer Butterfly         | <i>Lasippa viraja nar</i>          |
| 32.            | Variiegated Sailer Butterfly        | <i>Neptis armandia</i>             |
| 33.            | Chinese Yellow Sailer Butterfly     | <i>Neptis kirbariensis</i>         |
| 34.            | Pale Hockeystick Sailer Butterfly   | <i>Neptis manasa manasa</i>        |
| 35.            | Hockeystick Sailer Butterfly        | <i>Neptis nycteus</i>              |
| 36.            | Great Hockeystick Sailer Butterfly  | <i>Phaedyma aspasia</i>            |
| 37.            | Red-disc Bushbrown Butterfly        | <i>Mycalesis oculus</i>            |
| 38.            | Short-banded Sailer Butterfly       | <i>Phaedyma columella binghami</i> |
| 39.            | Tytler's Lascar Butterfly           | <i>Pantoporia beiti paona</i>      |
| 40.            | Common Pierrot Butterfly            | <i>Castalius rosimon alarbus</i>   |
| 41.            | Orchid Tit Butterfly                | <i>Chliaria othona</i>             |
| 42.            | Wonderfull Hairstreak Butterfly     | <i>Chrysozephyrus zulla</i>        |



|     |                                 |  |
|-----|---------------------------------|--|
| 43. | Watson's Hairstreak Butterfly   | <i>Chrysozephyrus disparatus</i><br><i>pseudoletha</i> |
| 44. | Paona Hairstreak Butterfly      | <i>Chrysozephyrus paona</i>                            |
| 45. | Cornelian Butterfly             | <i>Deudorix epijarbus amatius</i>                      |
| 46. | Peacock Hairstreak Butterfly    | <i>Eusaspa pavo</i>                                    |
| 47. | Hybrid Sapphire Butterfly       | <i>Heliophorus brahma</i>                              |
| 48. | Violet Onyx Butterfly           | <i>Horaga albimacula</i>                               |
| 49. | Ferrar's Cerulean Butterfly     | <i>Jamides ferrari ferrari</i>                         |
| 50. | Tytler's Dull Oakblue Butterfly | <i>Arhopala arata</i>                                  |
| 51. | Rosy Oakblue Butterfly          | <i>Arhopala constanceae</i>                            |
| 52. | Opal Oakblue Butterfly          | <i>Nilasera opalina</i>                                |
| 53. | Lister's Hairstreak Butterfly   | <i>Pamela dudgeoni</i>                                 |
| 54. | Dark Blue Royal Butterfly       | <i>Pratapa icetas mishmia</i>                          |
| 55. | Elwes' Silverline Butterfly     | <i>Spindasis elwesi</i>                                |
| 56. | Khaki Silverline Butterfly      | <i>Aphnaeus rumini</i>                                 |
| 57. | Mackwood's Hairstreak Butterfly | <i>Thecla mackwoodi</i>                                |
| 58. | Anisozygopteran Dragonfly       | <i>Epiophlebialaidlawi</i>                             |

#### PART F : MOLLUSCA

##### Sl. No. Scientific Name

|     |                                   |
|-----|-----------------------------------|
| 1.  | <i>Cypraealimacina</i>            |
| 2.  | <i>Cypraeamappa</i>               |
| 3.  | <i>Cypraeatalpa</i>               |
| 4.  | <i>Pleuroploca trapezium</i>      |
| 5.  | <i>Harpulinaarausiaca</i>         |
| 6.  | <i>Lambis chiragra arthritica</i> |
| 7.  | <i>Lambis chiragra chiragra</i>   |
| 8.  | <i>Lambiscrocatocrocata</i>       |
| 9.  | <i>Lambismillepeda</i>            |
| 10. | <i>Lambisscorpius</i>             |
| 11. | <i>Lambistruncatatruncata</i>     |
| 12. | <i>Placuna placenta</i>           |
| 13. | <i>Strombusplicatussibbaldi</i>   |
| 14. | <i>Trochus niloticus</i>          |

#### PART G : SPONGES

|     |   |
|-----|---|
| 1.  | <i>Clathrina coriacea</i>               |
| 2.  | <i>Pericharaxheteroraphis</i>           |
| 3.  | <i>Leucandradonani var tenuiradiata</i> |
| 4.  | <i>Leucandradwarkensis</i>              |
| 5.  | <i>Leucandrawasinensis</i>              |
| 6.  | <i>Leuconia johnstoni</i>               |
| 7.  | <i>Ute syconoides</i>                   |
| 8.  | <i>Grantessahastifera</i>               |
| 9.  | <i>Heteropiaglomerosa</i>               |
| 10. | <i>Sycon grantioides</i>                |

SCHEDULE III  
(See Chapter IIIA and sections 50, 51, 54 and 57)

SPECIFIED PLANTS

| Sl.No. | Scientific Name                  | Local name                   | Family         | Distribution                                   |
|--------|----------------------------------|------------------------------|----------------|--|
| 1      | <i>Strobilanthes kunthianus</i>  | Neel kurinji                 | Acanthaceae    | S.W. Ghats                                     |
| 2      | <i>Coptisteeta</i>               | Gold threat,<br>Mishmi teeta | Ranunculaceae  | Arunachal Pradesh                              |
| 3      | <i>Coscinium fenestratum</i>     | Tree turmeric                | Menispermaceae | S.W. Ghats                                     |
| 4      | <i>Taxus wallichiana</i>         | Common yew                   | Taxaceae       | Himalayas                                      |
| 5      | <i>Vanda coerulea</i>            | Blue vanda                   | Orchidaceae    | N.E. India                                     |
| 6      | <i>Nepenthes khasiana</i>        | Pitcher plant                | Nepenthaceae   | Meghalaya                                      |
| 7      | <i>Renanthera imschootiana</i>   | Red vanda                    | Orchidaceae    | Eastern Himalaya                               |
| 8      | <i>Cycads</i>                    |                              | Cycadaceae     | Peninsular India, A & N<br>Islands, N.E. India |
| 9      | <i>Ceropegias</i>                |                              | Apocynaceae    | Peninsular India, N.E.<br>India                |
| 10     | <i>Aenhenrya rotundifolia</i>    |                              | Orchidaceae    | Southern Western Ghats                         |
| 11     | <i>Odontochilus grandiflorus</i> |                              | Orchidaceae    | N.E. India, West Bengal,<br>Sikkim             |
| 12     | <i>Odontochilus tetrapterus</i>  |                              | Orchidaceae    | Manipur  |
| 13     | <i>Rhomboda pulchra</i>          |                              | Orchidaceae    | N.E. India Eastern<br>Himalayas                |
| 14     | <i>Vrydagzyne aviridiflora</i>   |                              | Orchidaceae    | Assam  |
| 15     | <i>Zeuxine andamanica</i>        |                              | Orchidaceae    | A. & N. Islands                                |
| 16     | <i>Ipseamalabarica</i>           | Daffodil orchid              | Orchidaceae    | Silent Valley (Kerala)                         |
| 17     | <i>Habenaria barnesii</i>        |                              | Orchidaceae    | Nilgiris- Shola, Tamil<br>Nadu                 |
| 18     | <i>Podophyllum hexandrum</i>     | Indian podohyllum            | Podophyllaceae | Himalayas                                      |

SCHEDULE IV

Interpretation

(See Chapter VB and sections 39, 50, 51, 54 and 57)

1. Species included in these Appendices are referred to:
  - (a) by the name of the species; or
  - (b) as being all of the species included in a higher taxon or designated part thereof.
2. The abbreviation "spp." is used to denote all species of a higher taxon.
3. Other references to taxa higher than species are for the purposes of information or classification only. The common names included after the scientific names of families are for reference only. They are intended to indicate the species within the family concerned that are included in the Appendices. In most cases this is not all of the species within the family.
4. The following abbreviations are used for plant taxa below the level of species:
  - (a) "ssp." is used to denote sub-species; and
  - (b) "var(s)." is used to denote variety (varieties).
5. As none of the species or higher taxa of FLORA included in Appendix I is annotated to the effect that its hybrids shall be treated in accordance with the provisions of Article III of the Convention, this means that artificially propagated hybrids produced from one or more of these species or taxa may be traded with a certificate of artificial propagation, and that seeds and pollen (including pollinia), cut flowers, seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers of these hybrids are not subject to the provisions of the Convention.

6. The names of the countries in parentheses placed against the names of species in Appendix III are those of the Parties submitting these species for inclusion in this Appendix.

7. When a species is included in one of the Appendices, the whole, live or dead, animal or plant is included. In addition, for animal species listed in Appendix III and plant species listed in Appendix II or III, all parts and derivatives of the species are also included in the same Appendix unless the species is annotated to indicate that only specific parts and derivatives are included. The symbol # followed by a number placed against the name of a species or higher taxon included in Appendix II or III refers to a foot note that indicates the parts or derivatives of animals or plants that are designated as 'specimens' subject to the provisions of the Convention in accordance with Article I, paragraph (b), sub-paragraph (ii) or (iii).

8. The terms and expressions below, used in annotations in these Appendices, are defined as follows:

#### Extract

*Any substance obtained directly from plant material by physical or chemical means regardless of the manufacturing process. An extract may be solid (e.g. crystals, resin, fine or coarse particles), semi-solid (e.g. gums, waxes) or liquid (e.g. solutions, tinctures, oil and essential oils).*

#### Finished musical instruments

*A musical instrument (as referenced by the Harmonized System of the World Customs Organization, Chapter 92; musical instruments, parts and accessories of such articles) that is ready to play or needs only the installation of parts to make it playable. This term includes antique instruments (as defined by the Harmonized System codes 97.05 and 97.06; Works of art, collectors' pieces and antiques).*

#### Finished musical instrument accessories

*A musical instrument accessory (as referenced by the Harmonized System of the World Customs Organisation, Chapter 92; musical instruments, parts and accessories of such articles) that is separate from the musical instrument, and is specifically designed or shaped to be used explicitly in association with an instrument, and that requires no further modification to be used.*

#### Finished musical instrument parts

*A part (as referenced by the Harmonized System of the World Customs Organisation, Chapter 92; musical instruments, parts and accessories of such articles) of a musical instrument that is ready to install and is specifically designed and shaped to be used explicitly in association with the instrument to make it playable.*

#### Finished products packaged and ready for retail trade

*Products, shipped singly or in bulk, requiring no further processing, packaged, labelled for final use or the retail trade in a state fit for being sold to or used by the general public.*

#### Powder

*A dry, solid substance in the form of fine or coarse particles.*

#### Shipment

*Cargo transported under the terms of a single bill of lading or air waybill, irrespective of the quantity or number of containers, packages, or pieces worn, carried or included in personal baggage.*

Ten (10) kg per shipment

For the term "10 kg per shipment", the 10 kg limit should be interpreted as referring to the weight of the individual portions of each item in the shipment made of wood of the species concerned. In other words, the 10 kg limit is to be assessed against the weight of the individual portions of wood of *Dalbergia*/*Guibourtia* species contained in each item of the shipment, rather than against the total weight of the shipment.

Transformed wood

Defined by Harmonized System code 44.09: Wood (including strips, friezes for parquet flooring, not assembled), continuously shaped (tongued, grooved, v-jointed, beaded or the like) along any edges, ends or faces, whether or not planed, sanded or end-jointed.

Woodchips

Wood that has been reduced to small pieces.

## APPENDIX I

## FAUNA (ANIMALS)

## PHYLUM CHORDATA

## CLASS MAMMALIA (MAMMALS)

## ARTIODACTYLA

## Antilocapridae Pronghorns

- |    |   |
|----|---|
| 1  | <i>Antilocapra americana</i> (Only the population of Mexico is included in Appendix I. No other population is included in the Appendices.)                |
|    | Bovidae   |
|    | Antelopes, cattle, duikers, gazelles, goats, sheep, etc.  |
| 2  | <i>Addax nasomaculatus</i>  |
| 3  | <i>Bos gaurus</i> (Excludes the domesticated form, which is referenced as <i>Bos frontalis</i> , and is not subject to the provisions of the Convention.) |
| 4  | <i>Bos mutus</i> (Excludes the domesticated form, which is referenced as <i>Bos grunniens</i> , and is not subject to the provisions of the Convention.)  |
| 5  | <i>Bos sauveli</i>  |
| 6  | <i>Bubalus depressicornis</i>   |
| 7  | <i>Bubalus mindorensis</i>  |
| 8  | <i>Bubalus quarlesi</i>   |
| 9  | <i>Capra falconeri</i>  |
| 10 | <i>Capricornismilneedwardsii</i>  |
| 11 | <i>Capricornisrubidus</i>   |
| 12 | <i>Capricornissumatraensis</i>  |
| 13 | <i>Capricornis thar</i>   |
| 14 | <i>Cephalophusjentinki</i>  |
| 15 | <i>Gazella cuvieri</i>  |
| 16 | <i>Gazella leptoceros</i>   |
| 17 | <i>Hippotragus nigervariani</i>   |
| 18 | <i>Naemorhedus baileyi</i>  |

|    |  |
|----|--|
| 19 | <i>Naemorhedus caudatus</i>  |
| 20 | <i>Naemorhedus goral</i>   |
| 21 | <i>Naemorhedus griseus</i>   |
| 22 | <i>Nangerdama</i>  |
| 23 | <i>Oryx dammah</i>   |
| 24 | <i>Oryx leucoryx</i>   |
| 25 | <i>Ovis gmelini</i> (Only the population of Cyprus; no other population is included in the Appendices)   |
| 26 | <i>Ovis hodgsoni</i>   |
| 27 | <i>Ovis nigrimontana</i>   |
| 28 | <i>Ovis vignei</i>   |
| 29 | <i>Pantholopshodgsonii</i>   |
| 30 | <i>Pseudoryxnghetinhensis</i>  |
|    | Camelidae  |
|    | Camels, guanacos, vicunas  |
| 31 | <i>Vicugna vicugna</i> [Except the populations of: Argentina (the populations of the Provinces of Jujuy, Catamarca and Salta, and the semi-captive populations of the Provinces of Jujuy, Salta, Catamarca, La Rioja and San Juan), Chile (populations of the region of Tarapacá and of the region of Arica and Parinacota), Ecuador (the whole population), Peru (the whole population) and the Plurinational State of Bolivia (the whole population), which are included in Appendix II] |
|    | Cervidae   |
|    | Deer, huemuls, muntjacs, pudus   |
| 32 | <i>Axis calamianensis</i>  |
| 33 | <i>Axis kuhlii</i>   |
| 34 | <i>Axis porcinusannamiticus</i>  |
| 35 | <i>Blastocerusdichotomus</i>   |
| 36 | <i>Cervus elaphus hanglu</i>   |
| 37 | <i>Damadamamesopotamica</i>  |
| 38 | <i>Hippocamelus spp.</i>   |
| 39 | <i>Muntiacuscrinifrons</i>   |
| 40 | <i>Muntiacusvuquanghensis</i>  |
| 41 | <i>Ozotocerosbezoarticus</i>   |
| 42 | <i>Pudupuda</i>  |
| 43 | <i>Rucervusduvaucelii</i>  |
| 44 | <i>Rucervuseldii</i>   |
|    | Giraffidae   |
|    | Giraffes   |
|    | Hippopotamidae   |
|    | Hippopotamuses   |
|    | Moschidae  |
|    | Musk deer  |
| 45 | <i>Moschus spp.</i> [(Only the populations of Afghanistan, Bhutan, India, Myanmar, Nepal and Pakistan; all other populations are included in Appendix II)]   |

|    |                      |  |
|----|----------------------|--|
|    | Suidae               |  |
|    | Babirusa, hogs, pigs |  |
| 46 |                      | <i>Babyrousbabyrussa</i>   |
| 47 |                      | <i>Babyrousalabatuensis</i>  |
| 48 |                      | <i>Babyrousbacelebensis</i>  |
| 49 |                      | <i>Babyrousatogeanensis</i>  |
| 50 |                      | <i>Sus salvanius</i>   |
|    | Tayassuidae          |  |
|    | Peccaries            |  |
| 51 |                      | <i>Catagonuswagneri</i>  |
|    | CARNIVORA            |  |
|    | Ailuridae            |  |
|    | Red pandas           |  |
| 52 |                      | <i>Ailurus fulgens</i>   |
|    | Canidae              |  |
|    | Dogs, foxes, wolves  |  |
| 53 |                      | <i>Canis lupus</i> (Only the populations of Bhutan, India, Nepal and Pakistan; all other populations are included in Appendix II. Excludes the domesticated form and the dingo which are referenced as <i>Canis lupus familiaris</i> and <i>Canis lupus dingo</i> , respectively, which are not subject to the provisions of the Convention) |
| 54 |                      | <i>Speothosvenaticus</i>   |
|    | Felidae              |  |
|    | Cats                 |  |
| 55 |                      | <i>Acinonyx jubatus</i> (Annual export quotas for live specimens and hunting trophies are granted as follows: Botswana: 5; Namibia: 150; Zimbabwe: 50. The trade in such specimens is subject to the provisions of Article III of the Convention.)   |
| 56 |                      | <i>Caracal caracal</i> (Only the population of Asia; all other populations are included in Appendix II.)   |
| 57 |                      | <i>Catopumateminckii</i>   |
| 58 |                      | <i>Felis nigripes</i>  |
| 59 |                      | <i>Herpailurusyagouaroundsi</i> (Only the populations of Central and North America; all other populations are included in Appendix II)   |
| 60 |                      | <i>Leopardus geoffroyi</i>   |
| 61 |                      | <i>Leopardusguttulus</i>   |
| 62 |                      | <i>Leopardusjacobita</i>   |
| 63 |                      | <i>Leopardus pardalis</i>  |
| 64 |                      | <i>Leopardustigrinus</i>   |
| 65 |                      | <i>Leoparduswiedii</i>   |
| 66 |                      | <i>Lynx pardinus</i>   |
| 67 |                      | <i>Neofelisdiardi</i>  |
| 68 |                      | <i>Neofelisnebulosa</i>  |
| 69 |                      | <i>Panthera leo</i> (Only the populations of India; all other populations are included in Appendix II.)  |

|    |  |  |
|----|--|--|
| 70 |  | <i>Panthera onca</i>   |
| 71 |  | <i>Panthera pardus</i>   |
| 72 |  | <i>Panthera tigris</i>   |
| 73 |  | <i>Panthera uncia</i>  |
| 74 |  | <i>Pardofelis marmorata</i>  |
| 75 |  | <i>Prionailurus bengalensis bengalensis</i> (Only the populations of Bangladesh, India and Thailand; all other populations are included in Appendix II.) |
| 76 |  | <i>Prionailurusplaniceps</i>   |
| 77 |  | <i>Prionailurusrubiginosus</i> (Only the population of India; all other populations are included in Appendix II.)  |
| 78 |  | <i>Puma concolor</i> (Only the populations of Costa Rica and Panama; all other populations are included in Appendix II)                                  |
|    | Otters   |  |
| 79 |  | <i>Aonyx capensis microdon</i> (Only the populations of Cameroon and Nigeria; all other populations are included in Appendix II.)                        |
| 80 |  | <i>Aonyx cinerea</i>   |
| 81 |  | <i>Enhydra lutris nereis</i>   |
| 82 |  | <i>Lontrafelina</i>  |
| 83 |  | <i>Lontralongicaudis</i>   |
| 84 |  | <i>Lontraprovocax</i>  |
| 85 |  | <i>Lutralutra</i>  |
| 86 |  | <i>Lutranippon</i>   |
| 87 |  | <i>Lutrogaleperspicillata</i>  |
| 88 |  | <i>Pteronurabrasiliensis</i>   |
|    | Mustelinae<br>Grisons, honey badgers,<br>martens, tayra, weasels |  |
| 89 |  | <i>Mustela nigripes</i>  |
|    | Otariidae<br>Fur seals, sealions                                 |  |
| 90 |  | <i>Arctocephalus townsendi</i>   |
|    | Phocidae<br>Seals  |  |
| 91 |  | <i>Monachus spp.</i>   |
|    | Ursidae<br>Bears, giant pandas                                   |  |
| 92 |  | <i>Ailuropoda melanoleuca</i>  |
| 93 |  | <i>Helarctosmalayanus</i>  |
| 94 |  | <i>Melursus ursinus</i>  |
| 95 |  | <i>Tremarctosornatus</i>   |
| 96 |  | <i>Ursus arctos</i> (Only the populations of Bhutan, China, Mexico and Mongolia; all other populations are included in Appendix II.)                     |

|     |  |   |
|-----|--|---|
| 97  |  | <i>Ursus arctos isabellinus</i>   |
| 98  |  | <i>Ursus thibetanus</i>   |
|     | Viverridae   |   |
|     | Binturong, civets, linsangs,<br>otter-civet, palm civets |   |
| 99  |  | <i>Prionodonpardicolor</i>  |
|     | CETACEA  |   |
|     | DOLPHINS, PORPOISES,<br>WHALES                           |   |
|     | Balaenidae   |   |
|     | Bowhead whale, right whales                              |   |
| 100 |  | <i>Balaena mysticetus</i>   |
| 101 |  | <i>Eubalaena spp.</i>   |
|     | Balaenopteridae  |   |
|     | Fin whales, humpback<br>whales, rorquals                 |   |
| 102 |  | <i>Balaenoptera acutorostrata</i> (Except the population of<br>West Greenland, which is included in Appendix II.) |
| 103 |  | <i>Balaenoptera bonaerensis</i>   |
| 104 |  | <i>Balaenoptera borealis</i>  |
| 105 |  | <i>Balaenoptera edeni</i>   |
| 106 |  | <i>Balaenoptera musculus</i>  |
| 107 |  | <i>Balaenoptera omurai</i>  |
| 108 |  | <i>Balaenoptera physalus</i> (All stocks.)  |
| 109 |  | <i>Megaptera novaeangliae</i>   |
|     | Delphinidae  |   |
|     | Dolphins   |   |
| 110 |  | <i>Orcaellabrevirostris</i>   |
| 111 |  | <i>Orcaellaheinsohni</i>  |
| 112 |  | <i>Sotalia spp.</i>   |
| 113 |  | <i>Sousa spp.</i>   |
|     | Eschrichtiidae   |   |
|     | Grey whale   |   |
| 114 |  | <i>Eschrichtius robustus</i>  |
|     | Iniidae  |   |
|     | River dolphins   |   |
| 115 |  | <i>Lipotesvexillifer</i>  |
|     | Neobalaenidae  |   |
|     | Pygmy right whale  |   |
| 116 |  | <i>Capereamarginata</i>   |
|     | Phocoenidae  |   |
|     | Porpoises  |   |
| 117 |  | <i>Neophocaenaasiaorientalis</i>  |
| 118 |  | <i>Neophocaenaphocaenoides</i>  |
| 119 |  | <i>Phocoena sinus</i>   |
|     | Physeteridae   |   |
|     | Sperm whales   |   |
| 120 |  | <i>Physeter macrocephalus</i>   |



|     |   |                                |
|-----|---|--------------------------------|
|     | Platanistidae<br>River dolphins                 |                                |
| 121 |   | <i>Platanista</i> spp.         |
|     | Ziphiidae<br>Beaked whales, bottle-nosed whales |                                |
| 122 |   | <i>Berardius</i> spp.          |
| 123 |   | <i>Hyperoodon</i> spp.         |
|     | CHIROPTERA                                      |                                |
|     | Phyllostomidae<br>Broad-nosed bats              |                                |
|     | Pteropodidae<br>Fruit bats, flying foxes        |                                |
| 124 |   | <i>Acerodon jubatus</i>        |
| 125 |   | <i>Pteropusinsularis</i>       |
| 126 |   | <i>Pteropuslochoensis</i>      |
| 127 |   | <i>Pteropusmariannus</i>       |
| 128 |   | <i>Pteropusmolossinus</i>      |
| 129 |   | <i>Pteropuspelewensis</i>      |
| 130 |   | <i>Pteropuspilosus</i>         |
| 131 |   | <i>Pteropussamoensis</i>       |
| 132 |   | <i>Pteropustonganus</i>        |
| 133 |   | <i>Pteropusualanus</i>         |
| 134 |   | <i>Pteropusyapensis</i>        |
|     | CINGULATA                                       |                                |
|     | Dasypodidae<br>Armadillos                       |                                |
| 135 |   | <i>Priodontes maximus</i>      |
|     | DASYUROMORPHIA                                  |                                |
|     | Dasyuridae<br>Dunnarts                          |                                |
| 136 |   | <i>Sminthopsislongicaudata</i> |
| 137 |   | <i>Sminthopsispsammophila</i>  |
|     | DIPROTODONTIA                                   |                                |
|     | Macropodidae<br>Kangaroos, wallabies            |                                |
| 138 |   | <i>Lagorchesteshirsutus</i>    |
| 139 |   | <i>Lagostrophus fasciatus</i>  |
| 140 |   | <i>Onychogaleafraenata</i>     |
|     | Potoroidae<br>Rat-kangaroos                     |                                |
| 141 |   | <i>Bettongia</i> spp.          |
|     | Vombatidae<br>Wombats                           |                                |
| 142 |   | <i>Lasiorhinuskrefftii</i>     |
|     | LAGOMORPHA                                      |                                |
|     | Leporidae<br>Hares, rabbits                     |                                |
| 143 |   | <i>Caprolagushispidus</i>      |

|     |   |
|-----|---|
| 144 | <i>Romerolagus diazi</i>  |
|     | PERAMELEMORPHIA   |
|     | Peramelidae   |
|     | Bandicoots, echymiperas   |
| 145 | <i>Perameles bougainville</i>   |
|     | Thylacomyidae   |
|     | Bilbies   |
| 146 | <i>Macrotis lagotis</i>   |
|     | PERISSODACTYLA  |
|     | Equidae   |
|     | Horses, wild asses, zebras  |
| 147 | <i>Equus africanus</i> (Excludes the domesticated form, which is referenced as <i>Equus asinus</i> and is not subject to the provisions of the Convention.) |
| 148 | <i>Equus grevyi</i>   |
| 149 | <i>Equus hemionus hemionus</i>  |
| 150 | <i>Equus hemionus khur</i>  |
| 151 | <i>Equus przewalskii</i>  |
|     | Rhinocerotidae  |
|     | Rhinoceroses  |
| 152 | <i>Rhinocerotidae</i> spp. ( Except the species included in Appendix II)  |
|     | Tapiridae   |
|     | Tapirs  |
| 153 | <i>Tapiridae</i> spp. ( Except the species included in Appendix II)   |
|     | PHOLIDOTA   |
|     | Manidae   |
|     | Pangolins   |
| 154 | <i>Manis crassicaudata</i>  |
| 155 | <i>Manis culionensis</i>  |
| 156 | <i>Manis gigantea</i>   |
| 157 | <i>Manis javanica</i>   |
| 158 | <i>Manis pentadactyla</i>   |
| 159 | <i>Manis temminckii</i>   |
| 160 | <i>Manis tetradactyla</i>   |
| 161 | <i>Manis tricuspis</i>  |
|     | PRIMATES  |
|     | APES, MONKEYS   |
|     | Atelidae  |
|     | Howler monkeys, spider monkeys  |
| 162 | <i>Alouatta coibensis</i>   |
| 163 | <i>Alouatta palliata</i>  |
| 164 | <i>Alouatta pigra</i>   |
| 165 | <i>Ateles geoffroyi frontatus</i>   |
| 166 | <i>Ateles geoffroyi ornatus</i>   |
| 167 | <i>Brachyteles arachnoides</i>  |

|     |   |                                    |
|-----|---|------------------------------------|
| 168 |   | <i>Brachyteleshypoxanthus</i>      |
| 169 |   | <i>Oreonaxflavicauda</i>           |
|     | Cebidae                                   |                                    |
|     | Marmosets, tamarins,<br>new-world monkeys |                                    |
| 170 |   | <i>Callimicogoeldii</i>            |
| 171 |   | <i>Callithrix aurita</i>           |
| 172 |   | <i>Callithrix flaviceps</i>        |
| 173 |   | <i>Leontopithecus</i> spp.         |
| 174 |   | <i>Saguinusbicolor</i>             |
| 175 |   | <i>Saguinus geoffroyi</i>          |
| 176 |   | <i>Saguinusleucopus</i>            |
| 177 |   | <i>Saguinusmartinsi</i>            |
| 178 |   | <i>Saguinusoedipus</i>             |
| 179 |   | <i>Saimiri oerstedii</i>           |
|     | Cercopithecidae                           |                                    |
|     | Old-world monkeys                         |                                    |
| 180 |   | <i>Cercocebusgaleritus</i>         |
| 181 |   | <i>Cercopithecus diana</i>         |
| 182 |   | <i>Cercopithecus roloway</i>       |
| 183 |   | <i>Macaca silenus</i>              |
| 184 |   | <i>Macaca sylvanus</i>             |
| 185 |   | <i>Mandrillusleucophaeus</i>       |
| 186 |   | <i>Mandrillus sphinx</i>           |
| 187 |   | <i>Nasalis larvatus</i>            |
| 188 |   | <i>Ptilocolobuskirkii</i>          |
| 189 |   | <i>Ptilocolobusrufomitratu</i>     |
| 190 |   | <i>Presbytis potenziani</i>        |
| 191 |   | <i>Pygathrix</i> spp.              |
| 192 |   | <i>Rhinopithecus</i> spp.          |
| 193 |   | <i>Semnopithecus ajax</i>          |
| 194 |   | <i>Semnopithecus dussumieri</i>    |
| 195 |   | <i>Semnopithecus entellus</i>      |
| 196 |   | <i>Semnopithecus hector</i>        |
| 197 |   | <i>Semnopithecus hypoleucos</i>    |
| 198 |   | <i>Semnopithecus priam</i>         |
| 199 |   | <i>Semnopithecus schistaceus</i>   |
| 200 |   | <i>Simias concolor</i>             |
| 201 |   | <i>Trachypithecusgeei</i>          |
| 202 |   | <i>Trachypithecuspileatus</i>      |
| 203 |   | <i>Trachypithecusshortridgei</i>   |
|     | Cheirogaleidae                            |                                    |
|     | Dwarf lemurs                              |                                    |
| 204 |   | <i>Cheirogaleidae</i> spp.         |
|     | Daubentoniidae                            |                                    |
|     | Aye-aye                                   |                                    |
| 205 |   | <i>Daubentoniamadagascariensis</i> |

|     |   |   |
|-----|---|---|
|     | Hominidae                                   |   |
|     | Apes, chimpanzees,<br>gorillas, orang-utans |   |
| 206 |   | <i>Gorilla beringei</i>   |
| 207 |   | <i>Gorilla gorilla</i>  |
| 208 |   | <i>Pan spp.</i>   |
| 209 |   | <i>Pongo abelii</i>   |
| 210 |   | <i>Pongo pygmaeus</i>   |
|     | Hylobatidae                                 |   |
|     | Gibbons                                     |   |
| 211 |   | <i>Hylobatidae spp.</i>   |
|     | Indriidae                                   |   |
|     | Indris, sifakas, woolly lemurs              |   |
| 212 |   | <i>Indriidae spp.</i>   |
|     | Lemuridae                                   |   |
|     | Large lemurs                                |   |
| 213 |   | <i>Lemuridae spp.</i>   |
|     | Lepilemuridae                               |   |
|     | Sportive lemurs                             |   |
| 214 |   | <i>Lepilemuridae spp.</i>   |
|     | Lorisidae                                   |   |
|     | Lorises                                     |   |
| 215 |   | <i>Nycticebus spp.</i>  |
|     | Pitheciidae                                 |   |
|     | Sakis, uakaris                              |   |
| 216 |   | <i>Cacajao spp.</i>   |
| 217 |   | <i>Chiropotesalbinasus</i>  |
|     | PROBOSCIDEA                                 |   |
|     | Elephantidae                                |   |
|     | Elephants                                   |   |
| 218 |   | <i>Elephas maximus</i>  |
| 219 |   | <i>Loxodonta africana</i> (Except the populations of<br>Botswana, Namibia, South Africa and Zimbabwe, which<br>are included in Appendix II subject to annotation 2) |
|     | RODENTIA                                    |   |
|     | Chinchillidae                               |   |
|     | Chinchillas                                 |   |
| 220 |   | <i>Chinchilla spp.</i> (Specimens of the domesticated form<br>are not subject to the provisions of the Convention)  |
|     | Sciuridae                                   |   |
|     | Ground squirrels, tree<br>squirrels         |   |
| 221 |   | <i>Cynomys mexicanus</i>  |
|     | SIRENIA                                     |   |
|     | Dugongidae                                  |   |
|     | Dugong                                      |   |
| 222 |   | <i>Dugong dugon</i>   |
|     | Trichechidae                                |   |
|     | Manatees                                    |   |
| 223 |   | <i>Trichechus inunguis</i>  |

|     |                                      |
|-----|--------------------------------------|
| 224 | <i>Trichechus manatus</i>            |
| 225 | <i>Trichechus senegalensis</i>       |
|     | CLASS AVES (BIRDS)                   |
|     | ANSERIFORMES                         |
|     | Anatidae                             |
|     | Ducks, geese, swans, etc.            |
| 226 | <i>Anas aucklandica</i>              |
| 227 | <i>Anas chlorotis</i>                |
| 228 | <i>Anas laysanensis</i>              |
| 229 | <i>Anas nesiotis</i>                 |
| 230 | <i>Asarcornisscutulata</i>           |
| 231 | <i>Branta canadensis leucopareia</i> |
| 232 | <i>Branta sandvicensis</i>           |
| 233 | <i>Rhodonessacaryophyllacea</i>      |
|     | APODIFORMES                          |
|     | Trochilidae                          |
|     | Humming birds                        |
| 234 | <i>Glaucisdohrnii</i>                |
|     | CHARADRIIFORMES                      |
|     | Laridae                              |
|     | Gulls                                |
| 235 | <i>Larus relictus</i>                |
|     | Scolopacidae                         |
|     | Curlews, greenshanks                 |
| 236 | <i>Numenius borealis</i>             |
| 237 | <i>Numenius tenuirostris</i>         |
| 238 | <i>Tringaguttifer</i>                |
|     | CICONIIFORMES                        |
|     | Ciconiidae                           |
|     | Storks                               |
| 239 | <i>Ciconia boyciana</i>              |
| 240 | <i>Jabiru mycteria</i>               |
| 241 | <i>Mycteria cinerea</i>              |
|     | Threskiornithidae                    |
|     | Ibises, spoonbills                   |
| 242 | <i>Geronticus eremita</i>            |
| 243 | <i>Nipponianippon</i>                |
|     | COLUMBIFORMES                        |
|     | Columbidae                           |
|     | Doves, pigeons                       |
| 244 | <i>Caloenas nicobarica</i>           |
| 245 | <i>Duculamindorensis</i>             |
|     | CORACIIFORMES                        |
|     | Bucerotidae                          |
|     | Hornbills                            |
| 246 | <i>Aceros nipalensis</i>             |
| 247 | <i>Buceros bicornis</i>              |
| 248 | <i>Rhinoplax vigil</i>               |
| 249 | <i>Rhyticeros subruficollis</i>      |

## FALCONIFORMES

Accipitridae  
Hawks, eagles

- 250 *Aquila adalberti*  
251 *Aquila heliaca*  
252 *Chondrohieraxuncinatuswilsonii*  
253 *Haliaeetus albicilla*  
254 *Harpiaharpyja*  
255 *Pithecophagajefferyi*

Cathartidae  
New-world vultures

- 256 *Gymnogyps californianus*  
257 *Vulturgryphus*

Falconidae  
Falcons

- 258 *Falco araeus*  
259 *Falco jugger*  
260 *Falco newtoni* (Only the population of Seychelles.)  
261 *Falco peregrinoides*  
262 *Falco peregrinus*  
263 *Falco punctatus*  
264 *Falco rusticolus*

## GALLIFORMES

Cracidae  
Chachalacas, curassows, guans

- 265 *Crax blumenbachii*  
266 *Mitumitu*  
267 *Oreophasisderbianus*  
268 *Penelope albipennis*  
269 *Pipilejacutinga*  
270 *Pipilepipile*

Megapodiidae  
Megapodes, scrubfowl

- 271 *Macrocephalonmaleo*

Phasianidae  
Grouse, guineafowl, partridges,  
peafowl, pheasants, tragopans

- 272 *Catreuswallichii*  
273 *Colinus virginianus ridgwayi*  
274 *Crossoptiloncrossoptilon*  
275 *Crossoptilonmantchuricum*  
276 *Lophophorusimpejanus*  
277 *Lophophorusluysii*  
278 *Lophophorusclateri*  
279 *Lophuraedwardsi*  
280 *Lophuraswinhoii*  
281 *Polyplectronnapoleonis*

|     |                                |
|-----|--------------------------------|
| 282 | <i>Rheinardia ocellata</i>     |
| 283 | <i>Syrmaticuselliotti</i>      |
| 284 | <i>Syrmaticushumiae</i>        |
| 285 | <i>Syrmaticusmikado</i>        |
| 286 | <i>Tetraogalluscaspicus</i>    |
| 287 | <i>Tetraogallustibetanus</i>   |
| 288 | <i>Tragopan blythii</i>        |
| 289 | <i>Tragopan caboti</i>         |
| 290 | <i>Tragopan melanocephalus</i> |

## GRUIFORMES

## Gruidae

## Cranes

|     |                                 |
|-----|---------------------------------|
| 291 | <i>Balearica pavonina</i>       |
| 292 | <i>Grus americana</i>           |
| 293 | <i>Grus canadensis nesiotis</i> |
| 294 | <i>Grus canadensis pulla</i>    |
| 295 | <i>Grus japonensis</i>          |
| 296 | <i>Grus leucogeranus</i>        |
| 297 | <i>Grus monacha</i>             |
| 298 | <i>Grus nigricollis</i>         |
| 299 | <i>Grus vipio</i>               |

## Otididae

## Bustards

|     |                                |
|-----|--------------------------------|
| 300 | <i>Ardeotisnigriceps</i>       |
| 301 | <i>Chlamydotismacqueenii</i>   |
| 302 | <i>Chlamydotisundulata</i>     |
| 303 | <i>Houbaropsis bengalensis</i> |

## Rallidae

## Rails

|     |                               |
|-----|-------------------------------|
| 304 | <i>Gallirallus sylvestris</i> |
|-----|-------------------------------|

## Rhynochetidae

## Kagu

|     |                            |
|-----|----------------------------|
| 305 | <i>Rhynochetos jubatus</i> |
|-----|----------------------------|

## PASSERIFORMES

## Atrichornithidae

## Scrub-birds

|     |                            |
|-----|----------------------------|
| 306 | <i>Atrichornisclamosus</i> |
|-----|----------------------------|

## Cotingidae

## Cotingas

|     |                              |
|-----|------------------------------|
| 307 | <i>Cotinga maculata</i>      |
| 308 | <i>Xipholenaatropurpurea</i> |

## Fringillidae

## Finches

|     |                            |
|-----|----------------------------|
| 309 | <i>Carduelis cucullata</i> |
|-----|----------------------------|

## Hirundinidae

## Martins

|     |                                       |                                   |
|-----|---------------------------------------|-----------------------------------|
| 310 |                                       | <i>Pseudochelidonsirintarae</i>   |
|     | Icteridae<br>New-world blackbirds     |                                   |
| 311 |                                       | <i>Xanthopsar flavus</i>          |
|     | Muscicapidae<br>Old-world flycatchers |                                   |
| 312 |                                       | <i>Picathartesgymnocephalus</i>   |
| 313 |                                       | <i>Picathartesoreas</i>           |
|     | Pittidae<br>Pittas                    |                                   |
| 314 |                                       | <i>Pitta gurneyi</i>              |
| 315 |                                       | <i>Pitta kochi</i>                |
|     | Sturnidae<br>Mynas, starlings         |                                   |
| 316 |                                       | <i>Leucopsar Rothschildi</i>      |
|     | Zosteropidae<br>White-eyes            |                                   |
| 317 |                                       | <i>Zosteropsalbobularis</i>       |
|     | PELECANIFORMES                        |                                   |
|     | Fregatidae<br>Frigatebirds            |                                   |
| 318 |                                       | <i>Fregataandrewsi</i>            |
|     | Pelecanidae<br>Pelicans               |                                   |
| 319 |                                       | <i>Pelecanus crispus</i>          |
|     | Sulidae<br>Gannets                    |                                   |
| 320 |                                       | <i>Papasulaabbotti</i>            |
|     | PICIFORMES                            |                                   |
|     | Picidae<br>Woodpeckers                |                                   |
| 321 |                                       | <i>Dryocopusjavensisrichardsi</i> |
|     | PODICIPEDIFORMES                      |                                   |
|     | Podicipedidae<br>Grebes               |                                   |
| 322 |                                       | <i>Podilymbus gigas</i>           |
|     | PROCELLARIIFORMES                     |                                   |
|     | Diomedidae<br>Albatrosses             |                                   |
| 323 |                                       | <i>Phoebastriaalbatrus</i>        |
|     | PSITTACIFORMES                        |                                   |
|     | Cacatuidae<br>Cockatoos               |                                   |
| 324 |                                       | <i>Cacatua goffiniana</i>         |
| 325 |                                       | <i>Cacatua haematuropygia</i>     |
| 326 |                                       | <i>Cacatua moluccensis</i>        |
| 327 |                                       | <i>Cacatua sulphurea</i>          |
| 328 |                                       | <i>Proboscigeraterrimus</i>       |
|     | Loriidae<br>Lories, lorikeets         |                                   |
| 329 |                                       | <i>Eos histrio</i>                |
| 330 |                                       | <i>Viniultramarina</i>            |



Psittacidae  
 Amazons, macaws,  
 parakeets, parrots

|     |                                     |
|-----|-------------------------------------|
| 331 | <i>Amazona arausiaca</i>            |
| 332 | <i>Amazona auropalliata</i>         |
| 333 | <i>Amazona barbadensis</i>          |
| 334 | <i>Amazona brasiliensis</i>         |
| 335 | <i>Amazona finschi</i>              |
| 336 | <i>Amazona guildingii</i>           |
| 337 | <i>Amazona imperialis</i>           |
| 338 | <i>Amazona leucocephala</i>         |
| 339 | <i>Amazona oratrix</i>              |
| 340 | <i>Amazona pretrei</i>              |
| 341 | <i>Amazona rhodocorytha</i>         |
| 342 | <i>Amazona tucumana</i>             |
| 343 | <i>Amazona versicolor</i>           |
| 344 | <i>Amazona vinacea</i>              |
| 345 | <i>Amazona viridigenalis</i>        |
| 346 | <i>Amazona vittata</i>              |
| 347 | <i>Anodorhynchus</i> spp.           |
| 348 | <i>Ara ambiguus</i>                 |
| 349 | <i>Ara glaucogularis</i>            |
| 350 | <i>Ara macao</i>                    |
| 351 | <i>Ara militaris</i>                |
| 352 | <i>Ara rubrogenys</i>               |
| 353 | <i>Cyanopsittaspixii</i>            |
| 354 | <i>Cyanoramphuscookii</i>           |
| 355 | <i>Cyanoramphusforbesi</i>          |
| 356 | <i>Cyanoramphusnovaezealandiae</i>  |
| 357 | <i>Cyanoramphussaisseti</i>         |
| 358 | <i>Cyclopsittadiophthalmacoxeni</i> |
| 359 | <i>Eunymphicuscornutus</i>          |
| 360 | <i>Guaroubaguarouba</i>             |
| 361 | <i>Neophemachrysogaster</i>         |
| 362 | <i>Ognorhynchusicterotis</i>        |
| 363 | <i>Pezoporus occidentalis</i>       |
| 364 | <i>Pezoporuswallicus</i>            |
| 365 | <i>Pionopsittapileata</i>           |
| 366 | <i>Primoliuscouloni</i>             |
| 367 | <i>Primoliusmaracana</i>            |
| 368 | <i>Psephotuschrysopterygius</i>     |
| 369 | <i>Psephotusdissimilis</i>          |
| 370 | <i>Psephotuspulcherrimus</i>        |
| 371 | <i>Psittacula echo</i>              |
| 372 | <i>Psittacus erithacus</i>          |

|     |   |
|-----|---|
| 373 | <i>Pyrrhura cruentata</i>   |
| 374 | <i>Rhynchopsitta</i> spp.   |
| 375 | <i>Strigopshabroptila</i>   |
|     | RHEIFORMES  |
|     | Rheidae   |
|     | Rheas   |
| 376 | <i>Pterocnemia pennata</i> (Except <i>Pterocnemia pennata</i> pennata which is included in Appendix II)   |
|     | SPHENISCIFORMES   |
|     | Spheniscidae  |
|     | Penguins  |
| 377 | <i>Spheniscus humboldti</i>   |
|     | STRIGIFORMES  |
|     | Strigidae   |
|     | Owls  |
| 378 | <i>Heteroglauxblewitti</i>  |
| 379 | <i>Mimizukugurneyi</i>  |
| 380 | <i>Ninoxnatalis</i>   |
|     | Tytonidae   |
|     | Barn owls   |
| 381 | <i>Tyto soumagnei</i>   |
|     | STRUTHIONIFORMES  |
|     | Struthionidae   |
|     | Ostriches   |
| 382 | <i>Struthio camelus</i> (Only the populations of Algeria, Burkina Faso, Cameroon, the Central African Republic, Chad, Mali, Mauritania, Morocco, the Niger, Nigeria, Senegal and the Sudan; all other populations are not included in the Appendices) |
|     | TINAMIFORMES  |
|     | Tinamidae   |
|     | Tinamous  |
| 383 | <i>Tinamus solitarius</i>   |
|     | TROGONIFORMES   |
|     | Trogonidae  |
|     | Quetzals  |
| 384 | <i>Pharomachrusmocinno</i>  |
|     | CLASS REPTILIA  |
|     | CROCODYLIA  |
|     | Alligatoridae   |
|     | Alligators, caimans   |
| 385 | <i>Alligator sinensis</i>   |
| 386 | <i>Caiman crocodilusapaporiensis</i>  |
| 387 | <i>Caiman latirostris</i> (Except the population of Argentina, which is included in Appendix II.)   |
| 388 | <i>Melanosuchusniger</i> (Except for the population of Brazil, which is included in Appendix II, and the population of Ecuador, which is included in Appendix II and is subject to a zero annual export quota until an annual export                  |

quota has been approved by the CITES Secretariat and the IUCN/SSC Crocodile Specialist Group.)

|     |                 |  |
|-----|-----------------|--|
|     | Crocodylidae    |  |
|     | Crocodyles      |  |
| 389 |                 | <i>Crocodylus acutus</i> (Except the population of the Integrated Management District of Mangroves of the Bay of Cispata, Tinajones, La Balsa and Surrounding Areas, Department of Córdoba, Colombia, and the population of Cuba, which are included in Appendix II; and the population of Mexico, which is included in Appendix II and is subject to a zero export quota for wild specimens for commercial purposes)  |
| 390 |                 | <i>Crocodylus cataphractus</i>   |
| 391 |                 | <i>Crocodylus intermedius</i>  |
| 392 |                 | <i>Crocodylus mindorensis</i>  |
| 393 |                 | <i>Crocodylus moreletii</i> (Except the population of Belize, which is included in Appendix II with a zero quota for wild specimens traded for commercial purposes, and the population of Mexico, which is included in Appendix II.)   |
| 394 |                 | <i>Crocodylus niloticus</i> [Except the populations of Botswana, Egypt (subject to a zero quota for wild specimens traded for commercial purposes), Ethiopia, Kenya, Madagascar, Malawi, Mozambique, Namibia, South Africa, Uganda, the United Republic of Tanzania (subject to an annual export quota of no more than 1,600 wild specimens including hunting trophies, in addition to ranched specimens), Zambia and Zimbabwe, which are included in Appendix II] |
| 395 |                 | <i>Crocodylus palustris</i>  |
| 396 |                 | <i>Crocodylus porosus</i> {Except the populations of Australia, Indonesia, Malaysia [wild harvest restricted to the State of Sarawak and a zero quota for wild specimens for the other States of Malaysia (Sabah and Peninsular Malaysia), with no change in the zero quota unless approved by the Parties] and Papua New Guinea, which are included in Appendix II. }   |
| 397 |                 | <i>Crocodylus rhombifer</i>  |
| 398 |                 | <i>Crocodylus siamensis</i>  |
| 399 |                 | <i>Osteolaemus tetraspis</i>   |
| 400 |                 | <i>Tomistoma schlegelii</i>  |
|     | Gavialidae      |  |
|     | Gavials         |  |
| 401 |                 | <i>Gavialis gangeticus</i>   |
|     | RHYNCHOCEPHALIA |  |
|     | Sphenodontidae  |  |
|     | Tuataras        |  |
| 402 |                 | <i>Sphenodon</i> spp.  |
|     | SAURIA          |  |
|     | Agamidae        |  |

|     |                               |   |
|-----|-------------------------------|---|
|     | Spiny-tailed lizards, agamas  |   |
| 403 |                               | <i>Ceratophoraerdeleni</i>              |
| 404 |                               | <i>Ceratophorakaruru</i>                |
| 405 |                               | <i>Ceratophoratennentii</i>             |
| 406 |                               | <i>Cophotisceylanica</i>                |
| 407 |                               | <i>Cophotisdumbara</i>                  |
|     | Anguinae                      |   |
|     | Alligator lizards             |   |
| 408 |                               | <i>Abronia anzuetoii</i>                |
| 409 |                               | <i>Abronia campbelli</i>                |
| 410 |                               | <i>Abronia fimbriata</i>                |
| 411 |                               | <i>Abronia frosti</i>                   |
| 412 |                               | <i>Abronia meledona</i>                 |
|     | Chamaeleonidae                |   |
|     | Chameleons                    |   |
| 413 |                               | <i>Brookesiaperarmata</i>               |
|     | Gekkonidae                    |   |
|     | Geckos                        |   |
| 414 |                               | <i>Cnemaspispsychedelica</i>            |
| 415 |                               | <i>Gonatodesdaudini</i>                 |
| 416 |                               | <i>Lygodactyluswilliamsi</i>            |
|     | Helodermatidae                |   |
|     | Beaded lizards, Gila monsters |   |
| 417 |                               | <i>Heloderma horridumcharlesbogerti</i> |
|     | Iguanidae                     |   |
|     | Iguanas                       |   |
| 418 |                               | <i>Brachylophus</i> spp.                |
| 419 |                               | <i>Cyclura</i> spp.                     |
| 420 |                               | <i>Sauromalusvarius</i>                 |
|     | Lacertidae                    |   |
|     | Lizards                       |   |
| 421 |                               | <i>Gallotiasimonyi</i>                  |
|     | Varanidae                     |   |
|     | Monitor lizards               |   |
| 422 |                               | <i>Varanus bengalensis</i>              |
| 423 |                               | <i>Varanus flavescens</i>               |
| 424 |                               | <i>Varanus griseus</i>                  |
| 425 |                               | <i>Varanus komodoensis</i>              |
| 426 |                               | <i>Varanus nebulosus</i>                |
|     | Xenosauridae                  |   |
|     | Chinese crocodile lizard      |   |
| 427 |                               | <i>Shinisauruscrocodilurus</i>          |
|     | SERPENTES                     |   |
|     | Boidae                        |   |
|     | Boas                          |   |
| 428 |                               | <i>Acrantophis</i> spp.                 |
| 429 |                               | <i>Boa constrictor occidentalis</i>     |
| 430 |                               | <i>Epicratesinornatus</i>               |

|     |  |
|-----|--|
| 431 | <i>Epicratesmonensis</i>   |
| 432 | <i>Epicratessubflavus</i>  |
| 433 | <i>Sanziniamadagascariensis</i>  |
|     | Bolyeriidae  |
|     | Round Island boas  |
| 434 | <i>Bolyeriamultocarinata</i>   |
| 435 | <i>Casareadussumieri</i>   |
|     | Pythonidae   |
|     | Pythons  |
| 436 | <i>Python molurusmolurus</i>   |
|     | Viperidae  |
|     | Vipers   |
| 437 | <i>Viperaursinii</i> (Only the population of Europe, except the area which formerly constituted the Union of Soviet Socialist Republics; these latter populations are not included in the Appendices.) |
|     | TESTUDINES   |
|     | Chelidae   |
|     | Austro-American sideneck turtles   |
| 438 | <i>Pseudemyduraumbrina</i>   |
|     | Cheloniidae  |
|     | Sea turtles  |
| 439 | <i>Cheloniidae</i> spp.  |
|     | Dermochelyidae   |
|     | Leatherback turtles  |
| 440 | <i>Dermochelys coriacea</i>  |
|     | Emydidae   |
|     | Box turtles, freshwater turtles  |
| 441 | <i>Glyptemysmuhlenbergii</i>   |
| 442 | <i>Terrapene coahuila</i>  |
|     | Geoemydidae  |
|     | Box turtles, freshwater turtles  |
| 443 | <i>Bataguraffinis</i>  |
| 444 | <i>Batagurbaska</i>  |
| 445 | <i>Cuorabourreti</i>   |
| 446 | <i>Cuorapicturata</i>  |
| 447 | <i>Geoclemyshamiltonii</i>   |
| 448 | <i>Mauremysannamensis</i>  |
| 449 | <i>Melanochelystricarinata</i>   |
| 450 | <i>Morenia ocellata</i>  |
| 451 | <i>Pangshura tecta</i>   |
|     | Platysternidae   |
|     | Big-headed turtles   |
| 452 | <i>Platysternidae</i> spp.   |

|     |                       |                                   |
|-----|-----------------------|-----------------------------------|
|     | Testudinidae          |                                   |
|     | Tortoises             |                                   |
| 453 |                       | <i>Astrochelys radiata</i>        |
| 454 |                       | <i>Astrochelysyniphora</i>        |
| 455 |                       | <i>Chelonoidisniger</i>           |
| 456 |                       | <i>Geochelone elegans</i>         |
| 457 |                       | <i>Geocheloneplatynota</i>        |
| 458 |                       | <i>Gopherus flavomarginatus</i>   |
| 459 |                       | <i>Malacochersustornieri</i>      |
| 460 |                       | <i>Psammobatesgeometricus</i>     |
| 461 |                       | <i>Pyxis arachnoides</i>          |
| 462 |                       | <i>Pyxis planicauda</i>           |
| 463 |                       | <i>Testudo kleinmanni</i>         |
|     | Trionychidae          |                                   |
|     | Softshell turtles     |                                   |
| 464 |                       | <i>Apalonespiniferaatra</i>       |
| 465 |                       | <i>Chitra chitra</i>              |
| 466 |                       | <i>Chitra vandijki</i>            |
| 467 |                       | <i>Nilssonianaganetica</i>        |
| 468 |                       | <i>Nilssoniahurum</i>             |
| 469 |                       | <i>Nilssonia nigricans</i>        |
|     | CLASS AMPHIBIA        |                                   |
|     | ANURA                 |                                   |
|     | Bufo                  |                                   |
|     | Toads                 |                                   |
| 470 |                       | <i>Altiphrynoides</i> spp.        |
| 471 |                       | <i>Amietophrynuschanningi</i>     |
| 472 |                       | <i>Amietophrynussuperciliaris</i> |
| 473 |                       | <i>Atelopuszeteki</i>             |
| 474 |                       | <i>Inciliusperiglenes</i>         |
| 475 |                       | <i>Nectophrynoides</i> spp.       |
| 476 |                       | <i>Nimbaphrynoides</i> spp.       |
|     | Telmatobiidae         |                                   |
|     | Andean water frogs    |                                   |
| 477 |                       | <i>Telmatobiusculeus</i>          |
|     | CAUDATA               |                                   |
|     | Cryptobranchidae      |                                   |
|     | Giant salamanders     |                                   |
| 478 |                       | <i>Andrias</i> spp.               |
|     | Salamandridae         |                                   |
|     | Newts and salamanders |                                   |
| 479 |                       | <i>Neurerguskaiseri</i>           |
|     | CLASS ELASMOBRANCHII  |                                   |
|     | (SHARKS)              |                                   |
|     | PRISTIFORMES          |                                   |

|     |  |                                |
|-----|--|--------------------------------|
|     | Pristidae  |                                |
|     | Sawfishes  |                                |
| 480 |  | <i>Pristidae</i> spp.          |
|     | CLASS ACTINOPTERI (FISHES)                       |                                |
|     | ACIPENSERIFORMES                                 |                                |
|     | Acipenseridae                                    |                                |
|     | Sturgeons  |                                |
| 481 |  | <i>Acipenser brevirostrum</i>  |
| 482 |  | <i>Acipenser sturio</i>        |
|     | CYPRINIFORMES                                    |                                |
|     | Catostomidae                                     |                                |
|     | Cui-ui   |                                |
| 483 |  | <i>Chasmistes cujus</i>        |
|     | Cyprinidae                                       |                                |
|     | Carps  |                                |
| 484 |  | <i>Probarbus jullieni</i>      |
|     | OSTEOGLOSSIFORMES                                |                                |
|     | Osteoglossidae                                   |                                |
|     | Bonytongue                                       |                                |
| 485 |  | <i>Scleropages formosus</i>    |
| 486 |  | <i>Scleropages inscriptus</i>  |
|     | PERCIFORMES                                      |                                |
|     | Sciaenidae                                       |                                |
|     | Totoaba  |                                |
| 487 |  | <i>Totoaba macdonaldi</i>      |
|     | SILURIFORMES                                     |                                |
|     | Pangasiidae                                      |                                |
|     | Pangasid catfish                                 |                                |
| 488 |  | <i>Pangasianodon gigas</i>     |
|     | CLASS COELACANTHI<br>(COELACANTHS)               |                                |
|     | COELACANTHIFORMES                                |                                |
|     | Latimeriidae                                     |                                |
|     | Coelacanth                                       |                                |
| 489 |  | <i>Latimeria</i> spp.          |
|     | PHYLUM ARTHROPODA                                |                                |
|     | CLASS INSECTA (INSECTS)                          |                                |
|     | LEPIDOPTERA                                      |                                |
|     | Papilionidae                                     |                                |
|     | Birdwing butterflies,<br>swallowtail butterflies |                                |
| 490 |  | <i>Achillideschikaechikae</i>  |
| 491 |  | <i>Achillideschikaehermeli</i> |
| 492 |  | <i>Ornithoptera alexandrae</i> |
| 493 |  | <i>Papilio homerus</i>         |
| 494 |  | <i>Parides burchellanus</i>    |

PHYLUM MOLLUSCA  
 CLASS BIVALVIA (CLAMS  
 AND MUSSELS)  
 UNIONOIDA  
 Unionidae Freshwater  
 mussels, pearly mussels

|     |   |
|-----|---|
| 495 | <i>Conradillacaelata</i>                |
| 496 | <i>Dromusdromas</i>                     |
| 497 | <i>Epioblasmacurtisii</i>               |
| 498 | <i>Epioblasmaflorentina</i>             |
| 499 | <i>Epioblasmasampsonii</i>              |
| 500 | <i>Epioblasmasulcataperobliqua</i>      |
| 501 | <i>Epioblasinatorulosa gubernaculum</i> |
| 502 | <i>Epioblasinatorulosatorulosa</i>      |
| 503 | <i>Epioblasmaturgidula</i>              |
| 504 | <i>Epioblasmawalkerii</i>               |
| 505 | <i>Fusconaiacuneolus</i>                |
| 506 | <i>Fusconiaaedgariana</i>               |
| 507 | <i>Lampsilishigginsii</i>               |
| 508 | <i>Lampsilisorbiculataorbiculata</i>    |
| 509 | <i>Lampsilissatur</i>                   |
| 510 | <i>Lampsilisvirescens</i>               |
| 511 | <i>Plethobasuscicatricosus</i>          |
| 512 | <i>Plethobasuscooperianus</i>           |
| 513 | <i>Pleurobema plenum</i>                |
| 514 | <i>Potamilus capax</i>                  |
| 515 | <i>Quadrula intermedia</i>              |
| 516 | <i>Quadrulasparsa</i>                   |
| 517 | <i>Toxolasmacylindrella</i>             |
| 518 | <i>Unio nickliniana</i>                 |
| 519 | <i>Unio tampicoensistecomatensis</i>    |
| 520 | <i>Villosatrabilis</i>                  |

CLASS GASTROPODA  
 (SNAILS AND CONCHES)  
 STYLOMMATOPHORA  
 Achatinellidae  
 Agate snails, oahu tree snails

|     |                             |
|-----|-----------------------------|
| 521 | <i>Achatinella</i> spp.     |
|     | Cepolidae                   |
|     | Helicoid terrestrial snails |
| 522 | <i>Polymita</i> spp.        |

**FLORA (PLANTS)**  
 AGAVACEAE  
 AGAVES



|     |  |
|-----|--|
| 523 | <i>Agave parviflora</i>  |
|     | APOCYNACEAE<br>ELEPHANT TRUNKS,<br>HOODIAS                         |
| 524 | <i>Pachypodium ambongense</i>                                      |
| 525 | <i>Pachypodium baronii</i>   |
| 526 | <i>Pachypodium decaryi</i>   |
|     | ARAUCARIACEAE<br>MONKEY-PUZZLE TREES                               |
| 527 | <i>Araucaria araucana</i>  |
|     | CACTACEAE<br>CACTI   |
| 528 | <i>Ariocarpus</i> spp.   |
| 529 | <i>Astrophytum asterias</i>  |
| 530 | <i>Aztekium ritteri</i>  |
| 531 | <i>Coryphantha werdermannii</i>                                    |
| 532 | <i>Discocactus</i> spp.  |
| 533 | <i>Echinocereus ferreiranus</i> ssp. <i>lindsayorum</i>            |
| 534 | <i>Echinocereus schmollii</i>                                      |
| 535 | <i>Escobaria minima</i>  |
| 536 | <i>Escobarias needii</i>   |
| 537 | <i>Mammillaria pectinifera</i> (Includes ssp. <i>Solisioides</i> ) |
| 538 | <i>Melocactus conoideus</i>  |
| 539 | <i>Melocactus deinacanthus</i>                                     |
| 540 | <i>Melocactus glaucescens</i>                                      |
| 541 | <i>Melocactus paucispinus</i>                                      |
| 542 | <i>Obregonia denegrii</i>  |
| 543 | <i>Pachycereus militaris</i>                                       |
| 544 | <i>Pediocactus bradyi</i>  |
| 545 | <i>Pediocactus knowltonii</i>                                      |
| 546 | <i>Pediocactus paradinei</i>                                       |
| 547 | <i>Pediocactus peeblesianus</i>                                    |
| 548 | <i>Pediocactus sileri</i>  |
| 549 | <i>Pelecypora</i> spp.   |
| 550 | <i>Sclerocactus blainei</i>  |
| 551 | <i>Sclerocactus brevihamatus</i> ssp. <i>tobuschii</i>             |
| 552 | <i>Sclerocactus brevispinus</i>                                    |
| 553 | <i>Sclerocactus cloverae</i>                                       |
| 554 | <i>Sclerocactus erectocentrus</i>                                  |
| 555 | <i>Sclerocactus glaucus</i>  |
| 556 | <i>Sclerocactus mariposensis</i>                                   |
| 557 | <i>Sclerocactus mesae-verdae</i>                                   |
| 558 | <i>Sclerocactus nyensis</i>  |
| 559 | <i>Sclerocactus papyracanthus</i>                                  |
| 560 | <i>Sclerocactus pubispinus</i>                                     |
| 561 | <i>Sclerocactus sileri</i>   |

|     |  |
|-----|--|
| 562 | <i>Sclerocactuswetlandicus</i>   |
| 563 | <i>Sclerocactuswrightiae</i>   |
| 564 | <i>Strombocactus</i> spp.  |
| 565 | <i>Turbinicarpus</i> spp.  |
| 566 | <i>Uebelmannia</i> spp.  |
|     | COMPOSITAE<br>(ASTERACEAE) KUTH  |
| 567 | <i>Saussureacostus</i>   |
|     | CUPRESSACEAE<br>ALERCE, CYPRESSES  |
| 568 | <i>Fitzroyacupressoides</i>  |
| 569 | <i>Pilgerodendronuviferum</i>  |
|     | CYCADACEAE<br>CYCADS   |
| 570 | <i>Cycas beddomei</i>  |
|     | EUPHORBIACEAE<br>SPURGES   |
| 571 | <i>Euphorbia ambovombensis</i>   |
| 572 | <i>Euphorbia capsaintemariensis</i>  |
| 573 | <i>Euphorbia cremersii</i> (Includes the forma <i>viridifolia</i> and the variety <i>rakotozafyi</i> .)              |
| 574 | <i>Euphorbia cylindrifolia</i> (Includes the subspecies <i>tuberifera</i> .)   |
| 575 | <i>Euphorbia decaryi</i> (Includes the varieties <i>ampanihyensis</i> , <i>robinsonii</i> and <i>spirosticha</i> .)  |
| 576 | <i>Euphorbia francoisii</i>  |
| 577 | <i>Euphorbia moratii</i> (Includes the varieties <i>antsingiensis</i> , <i>bemarahensis</i> and <i>multiflora</i> .) |
| 578 | <i>Euphorbia parvicyathophora</i>  |
| 579 | <i>Euphorbia quartziticola</i>   |
| 580 | <i>Euphorbia tulearensis</i>   |
|     | FOUQUIERIAACEAE<br>OCOTILLOS   |
| 581 | <i>Fouquieria fasciculata</i>  |
| 582 | <i>Fouquieria purpusii</i>   |
|     | LEGUMINOSAE<br>(FABACEAE) AFRORMOSIA,<br>CRISTOBAL, PALISANDER,<br>ROSEWOOD, SANDALWOOD                              |
| 583 | <i>Dalbergia nigra</i>   |
|     | LILIACEAE<br>ALOES   |
| 584 | <i>Aloe albida</i>   |
| 585 | <i>Aloe albiflora</i>  |
| 586 | <i>Aloe alfredii</i>   |
| 587 | <i>Aloe bakeri</i>   |
| 588 | <i>Aloe bellatula</i>  |
| 589 | <i>Aloe calcairophila</i>  |
| 590 | <i>Aloe compressa</i> (Includes the varieties  |

|     |  |
|-----|--|
|     | <i>paucituberculata, rugosquamosa and schistophila.)</i>   |
| 591 | <i>Aloe delphinensis</i>   |
| 592 | <i>Aloe descoingsii</i>  |
| 593 | <i>Aloe fragilis</i>   |
| 594 | <i>Aloe haworthioides</i> (Includes the variety <i>aurantiaca</i> .)   |
| 595 | <i>Aloe helenae</i>  |
| 596 | <i>Aloe laeta</i> (Includes the variety <i>maniaensis</i> .)   |
| 597 | <i>Aloe parallelifolia</i>   |
| 598 | <i>Aloe parvula</i>  |
| 599 | <i>Aloe pillansii</i>  |
| 600 | <i>Aloe polyphylla</i>   |
| 601 | <i>Aloe rauhii</i>   |
| 602 | <i>Aloe suzannae</i>   |
| 603 | <i>Aloe versicolor</i>   |
| 604 | <i>Aloe vossii</i>   |
|     | NEPENTHACEAE<br>PITCHER-PLANTS<br>(OLD WORLD)  |
| 605 | <i>Nepenthes khasiana</i>  |
| 606 | <i>Nepenthes rajah</i>   |
|     | ORCHIDACEAE<br>ORCHIDS   |
| 607 | For all of the following Appendix I species, seedling or tissue cultures obtained <i>in vitro</i> , in solid or liquid media, and transported in sterile containers are not subject to the provisions of the Convention only if the specimens meet the definition of 'artificially propagated' agreed by the Conference of the Parties |
| 608 | <i>Aerangisellisii</i>   |
| 609 | <i>Cattleya jongheana</i>  |
| 610 | <i>Cattleya lobata</i>   |
| 611 | <i>Dendrobium cruentum</i>   |
| 612 | <i>Mexipedium xerophyticum</i>   |
| 613 | <i>Paphiopedilum</i> spp.  |
| 614 | <i>Peristeria elata</i>  |
| 615 | <i>Phragmipedium</i> spp.  |
| 616 | <i>Renanthera imschootiana</i>   |
|     | PALMAE<br>(ARECACEAE) PALMS  |
| 617 | <i>Dypsis decipiens</i>  |
|     | PINACEAE<br>FIRS AND PINES   |
| 618 | <i>Abies guatemalensis</i>   |
|     | PODOCARPACEAE<br>PODOCARPS   |
| 619 | <i>Podocarpus parlatorei</i>   |

|     |                |   |
|-----|----------------|---|
|     | RUBIACEAE      |   |
|     | AYUGUE         |   |
| 620 |                | <i>Balmeastormia</i>                            |
|     | SARRACENIACEAE |   |
|     | PITCHER-PLANTS |   |
|     | (NEW WORLD)    |   |
| 621 |                | <i>Sarracenia oreophila</i>                     |
| 622 |                | <i>Sarracenia rubra</i> ssp. <i>alabamensis</i> |
| 623 |                | <i>Sarracenia rubra</i> ssp. <i>jonesii</i>     |
|     | STANGERIACEAE  |   |
|     | STANGERIAS     |   |
| 624 |                | <i>Stangeriaeriopus</i>                         |
|     | ZAMIACEAE      |   |
|     | CYCADS         |   |
| 625 |                | <i>Ceratozamia</i> spp.                         |
| 626 |                | <i>Encephalartos</i> spp.                       |
| 627 |                | <i>Microcycascalocoma</i>                       |
| 628 |                | <i>Zamia restrepoi</i>                          |

## APPENDIX II

|    |                    |  |
|----|--------------------|--|
|    | FAUNA (ANIMALS)    |  |
|    | PHYLUM CHORDATA    |  |
|    | CLASS              |  |
|    | MAMMALIA (MAMMALS) |  |
|    | Bovidae            |  |
|    | Antelopes, cattle, |  |
|    | duikers, gazelles, |  |
|    | goats, sheep, etc. |  |
| 1  |                    | <i>Ammotragus lervia</i>   |
| 2  |                    | <i>Budorcastaxicolor</i>   |
| 3  |                    | <i>Capra caucasica</i>   |
| 4  |                    | <i>Cephalophus brookei</i>   |
| 5  |                    | <i>Cephalophus dorsalis</i>  |
| 6  |                    | <i>Cephalophus gilbyi</i>  |
| 7  |                    | <i>Cephalophus silvicultor</i>   |
| 8  |                    | <i>Cephalophus zebra</i>   |
| 9  |                    | <i>Damaliscus pygargus pygargus</i>  |
| 10 |                    | <i>Kobus leche</i>   |
| 11 |                    | <i>Ovis ammon</i>  |
| 12 |                    | <i>Ovis arabica</i>  |
| 13 |                    | <i>Ovis bochariensis</i>   |
| 14 |                    | <i>Ovis canadensis</i> (Only the population of Mexico; no other population is included in the Appendices.) |
| 15 |                    | <i>Ovis collium</i>  |
| 16 |                    | <i>Ovis cycloceros</i>   |
| 17 |                    | <i>Ovis darwini</i>  |

|    |                                |  |
|----|--------------------------------|--|
| 18 |                                | <i>Ovis jubata</i>   |
| 19 |                                | <i>Ovis karelini</i>   |
| 20 |                                | <i>Ovis polii</i>  |
| 21 |                                | <i>Ovis punjabiensis</i>   |
| 22 |                                | <i>Ovis severtzovi</i>   |
| 23 |                                | <i>Philantombamonticola</i>  |
| 24 |                                | <i>Rupicapra pyrenaicaornata</i>   |
| 25 |                                | <i>Saiga borealis</i> (A zero export quota for wild specimens traded for commercial purposes)  |
| 26 |                                | <i>Saiga tatarica</i> (A zero export quota for wild specimens traded for commercial purposes)  |
|    | Camelidae                      |  |
|    | Camels, guanacos, vicunas      |  |
| 27 |                                | <i>Lama guanicoe</i>   |
| 28 |                                | <i>Vicugna vicugna</i> [Only the populations of Argentina (the populations of the Provinces of Jujuy, Catamarca and Salta, and the semi-captive populations of the Provinces of Jujuy, Salta, Catamarca, La Rioja and San Juan), Chile (populations of the region of Tarapacá and of the region of Arica and Parinacota), Ecuador (the whole population), Peru (the whole population) and the Plurinational State of Bolivia (the whole population); all other populations are included in Appendix I] |
|    | Cervidae                       |  |
|    | Deer, huemuls, muntjacs, pudus |  |
| 31 |                                | <i>Cervus elaphus bactrianus</i>   |
| 32 |                                | <i>Pudumephistophiles</i>  |
|    | Giraffidae                     |  |
|    | Giraffes                       |  |
| 33 |                                | <i>Giraffa camelopardalis</i>  |
|    | Hippopotamidae                 |  |
|    | Hippopotamuses                 |  |
| 34 |                                | <i>Hexaprotodonliberiensis</i>   |
| 35 |                                | <i>Hippopotamus amphibius</i>  |
|    | Moschidae                      |  |
|    | Musk deer                      |  |
| 36 |                                | <i>Moschus</i> spp. (Except the populations of Afghanistan, Bhutan, India, Myanmar, Nepal and Pakistan, which are included in Appendix I.)   |
|    | Tayassuidae                    |  |
|    | Peccaries                      |  |
| 37 |                                | <i>Tayassuidae</i> spp. (Except the species included in Appendix I and the populations of Pecari tajacu of Mexico and the United States of America, which are not included in the Appendices)  |
|    | CARNIVORA                      |  |
|    | Canidae                        |  |
|    | Dogs, foxes, wolves            |  |

|    |   |
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| 38 | <i>Canis lupus</i> (Except the populations of Bhutan, India, Nepal and Pakistan, which are included in Appendix I. Excludes the domesticated form and the dingo which are referenced as <i>Canis lupus familiaris</i> and <i>Canis lupus dingo</i> , respectively, which are not subject to the provisions of the Convention)   |
| 39 | <i>Cerdocyonthous</i>   |
| 40 | <i>Chrysocyonbrachyurus</i>   |
| 41 | <i>Cuonalpinus</i>  |
| 42 | <i>Lycalopexculpaeus</i>  |
| 43 | <i>Lycalopexfulvipes</i>  |
| 44 | <i>Lycalopex griseus</i>  |
| 45 | <i>Lycalopexgymnocercus</i>   |
| 46 | <i>Vulpes cana</i>  |
| 47 | <i>Vulpes zerda</i>   |
|    | Eupleridae<br>Fossa, falanouc,<br>Malagasy civets   |
| 48 | <i>Cryptoprocta ferox</i>   |
| 49 | <i>Eupleresgoudotii</i>   |
| 50 | <i>Fossa fossana</i>  |
|    | Felidae<br>Cats   |
| 51 | <i>Felidae</i> spp. [Except the species included in Appendix I. Excludes specimens of the domesticated form, which are not subject to the provisions of the Convention. For <i>Panthera leo</i> (African populations): a zero annual export quota is established for specimens of bones, bone pieces, bone products, claws, skeletons, skulls and teeth removed from the wild and traded for commercial purposes. Annual export quotas for trade in bones, bone pieces, bone products, claws, skeletons, skulls and teeth for commercial purposes, derived from captive breeding operations in South Africa, will be established and communicated annually to the CITES Secretariat.] |
|    | Mephitidae<br>Skunks  |
| 52 | <i>Conepatushumboldtii</i>  |
|    | Lutrinae<br>Otters  |

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|----|---|
| 53 | <i>Lutrinae</i> spp. ( Except the species included in Appendix I)   |
|    | Otariidae<br>Fur seals, sealions  |
| 54 | <i>Arctocephalus</i> spp. ( Except the species included in Appendix I)  |
|    | Phocidae<br>Seals   |
| 55 | <i>Mirounga leonina</i>   |
|    | Ursidae<br>Bears, giant pandas  |
| 56 | <i>Ursidae</i> spp. ( Except the species included in Appendix I)  |
|    | Viverridae<br>Binturong, civets,<br>linsangs, otter-civet,<br>palm civets   |
| 57 | <i>Cynogalebennettii</i>  |
| 58 | <i>Hemigalusderbyanus</i>   |
| 59 | <i>Prionodon linsang</i>  |
|    | CETACEA<br>Dolphins, porpoises,<br>whales   |
| 60 | CETACEA SPP. (EXCEPT FOR THE SPECIES INCLUDED IN APPENDIX I. A ZERO ANNUAL EXPORT QUOTA HAS BEEN ESTABLISHED FOR LIVE SPECIMENS FROM THE BLACK SEA POPULATION OF <i>TURSIOPS TRUNCATUS</i> REMOVED FROM THE WILD AND TRADED FOR PRIMARILY COMMERCIAL PURPOSES.) |
|    | CHIROPTERA<br>Pteropodidae<br>Fruit bats, flying foxes  |
| 61 | <i>Acerodon</i> spp. ( Except the species included in Appendix I)   |
| 62 | <i>Pteropus</i> spp. ( Except the species included in Appendix I)   |
|    | CINGULATA<br>Dasypodidae<br>Armadillos  |
| 63 | <i>Chaetophractusnationi</i> (A zero annual export quota has been established. All specimens shall be deemed to be specimens of species included in Appendix I and the trade in them shall be regulated accordingly.)   |
|    | DIPROTODONTIA<br>Macropodidae<br>Kangaroos, wallabies   |
| 64 | <i>Dendrolagus inustus</i>  |
| 65 | <i>Dendrolagus ursinus</i>  |
|    | Phalangeridae<br>Cuscuses   |
| 66 | <i>Phalanger intercastellanus</i>   |
| 67 | <i>Phalanger mimicus</i>  |

|    |  |
|----|--|
| 68 | <i>Phalanger orientalis</i>  |
| 69 | <i>Spilocuscuskraemeri</i>   |
| 70 | <i>Spilocuscus maculatus</i>   |
| 71 | <i>Spilocuscuspapuensis</i>  |
|    | MONOTREMATA  |
|    | Tachyglossidae   |
|    | Echidnas,<br>spiny anteaters   |
| 72 | <i>Zaglossus</i> spp.  |
|    | PERISSODACTYLA   |
|    | Equidae  |
|    | Horses, wild asses,<br>zebras  |
| 73 | <i>Equus hemionus</i> ( Except the species included in Appendix I)   |
| 74 | <i>Equus kiang</i>   |
| 75 | <i>Equus zebra hartmannae</i>  |
| 76 | <i>Equus zebra zebra</i>   |
|    | Rhinocerotidae   |
|    | Rhinoceroses   |
| 77 | <i>Ceratotherium simum simum</i> (Only the populations of Eswatini and South Africa; all other populations are included in Appendix I. For the exclusive purpose of allowing international trade in live animals to appropriate and acceptable destinations and hunting trophies. All other specimens shall be deemed to be specimens of species included in Appendix I and the trade in them shall be regulated accordingly.) |
|    | Tapiridae  |
|    | Tapirs   |
| 78 | <i>Tapirus terrestris</i>  |
|    | PHOLIDOTA  |
|    | Manidae  |
|    | Pangolins  |
| 79 | <i>Manis</i> spp. ( Except the species included in Appendix I)   |
|    | PILOSA   |
|    | Bradypodidae   |
|    | Three-toed sloths  |
| 80 | <i>Bradypus pygmaeus</i>   |
| 81 | <i>Bradypus variegatus</i>   |
|    | Myrmecophagidae  |
|    | American anteaters   |
| 82 | <i>Myrmecophaga tridactyla</i>   |
|    | PRIMATES   |
|    | Apes, monkeys  |
| 83 | PRIMATES SPP. (EXCEPT THE SPECIES INCLUDED IN APPENDIX I)  |
|    | PROBOSCIDEA  |
|    | Elephantidae   |
|    | Elephants  |
| 84 | <i>Loxodonta africana</i> x <sup>2</sup> (Only the populations of Botswana,  |



Namibia, South Africa and Zimbabwe; all other populations are included in Appendix I)

|                                     |   |
|-------------------------------------|---|
| RODENTIA                            |   |
| Muridae                             |   |
| Mice, rats                          |   |
| 85                                  | <i>Leporillus conditor</i>  |
| 86                                  | <i>Pseudomys fieldi</i>   |
| 87                                  | <i>Xeromys myoides</i>  |
| 88                                  | <i>Zyomys pedunculatus</i>  |
| Sciuridae                           |   |
| Ground squirrels,<br>tree squirrels |   |
| 89                                  | <i>Ratufa</i> spp.  |
| SCANDENTIA                          |   |
| Tree shrews                         |   |
| 90                                  | SCANDENTIA SPP.   |
| CLASS                               |   |
| AVES                                |   |
| ANSERIFORMES                        |   |
| Anatidae                            |   |
| Ducks, geese, swans, etc.           |   |
| 91                                  | <i>Anas bernieri</i>  |
| 92                                  | <i>Anas formosa</i>   |
| 93                                  | <i>Branta ruficollis</i>  |
| 94                                  | <i>Coscorobacoscoroba</i>   |
| 95                                  | <i>Cygnus melancoryphus</i>   |
| 96                                  | <i>Dendrocygna arborea</i>  |
| 97                                  | <i>Oxyuraleucocephala</i>   |
| 98                                  | <i>Sarkidiornis melanotos</i>                                       |
| APODIFORMES                         |   |
| Trochilidae                         |   |
| Hummingbirds                        |   |
| 99                                  | <i>Trochilidae</i> spp. (Except the species included in Appendix I) |
| CICONIIFORMES                       |   |
| Balaenicipitidae                    |   |
| Shoebills, whale-headed storks      |   |
| 100                                 | <i>Balaeniceps rex</i>  |
| Ciconiidae                          |   |
| Storks                              |   |
| 101                                 | <i>Ciconia nigra</i>  |
| Phoenicopteridae                    |   |
| Flamingos                           |   |
| 102                                 | <i>Phoenicopteridae</i> spp.  |
| Threskiornithidae                   |   |
| Ibises, spoonbills                  |   |
| 103                                 | <i>Eudocimus ruber</i>  |
| 104                                 | <i>Geronticus calvus</i>  |

|     |                      |   |
|-----|----------------------|---|
| 105 |                      | <i>Platalealeucorodia</i>   |
|     | COLUMBIFORMES        |   |
|     | Columbidae           |   |
|     | Doves, pigeons       |   |
| 106 |                      | <i>Gallicolumbaluzonica</i>   |
| 107 |                      | <i>Goura</i> spp.   |
|     | CORACIIFORMES        |   |
|     | Bucerotidae          |   |
|     | Hornbills            |   |
| 108 |                      | <i>Aceros</i> spp. (Except the species included in Appendix I)  |
| 109 |                      | <i>Anorrhinus</i> spp.  |
| 110 |                      | <i>Anthracoceros</i> spp.   |
| 111 |                      | <i>Berenicornis</i> spp.  |
| 112 |                      | <i>Buceros</i> spp. (Except the species included in Appendix I)   |
| 113 |                      | <i>Penelopides</i> spp.   |
| 114 |                      | <i>Rhyticeros</i> spp. (Except the species included in Appendix I)  |
|     | CUCULIFORMES         |   |
|     | Musophagidae         |   |
|     | Turacos              |   |
| 115 |                      | <i>Tauraco</i> spp.   |
|     | FALCONIFORMES        |   |
|     | Eagles, falcons,     |   |
|     | hawks, vultures      |   |
| 116 |                      | FALCONIFORMES SPP. (EXCEPT CARACARA LUTOSA AND THE SPECIES OF THE FAMILY CATHARTIDAE, WHICH ARE NOT INCLUDED IN THE APPENDICES; AND THE SPECIES INCLUDED IN APPENDICES I AND III) |
|     | GALLIFORMES          |   |
|     | Phasianidae          |   |
|     | Grouse, guineafowl,  |   |
|     | partridges, peafowl, |   |
|     | pheasants, tragopans |   |
| 117 |                      | <i>Argusianus argus</i>   |
| 118 |                      | <i>Gallus sonneratii</i>  |
| 119 |                      | <i>Ithaginis cruentus</i>   |
| 120 |                      | <i>Pavonuticus</i>  |
| 121 |                      | <i>Polyplectron bicalcaratum</i>  |
| 122 |                      | <i>Polyplectron germaini</i>  |
| 123 |                      | <i>Polyplectron malacense</i>   |
| 124 |                      | <i>Polyplectron schleiermacheri</i>   |
| 125 |                      | <i>Syrnaticus reevesii</i>  |
| 126 |                      | <i>Tympanuchus cupido attwateri</i>   |
|     | GRUIFORMES           |   |
|     | Gruidae              |   |
|     | Cranes               |   |
| 127 |                      | <i>Gruidae</i> spp. (Except the species included in Appendix I)   |
|     | Otididae             |   |
|     | Bustards             |   |

|     |                       |  |
|-----|-----------------------|--|
| 128 |                       | <i>Otididae</i> spp. (Except the species included in Appendix I) |
|     | PASSERIFORMES         |  |
|     | Cotingidae            |  |
|     | Cotingas              |  |
| 129 |                       | <i>Rupicola</i> spp.   |
|     | Emberizidae           |  |
|     | Cardinals, tanagers   |  |
| 130 |                       | <i>Gubernatrix cristata</i>                                      |
| 131 |                       | <i>Paroaria capitata</i>   |
| 132 |                       | <i>Paroariacoronata</i>  |
| 133 |                       | <i>Tangarafastuosa</i>   |
|     | Estrildidae           |  |
|     | Mannikins, waxbills   |  |
| 134 |                       | <i>Amandavaformosa</i>   |
| 135 |                       | <i>Lonchuraoryzivora</i>   |
| 136 |                       | <i>Poephila cinctacincta</i>                                     |
|     | Fringillidae          |  |
|     | Finches               |  |
| 137 |                       | <i>Carduelis yarrellii</i>                                       |
|     | Meliphagidae          |  |
|     | Honeyeaters           |  |
| 138 |                       | <i>Lichenostomusmelanopscassidix</i>                             |
|     | Muscicapidae          |  |
|     | Old-world flycatchers |  |
| 139 |                       | <i>Cyornisruckii</i>   |
| 140 |                       | <i>Dasyornisbroadbentilitoralis</i>                              |
| 141 |                       | <i>Dasyornislongirostris</i>                                     |
| 142 |                       | <i>Garrulaxcanorus</i>   |
| 143 |                       | <i>Garrulaxtaewanus</i>  |
| 144 |                       | <i>Leiothrixargentauris</i>                                      |
| 145 |                       | <i>Leiothrix lutea</i>   |
| 146 |                       | <i>Liocichlaomeiensis</i>  |
|     | Paradisaeidae         |  |
|     | Birds of paradise     |  |
| 147 |                       | <i>Paradisaeidae</i> spp.  |
|     | Paridae               |  |
|     | Tits                  |  |
|     | Pittidae              |  |
|     | Pittas                |  |
| 148 |                       | <i>Pitta guajana</i>   |
| 149 |                       | <i>Pitta nympa</i>   |
|     | Pycnonotidae          |  |
|     | Bulbuls               |  |
| 150 |                       | <i>Pycnonotuszeylanicus</i>                                      |
|     | Sturnidae             |  |
|     | Mynas, starlings      |  |
| 151 |                       | <i>Gracula religiosa</i>   |
|     | PICIFORMES            |  |

|     |                                    |  |
|-----|------------------------------------|--|
|     | Ramphastidae                       |  |
|     | Toucans                            |  |
| 152 |                                    | <i>Pteroglossus aracari</i>  |
| 153 |                                    | <i>Pteroglossusviridis</i>   |
| 154 |                                    | <i>Ramphastossulfuratus</i>  |
| 155 |                                    | <i>Ramphastos toco</i>   |
| 156 |                                    | <i>Ramphastostucanus</i>   |
| 157 |                                    | <i>Ramphastosvitellinus</i>  |
|     | PSITTACIFORMES                     |  |
| 158 |                                    | PSITTACIFORMES SPP. (EXCEPT FOR THE SPECIES INCLUDED IN APPENDIX I AND <i>AGAPORNIS ROSEICOLLIS</i> , <i>MELOPSITTACUS UNDULATUS</i> , <i>NYMPHICUS HOLLANDICUS</i> AND <i>PSITTACULA KRAMERI</i> , WHICH ARE NOT INCLUDED IN THE APPENDICES.) |
|     | RHEIFORMES                         |  |
|     | Rheidae                            |  |
|     | Rheas                              |  |
| 159 |                                    | <i>Pterocnemia pennata pennata</i>   |
| 160 |                                    | <i>Rhea americana</i>  |
|     | SPHENISCIFORMES                    |  |
|     | Spheniscidae                       |  |
|     | Penguins                           |  |
| 161 |                                    | <i>Spheniscus demersus</i>   |
|     | STRIGIFORMES                       |  |
|     | Owls                               |  |
| 162 |                                    | <i>STRIGIFORMES</i> SPP. (EXCEPT <i>SCELOGLAUX ALBIFACIES</i> AND THE SPECIES INCLUDED IN APPENDIX I.)   |
|     | CLASS                              |  |
|     | REPTILIA                           |  |
|     | CROCODYLIA                         |  |
|     | Alligators, caimans,<br>crocodiles |  |
| 163 |                                    | CROCODYLIA SPP. (EXCEPT THE SPECIES INCLUDED IN APPENDIX I)  |
|     | SAURIA                             |  |
|     | Agamidae                           |  |
|     | Spiny-tailed lizards,<br>agamas    |  |
| 164 |                                    | <i>Ceratophora aspera</i> (Zero export quota for wild specimens for commercial purposes)   |
| 165 |                                    | <i>Ceratophorastoddartii</i> (Zero export quota for wild specimens for commercial purposes)  |
| 166 |                                    | <i>Lyriocephalusscutatus</i> (Zero export quota for wild specimens for commercial purposes)  |
| 167 |                                    | <i>Saara</i> spp.  |
| 168 |                                    | <i>Uromastyx</i> spp.  |
|     | Anguidae                           |  |
|     | Alligator lizards                  |  |

|     |   |   |
|-----|---|---|
| 169 |   | <i>Abronia</i> spp. (Except the species included in Appendix I. Zero export quota for wild specimens for <i>Abronia aurita</i> , <i>A. gaiophasma</i> , <i>A. montecristoi</i> , <i>A. salvadorensis</i> and <i>A. vasconcelosii</i> .) |
|     | Chamaeleonidae<br>Chameleons                    |   |
| 170 |   | <i>Archaius</i> spp.  |
| 171 |   | <i>Bradypodion</i> spp.   |
| 172 |   | <i>Brookesia</i> spp. (Except the species included in Appendix I)   |
| 173 |   | <i>Calumma</i> spp.   |
| 174 |   | <i>Chamaeleo</i> spp.   |
| 175 |   | <i>Furcifer</i> spp.  |
| 176 |   | <i>Kinyongia</i> spp.   |
| 177 |   | <i>Nadzikambia</i> spp.   |
| 178 |   | <i>Palleon</i> spp.   |
| 179 |   | <i>Rhampholeon</i> spp.   |
| 180 |   | <i>Rieppeleon</i> spp.  |
| 181 |   | <i>Trioceros</i> spp.   |
|     | Cordylidae<br>Spiny-tailed lizards              |   |
| 182 |   | <i>Cordylus</i> spp.  |
| 183 |   | <i>Hemicordylus</i> spp.  |
| 184 |   | <i>Karusaurus</i> spp.  |
| 185 |   | <i>Namazonurus</i> spp.   |
| 186 |   | <i>Ninurta</i> spp.   |
| 187 |   | <i>Ouroborus</i> spp.   |
| 188 |   | <i>Pseudocordylus</i> spp.  |
| 189 |   | <i>Smaug</i> spp.   |
|     | Eublepharidae<br>Eyelid geckos                  |   |
| 190 |   | <i>Goniurosaurus</i> spp. (Except the species native to Japan)  |
|     | Gekkonidae<br>Geckos                            |   |
| 191 |   | <i>Gekko gecko</i>  |
| 192 |   | <i>Nactusserpensinsula</i>  |
| 193 |   | <i>Naultinus</i> spp.   |
| 194 |   | <i>Paroeduraandroyensis</i>   |
| 195 |   | <i>Paroeduramasobe</i>  |
| 196 |   | <i>Phelsuma</i> spp.  |
| 197 |   | <i>Rhoptropella</i> spp.  |
| 198 |   | <i>Uroplatus</i> spp.   |
|     | Helodermatidae<br>Beaded lizards, Gila monsters |   |
| 199 |   | <i>Heloderma</i> spp. (Except the subspecies included in Appendix I)  |

|     |  |   |
|-----|--|---|
|     | Iguanidae                                      |   |
|     | Iguanas  |   |
| 200 |  | <i>Amblyrhynchus cristatus</i>  |
| 201 |  | <i>Conolophus</i> spp.  |
| 202 |  | <i>Ctenosaura</i> spp.  |
| 203 |  | <i>Iguana</i> spp.  |
| 204 |  | <i>Phrynosoma blainvillii</i>   |
| 205 |  | <i>Phrynosoma cerroense</i>   |
| 206 |  | <i>Phrynosoma coronatum</i>   |
| 207 |  | <i>Phrynosoma wigginsi</i>  |
|     | Lacertidae                                     |   |
|     | Lizards  |   |
| 208 |  | <i>Podarcis lilfordi</i>  |
| 209 |  | <i>Podarcis pityusensis</i>   |
|     | Lanthanotidae                                  |   |
|     | Earless monitor lizards                        |   |
| 210 |  | <i>Lanthanotidae</i> spp. (Zero export quota for wild specimens for commercial purposes.) |
|     | Polychrotidae                                  |   |
|     | Anoles   |   |
|     | Scincidae                                      |   |
|     | Skinks   |   |
| 211 |  | <i>Corucia zebrata</i>  |
|     | Teiidae  |   |
|     | Caiman lizards,<br>tegu lizards                |   |
| 212 |  | <i>Crocodilurus amazonicus</i>  |
| 213 |  | <i>Dracaena</i> spp.  |
| 214 |  | <i>Salvator</i> spp.  |
| 215 |  | <i>Tupinambis</i> spp.  |
|     | Varanidae                                      |   |
|     | Monitor lizards                                |   |
| 216 |  | <i>Varanus</i> spp. (Except the species included in Appendix I)                           |
|     | SERPENTES                                      |   |
|     | Boidae   |   |
|     | Boas   |   |
| 217 |  | <i>Boidae</i> spp. (Except the species included in Appendix I)                            |
|     | Bolyeriidae                                    |   |
|     | Round Island boas                              |   |
| 218 |  | <i>Bolyeriidae</i> spp. (Except the species included in Appendix I)                       |
|     | Colubridae                                     |   |
|     | Typical snakes,<br>water snakes,<br>whipsnakes |   |
| 219 |  | <i>Clelia clelia</i>  |

|     |  |
|-----|--|
| 220 | <i>Cyclagras gigas</i>   |
| 221 | <i>Elachistodonwestermanni</i>   |
| 222 | <i>Ptyasmucosus</i>  |
|     | Elapidae   |
|     | Cobras, coral snakes   |
| 223 | <i>Hoplocephalusbungaroides</i>  |
| 224 | <i>Najaatra</i>  |
| 225 | <i>Najakaouthia</i>  |
| 226 | <i>Najamandalayensis</i>   |
| 227 | <i>Najanaja</i>  |
| 228 | <i>Najaoxiana</i>  |
| 229 | <i>Najaphilippinensis</i>  |
| 230 | <i>Najasagittifera</i>   |
| 231 | <i>Najasamarensis</i>  |
| 232 | <i>Najasiamensis</i>   |
| 233 | <i>Najasputatrix</i>   |
| 234 | <i>Najasumatrana</i>   |
| 235 | <i>Ophiophagus hannah</i>  |
|     | Loxocemidae  |
|     | Mexican dwarf boas   |
| 236 | <i>Loxocemidae</i> spp.  |
|     | Pythonidae   |
|     | Pythons  |
| 237 | <i>Pythonidae</i> spp. (Except the species included in Appendix I)       |
|     | Tropidophiidae   |
|     | Wood boas  |
| 238 | <i>Tropidophiidae</i> spp.   |
|     | Viperidae  |
|     | Vipers   |
| 239 | <i>Atherisdesaixi</i>  |
| 240 | <i>Bitis worthingtoni</i>  |
| 241 | <i>Pseudocerastesurarachnoides</i>                                       |
| 242 | <i>Trimeresurusmangshanensis</i>   |
| 243 | <i>Viperawagneri</i>   |
|     | TESTUDINES   |
|     | Carettochelyidae   |
|     | Pig-nosed turtles  |
| 244 | <i>Carettochelysinsculpta</i>  |
|     | Chelidae   |
|     | Austro-American  |
|     | sideneck turtles   |
| 245 | <i>Chelodinamccordi</i> (Zero export quota for specimens from the wild.) |
|     | Dermatemydidae   |
|     | Central American   |
|     | river turtles  |
| 246 | <i>Dermatemysmawii</i>   |

Emydidae  
Box turtles,  
freshwater turtles

|   |   |
|---|---|
| 247   | <i>Clemmys guttata</i>  |
| 248   | <i>Emydoideablandingii</i>  |
| 249   | <i>Glyptemysinsculpta</i>   |
| 250   | <i>Malaclemys terrapin</i>  |
| 251   | <i>Terrapene</i> spp. (Except the species included in Appendix I)   |
| Geoemydidae<br>Box turtles,<br>freshwater turtles |   |
| 252   | <i>Batagurborneoensis</i> (Zero quota for wild specimens for commercial purposes.)  |
| 253   | <i>Batagurdhongoka</i>  |
| 254   | <i>Batagurkachuga</i>   |
| 255   | <i>Batagurtrivittata</i> (Zero quota for wild specimens for commercial purposes.)   |
| 256   | <i>Cuora</i> spp. (Except the species included in Appendix I; zero quota for wild specimens for commercial purposes for <i>Cuoraaurocapitata</i> , <i>C. flavomarginata</i> , <i>C. galbinifrons</i> , <i>C. mccordi</i> , <i>C. mouhotii</i> , <i>C. pani</i> , <i>C. trifasciata</i> , <i>C. yunnanensis</i> and <i>C. zhoui</i> .) |
| 257   | <i>Cyclemys</i> spp.  |
| 258   | <i>Geoemyda japonica</i>  |
| 259   | <i>Geoemydaspengleri</i>  |
| 260   | <i>Hardellathurjii</i>  |
| 261   | <i>Heosemysannandalii</i> (Zero quota for wild specimens for commercial purposes.)  |
| 262   | <i>Heosemysdepressa</i> (Zero quota for wild specimens for commercial purposes.)  |
| 263   | <i>Heosemys grandis</i>   |
| 264   | <i>Heosemys spinosa</i>   |
| 265   | <i>Leucocephalonyuwonoi</i>   |
| 266   | <i>Malayemysmacrocephala</i>  |
| 267   | <i>Malayemyssubtrijuga</i>  |
| 268   | <i>Mauremys japonica</i>  |
| 269   | <i>Mauremysmutica</i>   |
| 270   | <i>Mauremys nigricans</i>   |
| 271   | <i>Melanochelystrijuga</i>  |
| 272   | <i>Moreniapetersi</i>   |
| 273   | <i>Notochelysplatynota</i>  |
| 274   | <i>Orlitiaborneensis</i> (Zero quota for wild specimens for commercial purposes.)   |
| 275   | <i>Pangshura</i> spp. (Except the species included in Appendix I)   |
| 276   | <i>Sacaliabealei</i>  |



|     |  |
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| 277 | <i>Sacaliaquadriocellata</i>   |
| 278 | <i>Siebenrockiellacrassicollis</i>   |
| 279 | <i>Siebenrockiellaleytensis</i>  |
| 280 | <i>Vijayachelyssilvatica</i>   |
|     | Podocnemididae   |
|     | Afro-American<br>sideneck turtles  |
| 281 | <i>Erymnochelysmadagascariensis</i>  |
| 282 | <i>Peltocephalusdumerilianus</i>   |
| 283 | <i>Podocnemis</i> spp.   |
|     | Testudinidae   |
|     | Tortoises  |
| 284 | <i>Testudinidae</i> spp. (Except for the species included in Appendix I. A zero annual export quota has been established for <i>Centrochelyssulcata</i> for specimens removed from the wild and traded for primarily commercial purposes.) |
|     | Trionychidae   |
|     | Softshell turtles  |
| 285 | <i>Amydacartilaginea</i>   |
| 286 | <i>Chitra</i> spp. (Except the species included in Appendix I.)  |
| 287 | <i>Cyclanorbis elegans</i>   |
| 288 | <i>Cyclanorbis senegalensis</i>  |
| 289 | <i>Cyclodermaaubryi</i>  |
| 290 | <i>Cyclodermafrenatum</i>  |
| 291 | <i>Dogania subplana</i>  |
| 292 | <i>Lissemysceylonensis</i>   |
| 293 | <i>Lissemys punctata</i>   |
| 294 | <i>Lissemyscutata</i>  |
| 295 | <i>Nilssoniaformosa</i>  |
| 296 | <i>Nilssonialeithii</i>  |
| 297 | <i>Palea steindachneri</i>   |
| 298 | <i>Pelochelys</i> spp.   |
| 299 | <i>Pelodiscusaxenaria</i>  |
| 300 | <i>Pelodiscusmaackii</i>   |
| 301 | <i>Pelodiscusparviformis</i>   |
| 302 | <i>Rafetuseuphraticus</i>  |
| 303 | <i>Rafetusswinhoei</i>   |
| 304 | <i>Trionyxtriunguis</i>  |
|     | CLASS  |
|     | AMPHIBIA   |
|     | ANURA  |
|     | Aromobatidae   |
|     | Cryptic forest frogs   |
| 305 | <i>Allobatesfemoralis</i>  |
| 306 | <i>Allobateshodli</i>  |
| 307 | <i>Allobatesmyersi</i>   |

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|-----|--|--|
| 308 |  | <i>Allobateszaparo</i>   |
| 309 |  | <i>Anomaloglossusrufulus</i>   |
|     | Dendrobatidae<br>Poison frogs                              |  |
| 310 |  | <i>Adelphobates</i> spp.   |
| 311 |  | <i>Ameerega</i> spp.   |
| 312 |  | <i>Andinobates</i> spp.  |
| 313 |  | <i>Dendrobates</i> spp.  |
| 314 |  | <i>Epipedobates</i> spp.   |
| 315 |  | <i>Excidobates</i> spp.  |
| 316 |  | <i>Hyloxalusazureiventris</i>  |
| 317 |  | <i>Minyobates</i> spp.   |
| 318 |  | <i>Oophaga</i> spp.  |
| 319 |  | <i>Phyllobates</i> spp.  |
| 320 |  | <i>Ranitomeya</i> spp.   |
|     | Dicroglossidae<br>Frogs                                    |  |
| 321 |  | <i>Euphlyctishexadactylus</i>  |
| 322 |  | <i>Hoplobatrachustigerinus</i>   |
|     | Hylidae<br>Tree frogs                                      |  |
| 323 |  | <i>Agalychnis</i> spp.   |
|     | Mantellidae<br>Mantella frogs                              |  |
| 324 |  | <i>Mantella</i> spp.   |
|     | Microhylidae<br>Tomato frogs                               |  |
| 325 |  | <i>Dyscophusantongilii</i>   |
| 326 |  | <i>Dyscophusguineti</i>  |
| 327 |  | <i>Dyscophusinsularis</i>  |
| 328 |  | <i>Scaphiophryneboribory</i>   |
| 329 |  | <i>Scaphiophrynegottlebei</i>  |
| 330 |  | <i>Scaphiophryne marmorata</i>   |
| 331 |  | <i>Scaphiophryne spinosa</i>   |
|     | Myobatrachidae<br>Gastric-brooding frogs                   |  |
| 332 |  | <i>Rheobatrachus</i> spp. (Except <i>Rheobatrachussilus</i> and <i>Rheobatrachusvitellinus</i> which are not included in the Appendices) |
|     | CAUDATA<br>Ambystomatidae<br>Axolotls, mole<br>salamanders |  |
| 333 |  | <i>Ambystoma dumerilii</i>   |
| 334 |  | <i>Ambystoma mexicanum</i>   |
|     | Salamandridae<br>Newts and salamanders                     |  |

- 335 *Echinotriton chinhaiensis*  
 336 *Echinotriton maxiquadratus*  
 337 *Paramesotriton* spp.  
 338 *Tylotriton* spp.
- CLASS  
 ELASMOBRANCHII  
 (SHARKS)  
 CARCHARHINIFORMES  
 Carcharhinidae  
 Requiem sharks
- 339 *Carcharhinus falciformis*  
 340 *Carcharhinus longimanus*  
 Sphyrnidae  
 Hammerhead sharks
- 341 *Sphyrna lewini*  
 342 *Sphyrna mokarran*  
 343 *Sphyrna zygaena*
- LAMNIFORMES  
 Alopiidae  
 Thresher sharks
- 344 *Alopias* spp.  
 Cetorhinidae  
 Basking sharks
- 345 *Cetorhinus maximus*  
 Lamnidae  
 Mackerel sharks
- 346 *Carcharodon carcharias*  
 347 *Isurus paucus*  
 348 *Isurus paucus*  
 349 *Lamna nasus*
- MYLIOBATIFORMES  
 Myliobatidae  
 Eagle and mobulid rays
- 350 *Manta* spp.  
 351 *Mobula* spp.
- ORECTOLOBIFORMES  
 Rhincodontidae  
 Whale sharks
- 352 *Rhincodon typus*
- RHINOPRISTIFORMES  
 Glaucostegidae  
 Guitarfishes
- 353 *Glaucostegus* spp.  
 Rhinidae  
 Wedgefishes
- 354 *Rhinidae* spp.
- CLASS  
 ACTINOPTERI (FISHES)  
 ACIPENSERIFORMES

- 355 ACIPENSERIFORMES SPP. (EXCEPT THE SPECIES INCLUDED IN APPENDIX I)
- ANGUILLIFORMES  
Anguillidae  
Freshwater eels
- 356 *Anguilla anguilla*
- CYPRINIFORMES  
Cyprinidae  
Carps
- 357 *Caecobarbus geertsii*
- OSTEOGLOSSIFORMES  
Arapaimidae  
Arapaimas
- 358 *Arapaima gigas*
- PERCIFORMES  
Labridae  
Wrasses
- 359 *Cheilinus undulatus*
- Pomacanthidae  
Angelfishes
- 360 *Holacanthus clarionensis*
- SYNGNATHIFORMES  
Syngnathidae  
Pipefishes, seahorses
- 361 *Hippocampus* spp.
- CLASS  
DIPNEUSTI (LUNGFISHES)  
CERATODONTIFORMES  
Neoceratodontidae  
Australian lungfishes
- 362 *Neoceratodus forsteri*
- PHYLUM  
ECHINODERMATA  
CLASS HOLOTHUROIDEA  
(SEA CUCUMBERS)  
HOLOTHURIIDA  
Holothuriidae  
Teatfishes,  
Sea cucumbers
- 363 *Holothuria fuscogilva*
- 364 *Holothuria nobilis*
- 365 *Holothuria whitmaei*
- PHYLUM  
ARTHROPODA  
CLASS ARACHNIDA  
(SCORPIONS AND  
SPIDERS)  
ARANEAE  
Theraphosidae  
Red-kneed tarantulas, tarantulas

- 366 *Aphonopelmaalbiceps*  
 367 *Aphonopelma pallidum*  
 368 *Brachypelma* spp.  
 369 *Poecilotheria* spp.
- SCORPIONES  
 Scorpionidae  
 Scorpions
- 370 *Pandinuscamerounensis*  
 371 *Pandinus dictator*  
 372 *Pandinusgambiensis*  
 373 *Pandinus imperator*  
 374 *Pandinusroeseli*
- CLASS INSECTA  
 (INSECTS)  
 COLEOPTERA  
 Scarabaeidae  
 Scarab beetles
- 375 *Dynastes satanas*
- LEPIDOPTERA  
 Papilionidae  
 Birdwing butterflies,  
 swallowtail butterflies
- 376 *Atrophaneurajophon*  
 377 *Atrophaneurapandiyana*  
 378 *Bhutanitis* spp.  
 379 *Ornithoptera* spp. (Except the species included in Appendix I)  
 380 *Papiliohospiton*  
 381 *Parnassius apollo*  
 382 *Teinopalpus* spp.  
 383 *Trogonoptera* spp.  
 384 *Troides* spp.
- PHYLUM ANNELIDA  
 CLASS HIRUDINOIDEA  
 (LEECHES)  
 ARHYNCHOBDELLIDA  
 Hirudinidae  
 Medicinal leeches
- 385 *Hirudomedicinalis*  
 386 *Hirudoverbana*
- PHYLUM MOLLUSCA  
 CLASS BIVALVIA  
 (CLAMS AND MUSSELS)  
 MYTILOIDA  
 Mytilidae  
 Marine mussels
- 387 *Lithophagalithophaga*
- UNIONOIDA  
 Unionidae

- Freshwater mussels,  
pearly mussels
- 388 *Cyprogeniaaberti*
- 389 *Epioblasmatulosarangiana*
- 390 *Pleurobema clava*
- VENEROIDA  
Tridacnidae  
Giant clams
- 391 *Tridacnidae* spp.
- CLASS  
CEPHALOPODA  
(SQUIDS,  
OCTOPUSES,  
CUTTLEFISH)  
NAUTILIDA  
Nautilidae  
Chambered nautilus
- 392 *Nautilidae* spp.
- CLASS GASTROPODA  
(SNAILS AND  
CONCHES)  
MESOGASTROPODA  
Strombidae  
True conchs
- 393 *Strombus gigas*
- STYLOMMATOPHORA  
Camaenidae  
Green tree snails
- 394 *Papustyla pulcherrima*
- PHYLUM CNIDARIA  
CLASS ANTHOZOA  
(CORALS AND SEA  
ANEMONES)  
ANTIPATHARIA  
Black corals
- 395 *ANTIPATHARIA* SPP.
- HELIOPORACEA  
Helioporidae  
Blue corals
- 396 *Helioporidae* spp. (Includes only the species  
*Helioporacoerulea*. Fossils are not subject to the provisions  
of the Convention)
- SCLERACTINIA  
Stony corals
- 397 *SCLERACTINIA* SPP. (FOSSILS ARE NOT SUBJECT TO THE  
PROVISIONS OF THE CONVENTION)
- STOLONIFERA  
Tubiporidae  
Organ-pipe corals
- 398 *Tubiporidae* spp. (Fossils are not subject to the provisions  
of the Convention)

|     |   |   |
|-----|---|---|
|     | CLASS HYDROZOA<br>(SEA FERNS, FIRE<br>CORALS AND<br>STINGING MEDUSAE)<br>MILLEPORINA<br>Milleporidae<br>Fire corals |   |
| 399 |   | <i>Milleporidae</i> spp. (Fossils are not subject to the provisions of the Convention)                                      |
|     | STYLASTERINA<br>Stylasteridae<br>Lace corals  |   |
| 400 |   | <i>Stylasteridae</i> spp. (Fossils are not subject to the provisions of the Convention)                                     |
|     | FLORA (PLANTS)<br>AGAVACEAE<br>Agaves   |   |
| 401 |   | <i>Agave victoriae-reginae</i> #4   |
| 402 |   | <i>Nolinainterrata</i>  |
| 403 |   | <i>Yucca queretaroensis</i>   |
|     | AMARYLLIDACEAE<br>Snowdrops, sternbergias   |   |
| 404 |   | <i>Galanthus</i> spp. #4  |
| 405 |   | <i>Sternbergia</i> spp. #4  |
|     | ANACARDIACEAE<br>Cashews  |   |
| 406 |   | <i>Operculicaryadecaryi</i>   |
| 407 |   | <i>Operculicaryahyphaenoides</i>  |
| 408 |   | <i>Operculicaryapachypus</i>  |
|     | APOCYNACEAE<br>Elephant trunks, hoodias   |   |
| 409 |   | <i>Hoodia</i> spp. #9   |
| 410 |   | <i>Pachypodium</i> spp. #4 (Except the species included in Appendix I)  |
| 411 |   | <i>Rauvolfia serpentina</i> #2  |
|     | ARALIACEAE<br>Ginseng   |   |
| 412 |   | <i>Panax ginseng</i> #3 (Only the population of the Russian Federation; no other population is included in the Appendices.) |
| 413 |   | <i>Panax quinquefolius</i> #3   |
|     | ASPARAGACEAE<br>Includes ponytail palms   |   |
| 414 |   | <i>Beaucarnea</i> spp.  |
|     | BERBERIDACEAE<br>May-apple  |   |
| 415 |   | <i>Podophyllum hexandrum</i> #2   |
|     | BROMELIACEAE<br>Air plants, bromelias   |   |

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| 416 | Tillandsia harrisii #4   |
| 417 | Tillandsia kammii #4   |
| 418 | Tillandsia xerographica #4   |
|     | CACTACEAE  |
|     | Cacti  |
| 419 | CACTACEAE SPP. 9 #4 (EXCEPT THE SPECIES INCLUDED IN APPENDIX I AND EXCEPT PERESKIA SPP., PERESKIOPSIS SPP. AND QUIABENTIA SPP)   |
|     | CARYOCARACEAE  |
|     | Ajo  |
| 420 | Caryocarcostaricense #4  |
|     | CUCURBITACEAE  |
|     | Melons, gourds, cucurbits  |
| 421 | <i>Zygosicyospubescens</i>   |
| 422 | <i>Zygosicyostripartitus</i>   |
|     | CUPRESSACEAE   |
|     | Alerce, cypresses  |
| 423 | <i>Widdringtoniawhytei</i>   |
|     | CYATHEACEAE  |
|     | Tree-ferns   |
| 424 | Cyathea spp. #4  |
|     | CYCADACEAE   |
|     | Cycads   |
| 425 | CYCADACEAE SPP. #4 (EXCEPT THE SPECIES INCLUDED IN APPENDIX I)   |
|     | DICKSONIACEAE  |
|     | Tree-ferns   |
| 426 | Cibotium barometz #4   |
| 427 | Dicksonia spp. #4 (Only the populations of the Americas; no other population is included in the Appendices)  |
|     | DIDIEREACEAE   |
|     | Alluaudias, didiereas  |
| 428 | DIDIEREACEAE SPP. #4   |
|     | DIOSCOREACEAE  |
|     | Elephant's foot, kniss   |
| 429 | Dioscoreadeltoidea #4  |
|     | DROSERACEAE  |
|     | Venus' flytrap   |
| 430 | Dionaea muscipula #4   |
|     | EBENACEAE  |
|     | Ebonies  |
| 431 | Diospyros spp. #5 (Populations of Madagascar.)   |
|     | EUPHORBIACEAE  |
|     | Spurges  |
| 432 | Euphorbia spp. #4 (Succulent species only except Euphorbia misera and the species included in Appendix I. Artificially propagated specimens of cultivars of Euphorbia trigona, artificially propagated specimens of crested, fanshaped or colour mutants of Euphorbia lactea, when grafted on artificially |



propagated root stock of *Euphorbia neriifolia*, and artificially propagated specimens of cultivars of *Euphorbia 'Mili'* when they are traded in shipments of 100 or more plants and readily recognizable as artificially propagated specimens, are not subject to the provisions of the Convention.)

- FOUQUIERIACEAE  
Ocotillos
- 433 *Fouquieria columnaris* #4
- JUGLANDACEAE  
Gavilan
- 434 *Oreomunnea pterocarpa* #4
- LAURACEAE  
Laurels
- 435 *Anibarasaeodora* #12
- LEGUMINOSAE  
(Fabaceae) Afrormosia,  
cristobal, palisander,  
rosewood, sandalwood
- 436 *Dalbergia* spp. #15 (Except for the species listed in Appendix I)
- 437 *Guibourtiademeusei* #15
- 438 *Guibourtiapellegriniana* #15
- 439 *Guibourtiatessmannii* #15
- 440 *Paubrasiliaechinata* #10
- 441 *Pericopsiselata* #17
- 442 *Platymiscium parviflorum* #4
- 443 *Pterocarpus erinaceus*
- 444 *Pterocarpus santalinus* #7
- 445 *Pterocarpus tinctorius* #6
- 446 *Senna meridionalis*
- LILIACEAE  
Aloes
- 447 *Aloe* spp. #4 (Except the species included in Appendix I. Also excludes *Aloe vera*, also referenced as *Aloe barbadensis* which is not included in the Appendices.)
- MALVACEAE  
Includes baobabs
- 448 *Adansonia grandidieri* #16
- MELIACEAE  
Mahoganies,  
West Indian cedar
- 449 *Cedrela* spp. #6 (Populations of the Neotropics)
- 450 *Swietenia humilis* #4
- 451 *Swietenia macrophylla* #6 (Populations of the Neotropics)
- 452 *Swietenia mahagoni* #5
- NEPENTHACEAE  
Pitcher-plants  
(Old World)

|  |  |
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| 453                                      | Nepenthes spp. #4 (Except the species included in Appendix I)          |
| ORCHIDACEAE                              |  |
| Orchids                                  |  |
| 454                                      | ORCHIDACEAE SPP. 10 #4 (EXCEPT FOR THE SPECIES INCLUDED IN APPENDIX I) |
| OROBANCHACEAE                            |  |
| Broomrapes                               |  |
| 455                                      | Cistanchedeserticola #4  |
| PALMAE                                   |  |
| (Arecaceae) Palms                        |  |
| 456                                      | Beccariophoenixmadagascariensis #4                                     |
| 457                                      | Dypsisdecaryi #4   |
| 458                                      | Lemurophoenixhalleuxii #4  |
| 459                                      | <i>Marojejyadarianii</i>   |
| 460                                      | <i>Ravenealouvelii</i>   |
| 461                                      | <i>Ravenearivularis</i>  |
| 462                                      | <i>Satranaladecussilvae</i>  |
| 463                                      | <i>Voanioala gerardii</i>  |
| PASSIFLORACEAE                           |  |
| Passion-flowers                          |  |
| 464                                      | <i>Adeniafiringalavensis</i>   |
| 465                                      | <i>Adeniaolaboensis</i>  |
| 466                                      | <i>Adeniasubsessilifolia</i>   |
| PEDALIACEAE                              |  |
| Sesames                                  |  |
| 467                                      | <i>Uncarinagrandidieri</i>   |
| 468                                      | <i>Uncarinastellulifera</i>  |
| PORTULACACEAE                            |  |
| Lewisias, portulacas, purslanes          |  |
| 469                                      | Anacampseros spp. #4   |
| 470                                      | Avonia spp. #4   |
| 471                                      | Lewisia serrata #4   |
| PRIMULACEAE                              |  |
| Cyclamens                                |  |
| 472                                      | <i>Cyclamen</i> spp. 11 #4   |
| RANUNCULACEAE                            |  |
| Golden seals, yellow adonis, yellow root |  |
| 473                                      | Adonis vernalis #2   |
| 474                                      | Hydrastis canadensis #8  |
| ROSACEAE                                 |  |
| African cherry, stinkwood                |  |
| 475                                      | Prunus africana #4   |
| SANTALACEAE                              |  |
| Sandalwoods                              |  |

- 476 *Osyris lanceolata* #2 (Populations of Burundi, Ethiopia, Kenya, Rwanda, Uganda and the United Republic of Tanzania.)
- SARRACENIACEAE  
Pitcher-plants  
(New World)
- 477 *Sarracenia* spp. #4 (Except the species included in Appendix I)
- SCROPHULARIACEAE  
Kutki
- 478 *Picrorhizakurrooa* #2 (Excludes *Picrorhizascrophulariiflora*)
- STANGERIACEAE  
Stangerias
- 479 *Bowenia* spp. #4
- TAXACEAE  
Himalayan yew
- 480 *Taxus chinensis* #2 (Includes infraspecific taxa of this species)
- 481 *Taxus cuspidata* 12 #2 (Includes infraspecific taxa of this species)
- 482 *Taxus fuana* #2 (Includes infraspecific taxa of this species.)
- 483 *Taxus sumatrana* #2 (Includes infraspecific taxa of this species.)
- 484 *Taxus wallichiana* #2
- THYMELAEACEAE  
(Aquilariaceae)  
Agarwood, ramin
- 485 *Aquilaria* spp. #14
- 486 *Gonystylus* spp. #4
- 487 *Gyrinops* spp. #14
- VALERIANACEAE  
Himalayan spikenard
- 488 *Nardostachys grandiflora* #2
- VITACEAE  
Grapes
- 489 *Cyphostemmaelephantopus*
- 490 *Cyphostemmalaza*
- 491 *Cyphostemmamontagnacii*
- WELWITSCHIACEAE  
Welwitschia
- 492 *Welwitschia mirabilis* #4
- ZAMIACEAE  
Cycads
- 493 ZAMIACEAE SPP. #4 (EXCEPT THE SPECIES INCLUDED IN APPENDIX I)
- ZINGIBERACEAE  
Ginger lily, Natal ginger
- 494 *Hedychium philippinense* #4
- 495 *Siphonochilusaethiopicus* #4 (Populations of Mozambique, South Africa, Eswatini and Zimbabwe.)
- ZYGOPHYLLACEAE  
Lignum-vitae
- 496 *Bulnesiasarmientoi* #11
- 497 *Guaiacum* spp. #2

## APPENDIX III

FAUNA (ANIMALS)  
 PHYLUM CHORDATA  
 CLASS MAMMALIA  
 (MAMMALS)  
 ARTIODACTYLA

Bovidae  
 Antelopes, cattle,  
 duikers, gazelles,  
 goats, sheep, etc.

- |                                   |  |
|-----------------------------------|--|
| 1                                 | <i>Antilope cervicapra</i> (Nepal, Pakistan)   |
| 2                                 | <i>Boselaphustragocamelus</i> (Pakistan)   |
| 3                                 | <i>Bubalus arnee</i> (Excludes the domesticated form, which is referenced as <i>Bubalus bubalis</i> and is not subject to the provisions of the Convention.) (Nepal) |
| 4                                 | <i>Capra hircus aegagrus</i> (Specimens of the domesticated form are not subject to the provisions of the Convention.) (Pakistan)                                    |
| 5                                 | <i>Capra sibirica</i> (Pakistan)   |
| 6                                 | <i>Gazella bennettii</i> (Pakistan)  |
| 7                                 | <i>Gazella dorcas</i> (Algeria, Tunisia)   |
| 8                                 | <i>Pseudois nayaur</i> (Pakistan)  |
| 9                                 | <i>Tetracerus quadricornis</i> (Nepal)   |
| Cervidae                          |  |
| Deer, huemuls,<br>muntjacs, pudus |  |
| 10                                | <i>Axis porcinus</i> (Except the subspecies included in Appendix I) (Pakistan)   |
| 11                                | <i>Cervus elaphus barbarus</i> (Algeria, Tunisia)  |
| 12                                | <i>Mazama temamacerasina</i> (Guatemala)   |
| 13                                | <i>Odocoileus virginianus mayensis</i> (Guatemala)   |
| CARNIVORA                         |  |
| Canidae                           |  |
| Dogs, foxes, wolves               |  |
| 14                                | <i>Canis aureus</i> (India)  |
| 15                                | <i>Vulpes bengalensis</i> (India)  |
| 16                                | <i>Vulpes vulpesgriffithi</i> (India)  |
| 17                                | <i>Vulpes vulpesmontana</i> (India)  |
| 18                                | <i>Vulpes vulpespusilla</i> (India)  |
| Herpestidae                       |  |
| Mongooses                         |  |
| 19                                | <i>Herpestesedwardsi</i> (India, Pakistan)   |
| 20                                | <i>Herpestesfuscus</i> (India)   |
| 21                                | <i>Herpestesjavanicus</i> (Pakistan)   |
| 22                                | <i>Herpestesjavanicusauropunctatus</i> (India)   |
| 23                                | <i>Herpestessmithii</i> (India)  |

|    |   |   |
|----|---|---|
| 24 |   | <i>Herpestes urva</i> (India)             |
| 25 | Hyaenidae<br>Aardwolf, hyenas   | <i>Herpestes vitticollis</i> (India)      |
| 26 |   | <i>Hyaena hyaena</i> (Pakistan)           |
| 27 |   | <i>Proteles cristata</i> (Botswana)       |
|    | Mustelinae<br>Grisons, honey<br>badgers, martens,<br>tayra, weasels       |   |
| 28 |   | <i>Eira barbara</i> (Honduras)            |
| 29 |   | <i>Martes flavigula</i> (India)           |
| 30 |   | <i>Martes foina intermedia</i> (India)    |
| 31 |   | <i>Martes gwatkinsii</i> (India)          |
| 32 |   | <i>Mellivora capensis</i> (Botswana)      |
| 33 |   | <i>Mustela altaica</i> (India)            |
| 34 |   | <i>Mustela erminea ferghanae</i> (India)  |
| 35 |   | <i>Mustela kathiah</i> (India)            |
| 36 |   | <i>Mustela sibirica</i> (India)           |
|    | Odobenidae<br>Walruses  |   |
| 37 |   | <i>Odobenus rosmarus</i> (Canada)         |
|    | Procyonidae<br>Coatis, kinkajous,<br>olingos                              |   |
| 38 |   | <i>Nasua narica</i> (Honduras)            |
| 39 |   | <i>Nasua nasua solitaria</i> (Uruguay)    |
| 40 |   | <i>Potos flavus</i> (Honduras)            |
|    | Viverridae<br>Binturong, civets,<br>linsangs, otter-civet,<br>palm civets |   |
| 41 |   | <i>Arctictis binturong</i> (India)        |
| 42 |   | <i>Civettictis civetta</i> (Botswana)     |
| 43 |   | <i>Pagumalarvata</i> (India)              |
| 44 |   | <i>Paradoxurus hermaphroditus</i> (India) |
| 45 |   | <i>Paradoxurus jerdoni</i> (India)        |
| 46 |   | <i>Viverracivettina</i> (India)           |
| 47 |   | <i>Viverrazibetha</i> (India)             |
| 48 |   | <i>Viverricula indica</i> (India)         |
|    | CHIROPTERA<br>Phyllostomidae<br>Broad-nosed bats                          |   |
| 49 |   | <i>Platyrrhinus lineatus</i> (Uruguay)    |
|    | CINGULATA<br>Dasypodidae<br>Armadillos                                    |   |

- 50 *Cabassous tatouay* (Uruguay)  
 PILOSA  
 Myrmecophagidae  
 American anteaters
- 51 *Tamandua mexicana* (Guatemala)  
 RODENTIA  
 Chinchillidae  
 Chinchillas  
 Cuniculidae  
 Pacas
- 52 *Cuniculus paca* (Honduras)  
 Dasyproctidae  
 Agoutis
- 53 *Dasyprocta punctata* (Honduras)  
 Erethizontidae  
 New-world porcupines
- 54 *Sphiggurus mexicanus* (Honduras)
- 55 *Sphiggurus spinosus* (Uruguay)  
 Sciuridae  
 Ground squirrels,  
 tree squirrels
- 56 *Marmota caudata* (India)
- 57 *Marmota himalayana* (India)
- CLASSAVES  
 ANSERIFORMES  
 Anatidae  
 Ducks, geese,  
 swans, etc.
- 58 *Dendrocygna autumnalis* (Honduras)
- 59 *Dendrocygna bicolor* (Honduras)  
 CHARADRIIFORMES  
 Burhinidae  
 Thick-knees
- 60 *Burhinus bistriatus* (Guatemala)  
 COLUMBIFORMES  
 Columbidae  
 Doves, pigeons
- 61 *Nesoenas mayeri* (Mauritius)  
 FALCONIFORMES  
 Eagles, falcons, hawks,  
 vultures  
 Cathartidae  
 New-world vultures
- 62 *Sarcoramphus papa* (Honduras)  
 GALLIFORMES  
 Cracidae  
 Chachalacas,  
 curassows, guans
- 63 *Crax alberti* (Colombia)
- 64 *Crax daubentoni* (Colombia)

- 65 *Crax globulosa* (Colombia)
- 66 *Crax rubra* (Colombia, Guatemala, Honduras)
- 67 *Ortalisvetula* (Guatemala, Honduras)
- 68 *Pauxipauxi* (Colombia)
- 69 *Penelope purpurascens* (Honduras)
- 70 *Penelopina nigra* (Guatemala)
- Phasianidae  
Grouse, guineafowl,  
partridges, peafowl,  
pheasants, tragopans
- 71 *Lophuraleucomelanos* (Pakistan)
- 72 *Meleagris ocellata* (Guatemala)
- 73 *Pavocristatus* (Pakistan)
- 74 *Pucrasiamacrolopha* (Pakistan)
- 75 *Tragopan satyra* (Nepal)
- PASSERIFORMES  
Alaudidae  
Larks
- 76 *Alauda arvensis* (Population of Ukraine)
- 77 *Galerida cristata* (Population of Ukraine)
- 78 *Lullula arborea* (Population of Ukraine)
- 79 *Melanocoryphacalandra* (Population of Ukraine)
- Cotingidae  
Cotingas
- 80 *Cephalopterusornatus* (Colombia)
- 81 *Cephalopteruspenduliger* (Colombia)
- Emberizidae  
Cardinals, tanagers
- 82 *Emberizacitrinella* (Population of Ukraine)
- 83 *Emberizahortulana* (Population of Ukraine)
- Fringillidae  
Finches
- 84 *Carduelis cannabina* (Population of Ukraine)
- 85 *Carduelis carduelis* (Population of Ukraine)
- 86 *Carduelis flammea* (Population of Ukraine)
- 87 *Carduelis hornemanni* (Population of Ukraine)
- 88 *Carduelis spinus* (Population of Ukraine)
- 89 *Carpodacus erythrinus* (Population of Ukraine)
- 90 *Loxiacurvirostra* (Population of Ukraine)
- 91 *Pyrrhula pyrrhula* (Population of Ukraine)
- 92 *Serinusserinus* (Population of Ukraine)
- Muscicapidae  
Old-world flycatchers
- 93 *Acrocephalusrodericanus* (Mauritius)
- 94 *Erithacus rubecula* (Population of Ukraine)

|     |   |
|-----|---|
| 95  | <i>Ficedula parva</i> (Population of Ukraine)         |
| 96  | <i>Hippolaisicterina</i> (Population of Ukraine)      |
| 97  | <i>Luscinia luscinia</i> (Population of Ukraine)      |
| 98  | <i>Luscinia megarhynchos</i> (Population of Ukraine)  |
| 99  | <i>Luscinia svecica</i> (Population of Ukraine)       |
| 100 | <i>Monticola saxatilis</i> (Population of Ukraine)    |
| 101 | <i>Sylvia atricapilla</i> (Population of Ukraine)     |
| 102 | <i>Sylvia borin</i> (Population of Ukraine)           |
| 103 | <i>Sylvia curruca</i> (Population of Ukraine)         |
| 104 | <i>Sylvia nisoria</i> (Population of Ukraine)         |
| 105 | <i>Terpsiphonebourbonensis</i> (Mauritius)            |
| 106 | <i>Turdus merula</i> (Population of Ukraine)          |
| 107 | <i>Turdus philomelos</i> (Population of Ukraine)      |
|     | Oriolidae   |
|     | Orioles   |
| 108 | <i>Oriolusoriolus</i> (Population of Ukraine)         |
|     | Paridae   |
|     | Tits  |
| 109 | <i>Parus ater</i> (Population of Ukraine)             |
|     | Troglodytidae   |
|     | Wrens   |
| 110 | <i>Troglodytestroglodytes</i> (Population of Ukraine) |
|     | PICIFORMES  |
|     | Capitonidae   |
|     | Barbets   |
| 111 | <i>Semnornisramphastinus</i> (Colombia)               |
|     | Ramphastidae  |
|     | Toucans   |
| 112 | <i>Bailloniusbailoni</i> (Argentina)                  |
| 113 | <i>Pteroglossus castanotis</i> (Argentina)            |
| 114 | <i>Ramphastosdicolorus</i> (Argentina)                |
| 115 | <i>Selenideramaculirostris</i> (Argentina)            |
|     | SAURIA  |
|     | Agamidae  |
|     | Spiny-tailed lizards,<br>agamas                       |
| 116 | <i>Calotesceylonensis</i> (Sri Lanka)                 |
| 117 | <i>Calotesdesilvai</i> (Sri Lanka)                    |
| 118 | <i>Calotesliocephalus</i> (Sri Lanka)                 |
| 119 | <i>Calotesliolepis</i> (Sri Lanka)                    |
| 120 | <i>Calotesmanamendrai</i> (Sri Lanka)                 |
| 121 | <i>Calotesnigrilabris</i> (Sri Lanka)                 |
| 122 | <i>Calotespethiyagodai</i> (Sri Lanka)                |
|     | Eublepharidae   |
|     | Eyelid geckos   |
| 123 | <i>Goniurosauruskuroiwae</i> #18 (Japan)              |



- 124 Goniurosaurusorientalis #18 (Japan)  
 125 Goniurosaurussengokui #18 (Japan)  
 126 Goniurosaurus splendens #18 (Japan)  
 127 Goniurosaurustoyamai #18 (Japan)  
 128 Goniurosaurusyamashinae #18 (Japan)
- Gekkonidae  
 Geckos
- 129 *Dactylocnemis* spp. (New Zealand)  
 130 *Hoplodactylus* spp. (New Zealand)  
 131 *Mokopirirakau* spp. (New Zealand)  
 132 *Sphaerodactylus armasi* (Cuba)  
 133 *Sphaerodactylus celicara* (Cuba)  
 134 *Sphaerodactylus dimorphicus* (Cuba)  
 135 *Sphaerodactylus intermedius* (Cuba)  
 136 *Sphaerodactylus nigropunctatusalayoi* (Cuba)  
 137 *Sphaerodactylus nigropunctatusgranti* (Cuba)  
 138 *Sphaerodactylus nigropunctatuslissodesmus* (Cuba)  
 139 *Sphaerodactylus nigropunctatusocujal* (Cuba)  
 140 *Sphaerodactylus nigropunctatus strategus* (Cuba)  
 141 *Sphaerodactylus notatusatactus* (Cuba)  
 142 *Sphaerodactylus oliveri* (Cuba)  
 143 *Sphaerodactylus pimienta* (Cuba)  
 144 *Sphaerodactylus ruibali* (Cuba)  
 145 *Sphaerodactylus siboney* (Cuba)  
 146 *Sphaerodactylus torrei* (Cuba)  
 147 *Toropuku* spp. (New Zealand)  
 148 *Tukutuku* spp. (New Zealand)  
 149 *Woodworthia* spp. (New Zealand)
- Polychrotidae  
 Anoles
- 150 *Anolis agueroi* (Cuba)  
 151 *Anolis baracoae* (Cuba)  
 152 *Anolis barbatus* (Cuba)  
 153 *Anolis chamaeleonides* (Cuba)  
 154 *Anolis equestris* (Cuba)  
 155 *Anolis guamuhaya* (Cuba)  
 156 *Anolis luteogularis* (Cuba)  
 157 *Anolis pigmaequestris* (Cuba)  
 158 *Anolis porcus* (Cuba)
- SERPENTES  
 Colubridae  
 Typical snakes,  
 water snakes,  
 whipsnakes

- 159 *Atretiumschistosum* (India)
- 160 *Cerberus rynchops* (India)
- 161 *Xenochrophis piscator* (India)
- 162 *Xenochrophis schnurrenbergeri* (India)
- 163 *Xenochrophistyleri* (India)
- Elapidae  
Cobras, coral snakes
- 164 *Micrurus diastema* (Honduras)
- 165 *Micrurus nigrocinctus* (Honduras)
- 166 *Micrurus ruatanus* (Honduras)
- Viperidae  
Vipers
- 167 *Crotalus durissus* (Honduras)
- 168 *Daboia russelii* (India)
- TESTUDINES
- Chelydridae  
Snapping turtles
- 169 *Chelydra serpentina* (United States of America)
- 170 *Macrochelystemminckii* (United States of America)
- Emydidae  
Box turtles,  
freshwater turtles
- 171 *Emys orbicularis* (Population of Ukraine)
- 172 *Graptemys* spp. (United States of America)
- Geoemydidae  
Box turtles,  
freshwater turtles
- 173 *Mauremysiversoni* (China)
- 174 *Mauremysmegalcephala* (China)
- 175 *Mauremyspritchardi* (China)
- 176 *Mauremysreevesii* (China)
- 177 *Mauremys sinensis* (China)
- 178 *Ocadiaglyphistoma* (China)
- 179 *Ocadiaphilippeni* (China)
- 180 *Sacaliapseudocellata* (China)
- Trionychidae  
Softshell turtles
- 181 *Apalone ferox* (United States of America)
- 182 *Apalonemutica* (United States of America)
- 183 *Apalonespinifera* (Except the subspecies included in  
Appendix I) (United States of America)
- CLASS AMPHIBIA
- ANURA
- Calyptocephalellidae  
Chilean toads

- 184 *Calyptocephalellagayi* (Chile)  
 CAUDATA  
 Cryptobranchidae  
 Giant salamanders
- 185 *Cryptobranchusalleganiensis* (United States of America)  
 Hynobiidae  
 Asiatic salamanders
- 186 *Hynobiusamjiensis* (China)  
 Salamandridae  
 Newts and salamanders
- 187 *Echinotritonandersoni* #18 (Japan)
- 188 *Salamandra algira* (Algeria)  
 CLASS  
 ELASMOBRANCHII  
 (SHARKS)  
 MYLIOBATIFORMES  
 Potamotrygonidae  
 Freshwater stingrays
- 189 *Paratrygonaiereba* (Colombia)
- 190 *Potamotrygon* spp. (Population of Brazil) (Brazil)
- 191 *Potamotrygon constellata* (Colombia)
- 192 *Potamotrygon magdalenae* (Colombia)
- 193 *Potamotrygon motoro* (Colombia)
- 194 *Potamotrygon orbignyi* (Colombia)
- 195 *Potamotrygon schroederi* (Colombia)
- 196 *Potamotrygon scobina* (Colombia)
- 197 *Potamotrygon yepezi* (Colombia)  
 CLASS  
 ACTINOPTERI (FISHES)  
 SILURIFORMES  
 Loricariidae  
 Armoured catfishes
- 198 *Hypancistrus zebra* (Brazil)  
 PHYLUM ECHINODERMATA  
 CLASS HOLOTHUROIDEA (SEA CUCUMBERS)  
 ASPIDOCHIROTIDA  
 Stichopodidae  
 Sea cucumbers
- 199 *Isostichopusfuscus* (Ecuador)  
 PHYLUM ARTHROPODA  
 CLASS INSECTA (INSECTS)  
 COLEOPTERA  
 Lucanidae  
 Stag beetles
- 200 *Colophon* spp. (South Africa)  
 LEPIDOPTERA  
 Nymphalidae  
 Brush-footed butterflies

- 201 *Agriasamydonboliviensis* (Plurinational State of Bolivia)
- 202 *Morpho godartiilachaumei* (Plurinational State of Bolivia)
- 203 *Preponapraenestebuckleyana* (Plurinational State of Bolivia)
- PHYLUM CNIDARIA  
CLASS ANTHOZOA (CORALS AND SEA ANEMONES)  
GORGONACEA  
Coralliidae  
Red and pink corals
- 204 *Corallium elatius* (China)
- 205 *Corallium japonicum* (China)
- 206 *Corallium konjoi* (China)
- 207 *Corallium secundum* (China)
- FLORA (PLANTS)  
FAGACEAE  
Beeches
- 208 *Quercus mongolica* #5 (Russian Federation)
- GNETACEAE  
Gnetums
- 209 *Gnetum montanum* #1 (Nepal)
- LEGUMINOSAE  
(Fabaceae) Afrosmosia,  
cristobal, palisander,  
rosewood, sandalwood
- 210 *Dipteryx panamensis* (Costa Rica, Nicaragua)
- MAGNOLIACEAE  
Magnolias
- 211 *Magnolia liliifera* var. *obovata* #1 (Nepal)
- OLEACEAE  
Ashes, etc.
- 212 *Fraxinus mandshurica* #5 (Russian Federation)
- PALMAE  
(Arecaceae) Palms
- 213 *Lodoicea maldivica* #13 (Seychelles)
- PAPAVERACEAE  
Poppy
- 214 *Meconopsis regia* #1 (Nepal)
- PINACEAE  
Firs and pines
- 215 *Pinus koraiensis* #5 (Russian Federation)
- PODOCARPACEAE  
Podocarps
- 216 *Podocarpus neriifolius* #1 (Nepal)
- TROCHODENDRACEAE  
(Tetracentraceae) Tetracentron
- 217 *Tetracentron sinense* #1 (Nepal)

(I) For the exclusive purpose of allowing international trade in fibre from vicuñas

(*Vicugna vicugna*) and their derivative products, only if the fibre comes from the shearing of live vicuñas. Trade in products derived from the fibre may only take place in accordance with the following provisions:

(a) Any person or entity processing vicuña fibre to manufacture cloth and garments must request authorisation from the relevant authorities of the country of origin (Countries of origin: The countries where the species occurs, that is, Argentina, Bolivia, Chile, Ecuador and Peru) to use the “vicuña country of origin” wording, mark or logo adopted by the range States of the species that are signatories to the Convention for the Conservation and Management of the Vicuña.

(b) Marketed cloth or garments must be marked or identified in accordance with the following provisions:

(i) For international trade in cloth made from live-sheared vicuña fibre, whether the cloth was produced within or outside of the range States of the species, the wording, mark or logo must be used so that the country of origin can be identified. The VICUÑA [COUNTRY OF ORIGIN] wording, mark or logo has the format as detailed



This wording, mark or logo must appear on the reverse side of the cloth. In addition, the selvages of the cloth must bear the words VICUÑA [COUNTRY OF ORIGIN].

(ii) For international trade in garments made from live-sheared vicuña fibre, whether the garments were produced within or outside of the range States of the species, the wording, mark or logo indicated in paragraph (b) (i) must be used. This wording, mark or logo must appear on a label on the garment itself. If the garments are produced outside of the country of origin, the name of the country where the garment was produced should also be indicated, in addition to the wording, mark or logo referred to in paragraph (b) (i).

(c) For international trade in handicraft products made from live-sheared vicuña fibre produced within the range States of the species, the VICUÑA [COUNTRY OF ORIGIN] - ARTESANÍA wording, mark or logo must be used as detailed



(d) If live-sheared vicuña fibre from various countries of origin is used for the production of cloth and garments, the wording, mark or logo of each of the countries of origin of the fibre must be indicated, as detailed in paragraphs (b) (i) and (ii).

(e) All other specimens shall be deemed to be specimens of species listed in Appendix I and the trade in them shall be regulated accordingly

(2) Populations of Botswana, Namibia, South Africa and Zimbabwe (listed in Appendix II):

For the exclusive purpose of allowing:

(a) trade in hunting trophies for non-commercial purposes;

(b) trade in live animals to appropriate and acceptable destinations, as defined in Resolution Conf. 11.20 (Rev. CoP18), for Botswana and Zimbabwe and for *in situ* conservation programmes for Namibia and South Africa;

(c) trade in hides;

(d) trade in hair;

(e) trade in leather goods for commercial or non-commercial purposes for Botswana, Namibia and South Africa and for non-commercial purposes for Zimbabwe;

(f) trade in individually marked and certified ekipas incorporated in finished jewellery for non-commercial purposes for Namibia and ivory carvings for non-commercial purposes for Zimbabwe;

(g) trade in registered raw ivory (for Botswana, Namibia, South Africa and Zimbabwe, whole tusks and pieces) subject to the following:

(i) only registered government-owned stocks, originating in the State (excluding seized ivory and ivory of unknown origin);

(ii) only to trading partners that have been verified by the Secretariat, in consultation with the Standing Committee, to have sufficient national legislation and domestic trade controls to ensure that the imported ivory will not be re-exported and will be managed in accordance with all requirements of Resolution Conf. 10.10 (Rev. CoP18) concerning domestic manufacturing and trade;

(iii) not before the Secretariat has verified the prospective importing countries and the registered government-owned stocks;

(iv) raw ivory pursuant to the conditional sale of registered government-owned ivory stocks agreed at CoP12, which are 20,000 kg (Botswana), 10,000 kg (Namibia) and 30,000 kg (South Africa);

(v) in addition to the quantities agreed at CoP12, government-owned ivory from Botswana, Namibia, South Africa and Zimbabwe registered by 31 January 2007 and verified by the Secretariat may be traded and despatched, with the ivory in paragraph (g) (iv) above, in a single sale per destination under strict supervision of the Secretariat;

(vi) the proceeds of the trade are used exclusively for elephant conservation and community conservation and development programmes within or adjacent to the elephant range; and

(vii) the additional quantities specified in paragraph (g) (v) above shall be traded only after the Standing Committee has agreed that the above conditions have been met; and

(h) no further proposals to allow trade in elephant ivory from populations already in Appendix II shall be submitted to the Conference of the Parties for the period from CoP14 and ending nine years from the date of the single sale of ivory that is to take place in accordance with provisions in paragraphs (g) (i), (g) (ii), (g) (iii), (g) (vi) and (g) (vii). In addition such further proposals shall be dealt with in accordance with Decisions 16.55 and 14.78 (Rev. CoP16).

On a proposal from the Secretariat, the Standing Committee can decide to cause this trade to cease partially or completely in the event of non-compliance by exporting or importing countries, or in the case of proven detrimental impacts of the trade on other elephant populations.

All other specimens shall be deemed to be specimens of species included in Appendix I and the trade in them shall be regulated accordingly.

9-

Artificially propagated specimens of the following hybrids and/or cultivars are not subject to the provisions of the Convention:

- *Hatiora x graeseri*
- *Schlumbergera x buckleyi*
- *Schlumbergerarusselliana x Schlumbergeratruncata*
- *Schlumbergeraorssichiana x Schlumbergeratruncata*
- *Schlumbergeraopuntioides x Schlumbergeratruncata*
- *Schlumbergeratruncata* (cultivars)
- *Cactaceae* spp. colour mutants grafted on the following grafting stocks: *Harrisia 'Jusbertii'*, *Hylocereustrigonus* or *Hylocereusundatus*
- *Opuntia microdasys* (cultivars).

10-

Artificially propagated hybrids of the following genera are not subject to the provisions of the Convention, if conditions, as indicated under a) and b), are met: *Cymbidium*, *Dendrobium*, *Phalaenopsis* and *Vanda*:

(a) Specimens are readily recognizable as artificially propagated and do not show any signs of having been collected in the wild such as mechanical damage or strong dehydration resulting from collection, irregular growth and heterogeneous size and shape within a taxon and shipment, algae or other epiphyllous organisms adhering to leaves, or damage by insects or other pests; and

(b) (i) when shipped in non-flowering state, the specimens must be traded in shipments consisting of individual containers (such as cartons, boxes, crates or individual shelves of CC-containers) each containing 20 or more plants of the same hybrid; the plants within each container must exhibit a high degree of uniformity and healthiness; and the shipment must be accompanied by documentation, such as an invoice, which clearly states the number of plants of each hybrid; or

(ii) when shipped in flowering state, with at least one fully open flower per specimen, no minimum number of specimens per shipment is required but specimens must be professionally processed for commercial retail sale, e.g. labelled with printed labels or packaged with printed packages indicating the name of the hybrid and the country of final processing. This should be clearly visible and allow easy verification.

Plants not clearly qualifying for the exemption must be accompanied by appropriate CITES documents.

11-

Artificially propagated specimens of cultivars of *Cyclamen persicum* are not subject to the provisions of the Convention. However, the exemption does not apply to such specimens traded as dormant tubers.

12-

Artificially propagated hybrids and cultivars of *Taxus cuspidata*, live, in pots or other small containers, each consignment being accompanied by a label or document stating the name of the taxon or taxa and the text 'artificially propagated', are not subject to the provisions of the Convention.

#1-

All parts and derivatives, except:

- (a) seeds, spores and pollen (including pollinia);

(b) seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers;

(c) cut flowers of artificially propagated plants; and

(d) fruits, and parts and derivatives thereof, of artificially propagated plants of the genus *Vanilla*.

#2-

All parts and derivatives except:

(a) seeds and pollen; and

(b) finished products packaged and ready for retail trade.

#3 -

Whole and sliced roots and parts of roots, excluding manufactured parts or derivatives, such as powders, pills, extracts, tonics, teas and confectionery.

#4 -

All parts and derivatives, except:

(a) seeds (including seedpods of Orchidaceae), spores and pollen (including pollinia). The exemption does not apply to seeds from Cactaceae spp. exported from Mexico, and to seeds from *Beccariophoenix madagascariensis* and *Dypsisdecaryi* exported from Madagascar;

(b) seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers;

(c) cut flowers of artificially propagated plants;

(d) fruits, and parts and derivatives thereof, of naturalized or artificially propagated plants of the genus *Vanilla* (Orchidaceae) and of the family Cactaceae;

(e) stems, flowers, and parts and derivatives thereof, of naturalized or artificially propagated plants of the genera *Opuntia* subgenus *Opuntia* and *Selenicereus* (Cactaceae); and

(f) finished products of *Aloe ferox* and *Euphorbia antisyphilitica* packaged and ready for retail trade.

#5 -

Logs, sawn wood and veneer sheets.

#6 -

Logs, sawn wood, veneer sheets and plywood.

#7 -

Logs, woodchips, powder and extracts.

#8 -

Underground parts (i.e. roots, rhizomes): whole, parts and powdered.

#9 -

All parts and derivatives except those bearing a label:

"Produced from *Hoodia* spp. material obtained through controlled harvesting and production under the terms of an agreement with the relevant CITES Management Authority of [Botswana under agreement No. BW/xxxxxx] [Namibia under agreement No. NA/xxxxxx] [South Africa under agreement No. ZA/xxxxxx]".



#10-

Designates logs, sawn wood and veneer sheets, including unfinished wood articles used for the fabrication of bows for stringed musical instruments.

#11 -

Logs, sawn wood, veneer sheets, plywood, powder and extracts. Finished products containing such extracts as ingredients, including fragrances, are not considered to be covered by this annotation.

#12 -

Logs, sawn wood, veneer sheets, plywood and extracts. Finished products containing such extracts as ingredients, including fragrances, are not considered to be covered by this annotation.

#13 -

The kernel (also known as 'endosperm', 'pulp' or 'copra') and any derivative thereof, except finished products packaged and ready for retail trade.

#14 -

All parts and derivatives except:

(a) seeds and pollen;

(b) seedling or tissue cultures obtained *in vitro*, in solid or liquid media, transported in sterile containers;

(c) fruits;

(d) leaves;

(e) exhausted agarwood powder, including compressed powder in all shapes; and

(f) finished products packaged and ready for retail trade, this exemption does not apply to wood chips, beads, prayer beads and carvings.

#15 -

All parts and derivatives, except:

(a) leaves, flowers, pollen, fruits, and seeds;

(b) finished products to a maximum weight of wood of the listed species of up to 10 kg per shipment;

(c) finished musical instruments, finished musical instrument parts and finished musical instrument accessories;

(d) parts and derivatives of *Dalbergia cochinchinensis*, which are covered by Annotation # 4;

(e) parts and derivatives of *Dalbergia* spp. originating and exported from Mexico, which are covered by Annotation # 6.

#16 -

Seeds, fruits and oils.

#17 -

Logs, sawn wood, veneer sheets, plywood and transformed wood.

#18 -

Excluding parts and derivatives, other than eggs.'

## STATEMENT OF OBJECTS AND REASONS

The Wild Life (Protection) Act, 1972 (the Act) provides for the protection of wild animals, birds and plants and for matters connected therewith or ancillary or incidental with a view to ensuring the ecological and environmental security of the country.

2. India is a party to the Convention on International trade in Endangered Species of Wild Fauna and Flora (the Convention) which requires that appropriate measures are taken to enforce the provisions of the Convention. It is proposed to amend the Act to provide for the implementation of the Convention.

3. The Act broadly has two classes of animals, that is to say, (a) species listed in Schedule I and Part II of Schedule II; and (b) species listed in Part I of Schedule II, Schedule III, and Schedule IV, based on which their protections and penalties for contravention differ. Since, the Act essentially has only these two levels of protection for animals, the segregation of protected animals or species in four Schedule may not be appropriate and may cause confusion and be difficult for the public to understand. Therefore, it is proposed to rationalise and amend the Schedules.

4. Accordingly, the Wild Life (Protection) Amendment Bill 2021 proposes to amend the Wild Life (Protection) Act, 1972. The Bill, *inter alia*, proposes to—

(a) amend the preamble to the Act so as to include the aspects of "conservation" and "management" of wild life which are covered by the Act;

(b) rationalise and amend the Schedules to the Act for the purposes of clarity;

(c) insert a new Chapter VB in the Act for proper implementation of the provisions of the Convention in India;

(d) insert provisions to enable control of invasive alien species;

(e) insert a provision to allow the State Boards for Wild Life to constitute Standing Committees, etc.;

(f) make amendments for better management of protected areas;

(g) insert an explanation so as to provide that certain permitted activities such as, grazing or movement of livestock, *bona fide* use of drinking and household water by local communities, etc., shall be considered as non-prohibitive under section 29 of the Act;

(h) insert provisions for better care of seized live animals and disposal of seized wild life parts and products;

(i) insert a provision to allow for transfer or transport of live elephants by person having ownership certificates in accordance with conditions prescribed by the Central Government;

(j) insert a provision to enable the Central Government to call for information and issue directions for proper implementation of the Act; and

(k) make other consequential amendments in the Act.

5. The notes on clauses explain in detail various provisions contained in the Bill.

6. The Bill seeks to achieve the above objectives.

BHUPENDER YADAV.

New Delhi;  
The 10th December, 2021.

*Notes on clauses*

*Clause 1.*—This clause relates to the short title and commencement of the proposed legislation.

*Clause 2.*—This clause seeks to amend the preamble of the Wild Life (Protection) Act, 1972 (hereinafter referred to as the principal Act). It proposes to include the aspects of "conservation" and "management" of wild life in the preamble in addition to the existing term "protection" since these broader actions are the need of the time and are to be provided for in the Act. Instead of using the terms wild animals, birds and plants separately, the term "wild life" is proposed to be included since as per the principal Act, wild animals include birds and wild life includes wild animals and plants.

*Clause 3.*—This clause seeks to amend section 2 of the principal Act which relates to definitions.

*Clause 4.*—This clause seeks to amend section 5A of the principal Act which relates to the constitution of the National Board for Wild Life. It proposes to replace the "Member, Planning Commission in-charge of Forests and Wild Life" with the "Member, NITI Aayog in-charge of Environment, Forest and Climate Change" as a member of the National Board since the Planning Commission has been replaced with NITI Aayog.

*Clause 5.*—This clause seeks to amend sub-section (3) of section 5B of the principal Act which relates to the Standing Committee of the National Board for Wild Life. It is proposed to provide that rules may be made to prescribe the terms and conditions of committees, sub-committees or study groups to be constituted by the National Board for proper discharge of functions assigned to it under the Act.

*Clause 6.*—This clause seeks to insert a new section 6A allowing the State Board for Wild Life to constitute a Standing Committee to exercise such powers and perform such duties as may be delegated to it by the Board. It provides for the membership of such Standing Committee to be the Vice-Chairperson, the Member-Secretary, and not more than ten members, to be nominated by the Vice-Chairperson, from amongst the members of the Board. It further provides for such Standing Committee to constitute committees, sub-committees or study groups as may be necessary.

*Clause 7.*—This clause seeks to substitute the words and figures "Schedules I, II, III and IV" with the words and figures "Schedules I and II" in section 9 which relates to prohibition on hunting. This is a consequential amendment in view of rationalisation of the Schedules to the principal Act.

*Clause 8.*—This clause seeks to omit the words and figures ", Schedule III, or Schedule IV," in clause (b) of sub-section (1) of section 11 which relates to hunting of wild animals to be permitted in certain cases. This is a consequential amendment in view of rationalisation of the Schedules to the principal Act.

*Clause 9.*—This clause seeks to amend section 24 of the principal Act which relates to acquisition of rights to substitute the reference to the Land Acquisition Act, 1894 (1 of 1894) with the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (30 of 2013) since the Land Acquisition Act, 1894 has been repealed.

*Clause 10.*—This clause seeks to amend section 25 of the principal Act which relates to acquisition proceedings to substitute references to Land Acquisition Act, 1894 (1 of 1894) (hereinafter referred to as the Act, 1894) with the Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013 (30 of 2013) (hereinafter referred to as the Act, 2013) since the Land Acquisition Act, 1894 has been repealed.

It proposes, in sub-section (1) of section 25 of the principal Act, to—

(i) substitute the Act, 1894 with the Act, 2013 in clause (a);

(ii) substitute the reference to section 9 of the Act, 1894 with section 21 of the Act, 2013 in clauses (b) and (c);

(iii) substitute the references to section 18 and Part III of the Act, 1894 with section 64 and Chapter VIII respectively of the Act, 2013 in clause (d);

(iv) substitute the reference to the Court under the Act, 1894 with the Authority under the Act, 2013 in clause (e); and

(v) insert an Explanation to the effect that the expression 'Authority' shall mean the Land Acquisition, Rehabilitation, and Resettlement Authority established under section 51 of the Act, 2013.

*Clause 11.*—This clause seeks to amend section 28 of the principal Act which relates to grant of permit. It proposes to include film-making without making any change in the habitat or causing any adverse impact to the habitat or wildlife as one of the purposes for which permits may be granted to enter or reside in a sanctuary.

*Clause 12.*—This clause seeks to amend section 29 of the principal Act which relates destruction, etc., in a sanctuary prohibited without a permit.

It proposes to substitute the reference to the State Board for Wild Life in the section with the National Board.

It further proposes to substitute the Explanation to section 29 of the principal Act so as to enhance the scope of the Explanation to exclude hunting of wild animals under a permit granted under section 11 or hunting without violating the conditions of a permit granted under section 12 or the exercise of any rights permitted to continue under clause (c) of sub-section (2) of section 24, and the *bona fide* use of drinking and household water by local communities from the scope of the prohibition in section 29.

*Clause 13.*—This clause seeks to amend section 33 of the principal Act which relates to control of sanctuaries. It proposes that the Chief Wild Life Warden shall control, manage and maintain all sanctuaries in accordance with the management plan prepared as per guidelines issued by the Central Government and in the case of sanctuaries falling in Scheduled Areas or areas where the Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 is applicable, in accordance with the management plan prepared after due consultation with the concerned Gram Sabha. It further proposes to include Government lodges for commercial purposes within the purview of the proviso to clause (a) of section 33.

*Clause 14.*—This clause seeks to amend section 34 of the principal Act which relates to registration of certain persons in possession of arms. It seeks to insert a new sub-section (4) whereby no renewal of any arms licences shall be granted to any person residing within ten kilometres of a sanctuary except under the intimation to the Chief Wild Life Warden or the authorised officer.

*Clause 15.*—This clause seeks to amend section 35 of the principal Act which relates to declaration of National Parks. It proposes to extend section 18A of the principal Act which relates to protection to sanctuaries, which currently applies only to sanctuaries, to National Parks as well.

*Clause 16.*—This clause seeks to amend section 36D of the principal Act which relates to community reserve management committee. It proposes to change the representatives to be nominated to the committee by the Village Panchayat or Gram Sabha from "five" to "not less than five".

It further proposes to insert a new sub-section (2A) which provides that where a

community reserve is declared on private land under sub-section (1) of section 36C, the community reserve management committee shall consist of the owner of the land along with a representative of the State Forests or Wildlife Department under whose jurisdiction the community reserve is located.

*Clause 17.*—This clause seeks to amend section 38 of the principal Act which relates to power of the Central Government to declare areas as sanctuaries or National Parks. It proposes to amend section 38 so as to allow the Central Government to declare conservation reserves in areas leased or otherwise transferred to it by the State Government.

*Clause 18.*—This clause seeks to amend clause (o) of sub-section (2) of section 38L of the principal Act which relates to the constitution of the National Tiger Conservation Authority. It proposes to change the rank specified for the Member-Secretary of the National Tiger Conservation Authority from Inspector-General of Forests or an officer of equivalent rank to an officer not below the rank of Inspector-General of Forests.

*Clause 19.*—This clause seeks to insert a new section 38XA which provides that the provisions contained in Chapter IVB shall be in addition to, and not in derogation of, the provisions relating to the sanctuaries and National Parks (whether included and declared, or are in the process of being so declared) included in a tiger reserve under the principal Act.

*Clause 20.*—This clause seeks to amend the heading of Chapter IVC of the principal Act which relates to TIGER AND OTHER ENDANGERED SPECIES CRIME CONTROL BUREAU. It is proposed so as to change the name of the Chapter from "TIGER AND OTHER ENDANGERED SPECIES CRIME CONTROL BUREAU" to "WILD LIFE CONTROL BUREAU".

*Clause 21.*—This clause seeks to amend section 38Y of the principal Act which relates to the constitution of the Tiger and other Endangered Species Crime Control Bureau. It is proposed to amend the marginal heading and section so that the Bureau is referred to as the "Wild Life Crime Control Bureau". It is further proposed to change the reference from Additional Commissioner (Customs and Central Excise) to Additional Commissioner (Customs and Central Goods and Services Tax).

*Clause 22.*—This clause seeks to amend section 39 which relates to wild animals, etc., to be Government property.

It proposes to insert a new sub-section (4) to provide that where Government property is a live animal and it cannot be released to its natural habitat, the State Government shall ensure that it is housed and cared for by a recognised zoo or rescue centre.

It further proposes to insert a new sub-section (5) and proviso so as to enable the State Government or Central Government to dispose of animal articles, trophies or uncured trophies or meat derived from wild animals in the manner prescribed by the Central Government. The proviso to the sub-section provides that such disposal shall not include any commercial sale or auction and no certificate of ownership shall be issued.

*Clause 23.*—This clause seeks to amend section 40 of the principal Act which relates to declarations. It proposes to omit the words and figures "or Part II of Schedule II" from sub-sections (1), (2), (2A), and (4) of the principal Act. This is a consequential amendment proposed in view of rationalisation of the Schedules to the principal Act.

*Clause 24.*—This clause seeks to amend sub-section (1) of section 40A of the principal Act which relates to immunity in certain cases. It proposes to omit the words and figures "or Part II of Schedule II" from the sub-section. This is a consequential amendment proposed in view of rationalisation of the Schedules to the principal Act.

*Clause 25.*—This clause seeks to amend clause (b) of sub-section (1) of section 41 of the principal Act which relates to inquiry and preparation of inventories. It proposes to omit the words and figures "and Part II of Schedule II". This is a consequential amendment proposed in view of rationalisation of the Schedules to the principal Act.

*Clause 26.*—This clause seeks to insert a new section 42A in the principal Act with respect to surrender of captive animals, animal articles, etc. The proposed section will allow persons with an ownership certificate to surrender any captive animal, animal article, trophy or uncured trophy, meat or ivory imported into India or an article made from such ivory to the Chief Wild Life Warden if they are not desirous of keeping it in their control, custody or possession. It provides that any such ownership certificate will stand cancelled and no compensation shall be payable for such surrender. It also provides that the surrendered animal, animal article, trophy, etc., shall be State Government property and the provisions of section 39 shall apply.

*Clause 27.*—This clause seeks to amend section 43 of the principal Act which relates to regulation of transfer of animal, etc. It proposes to insert a new sub-section (4) which provides that the section will not apply to transfer or transport of a live elephant by a person having a certificate of ownership where prior permission of the State Government has been obtained, and on fulfilment of such conditions as may be prescribed by the Central Government.

*Clause 28.*—This clause seeks to amend sub-clause (ii) of clause (b) of section 48 of the principal Act which relates to purchase of animal, etc., by licensee. It proposes to omit the words and figures "or Part II of Schedule II" from the sub-clause. This is a consequential amendment proposed in view of rationalisation of the Schedules to the principal Act.

*Clause 29.*—This clause seeks to amend section 49A of the principal Act which relates to definitions. It proposes to omit the words and figures "or Part II of Schedule II" from clause (a) and sub-clause (ii) of clause (c) of the section. This is a consequential amendment proposed in view of rationalisation of the Schedules to the principal Act.

*Clause 30.*—This clause seeks to insert a new Chapter VB in the principal Act for Regulation of International Trade in Endangered Species of Wild Fauna and Flora (hereinafter referred to as the Convention).

The proposed new section 49D seeks to *inter alia*, define the words and expressions for the purposes of the proposed new Chapter.

The proposed new section 49E provides for the designation of Management Authority by the Central Government. It provides that such Management Authority shall be an officer not below the rank of an Additional Director General of Forests and shall be responsible for issuance of permits and certificates for trade of scheduled specimens (i.e. specimens of species listed in Schedule IV), submission of reports, and shall perform such other functions as may be necessary to implement the provisions of the Convention. It enables the Central Government to appoint officers and employees to assist the Management Authority and for the Management Authority to delegate its powers with the approval of the Central Government to officers not below the rank of Assistant Inspector General of Forests.

The proposed new section 49F provides for the designation of institutes engaged in scientific research as Scientific Authorities by the Central Government. It provides that the Scientific Authority shall advise the Management Authority on matters referred to it. It provides that the Scientific Authority shall monitor and advise on trade of species listed in Appendix II of Schedule IV so as to maintain such species throughout their range at a level consistent with their role in the ecosystems in which they occur.

The proposed new section 49G provides that the Management Authority and the Scientific Authority, while performing their duties and exercising powers, shall be subject to such general or special directions, as the Central Government may, from time to time, give.

The proposed new section 49H provides that no person shall engage in trade of scheduled specimens except as provided for under Chapter VB. It further provides that the Central Government shall prescribe by rules the conditions and procedures by which the exemptions provided in Article VII of the Convention may be availed. It also provides that every person engaging in trade of scheduled specimens shall report the details to the Management Authority or authorised officer in the manner prescribed. It also provides that



every person engaging in trade of scheduled specimen shall present it for clearance to the Management Authority or authorised officer or customs officer only at the ports of exit and entry as may be specified by the Central Government.

The proposed new section 49-I provides the conditions for export of scheduled specimen. It further provides for the permits or certificates that are required to be granted and presented for export of species listed in each Appendix of Schedule IV and the conditions to be satisfied for issue of export permits.

The proposed new section 49J provides the conditions for import of scheduled specimen. It further provides for the permits or certificates that are required to be granted and presented for import of species listed in each Appendix of Schedule IV and the conditions to be satisfied for issue of import permits.

The proposed new section 49K provides the conditions for re-export of scheduled specimen. It further provides for certificates that are required to be granted and presented for re-export of species listed in each Appendix of Schedule IV and the conditions to be satisfied for issue of re-export certificates.

The proposed new section 49L provides the conditions for introduction from the sea of scheduled specimen. It further provides that introduction from the sea of species listed in Appendix I and II of Schedule IV requires the prior grant and presentation of a certificate of introduction from the sea. It also provides the conditions to be satisfied for issue of certificates of introduction from the sea.

The proposed new section 49M provides that every person possessing a living specimen of an animal species listed in Schedule IV shall report details to the Management Authority and the Management Authority shall, if he is satisfied that it has not been obtained in contravention of any law relating to protection of fauna and flora, issue a registration certificate allowing the owner to retain such specimen. It further provides for reporting and registration of transfers, births, and deaths of such specimens in accordance with rules prescribed by the Central Government.

The proposed new section 49N provides that every person breeding or artificially propagating species listed on Appendix I of the Convention shall apply for registration to the Chief Wild Life Warden in the form and manner prescribed by the Central Government.

The proposed new section 49-O provides that when the required conditions, including the relevant resolutions of the Convention relating to breeding in captivity or artificial propagation of Appendix I species are satisfied, the Chief Wild Life Warden shall issue a certificate of registration to a person making an application under sub-section (1) of section 49N. It further provides that the certificate of registration shall be valid for two years, and also provides for an appeal to the State Government in case of refusal or cancellation of registration by the Chief Wild Life Warden.

The proposed new section 49P provides that no person shall alter, deface, erase or remove a mark of identification affixed on a scheduled specimen or its package.

The proposed new section 49Q provides that every scheduled specimen in respect of which any offence under the Act or rules has been committed shall become the property of the Central Government and the provisions of section 39 shall, without prejudice to the Customs Act, 1962, apply to it as they apply to wild animals, captive animals and animal articles. It further provides that when a living specimen of a species listed in Schedule IV has been imported into India in contravention of the Act, the Management Authority shall after consultation with the country of export, return the specimen to that country at the expense of that country or ensure it is housed and cared for by a recognised zoo or rescue centre. It also provides that the Management Authority may for such purposes consult the Scientific Authority as it deems appropriate.

The proposed new section 49R provides that where the same species is listed in Schedule IV and Schedules I or II, the provisions of the Act applicable to such species listed in Schedule I or II and the rules made thereunder shall apply.

*Clause 31.*—This clause seeks to amend section 50 of the principal Act which relates to power of entry, search, arrest and detention. It proposes to confer power of entry, search, arrest and detention on the Management Authority or any officer authorised by the Management Authority or any customs officer not below the rank of an inspector or any officer of the coast guard not below the rank of an Assistant Commandant. It further proposes to extend clauses (a) and (c) of sub-section (1) of the section to include scheduled specimen.

*Clause 32.*—This clause seeks to amend section 51 of the principal Act which relates to penalties. Sub-section (1) of section 51 provides penalties for contravention of any provision of the Act or any rule or order made thereunder or breach of any of the conditions of any licence or permit granted under this Act and such contravention is punishable currently with imprisonment for a term extending up to three years or with fine up to twenty-five thousand rupees or with both. This clause proposes to enhance fine for such offences to a maximum of one lakh rupees.

Presently, the first proviso to sub-section (1) of section 51 provides that offences committed in relation to any animal specified in Schedule I or Part II of Schedule II or the meat of any such animal or animal article, trophy or uncured trophy derived from such animal or where the offence relates to hunting in a sanctuary or a National Park or altering the boundaries of a sanctuary or a National Park are punishable with imprisonment for a term not less than three years and extending up to seven years and also with fine not less than ten thousand rupees. This clause proposes to enhance the minimum fine for such offences to twenty-five thousand rupees. It seeks to omit the words "or Part II of Schedule II" from this proviso as a consequential amendment in view of rationalisation of the Schedules to the principal Act. It further proposes to include offences relating to specimens of species listed in Appendix I of Schedule IV in this proviso.

Presently, the second proviso to sub-section (1) of section 51 provides that a second or subsequent offence of the nature mentioned in sub-section (1) is punishable with a term of imprisonment not less than three years and extending up to seven years and also with fine not less than twenty-five thousand rupees. This clause proposes to enhance the minimum fine for such offences to one lakh rupees.

Presently, sub-section (1A) of section 51 provides that offences in relation to Chapter VA are punishable with imprisonment for a term not less than three years and extending up to seven years and also with fine not less than ten thousand rupees. This clause proposes to enhance minimum fine for such offences to twenty-five thousand rupees.

*Clause 33.*—This clause seeks to amend section 51A of the principal Act which relates to certain conditions to apply while granting bail. It proposes to omit the words and figures "or Part II of Schedule II" from the section. This is a consequential amendment in view of rationalisation of the Schedules to the principal Act.

*Clause 34.*—This clause seeks to amend section 54 of the Principal Act which relates to the power to compound offences. Presently, the sum of money accepted or agreed to be accepted by way of compounding an offence as per sub-section (4) of this section cannot exceed the sum of twenty-five thousand rupees. This clause proposes to enhance the maximum compounding amount to five lakh rupees.

*Clause 35.*—This clause seeks to amend section 55 of the Principal Act which relates to cognizance of offences. This clause seeks to include a provision to empower the Management Authority or any officer, including an officer of the Wild Life Crime Control Bureau, authorised in this behalf by the Central Government, to file complaints in courts in respect of offences against the Act.



*Clause 36.*—This clause seeks to amend section 57 of the principal Act which relates to presumption to be made in certain cases. It seeks to extend the section to scheduled specimen as it currently applies to captive animals, animal articles, meat, etc.

*Clause 37.*—This clause seeks to amend section 61 of the Principal Act which relates to power to alter entries in Schedules. It seeks to substitute the word "add" with the words "amend any Schedule or add" so as to make it clear that the power provided by the section to the Central Government to alter the entries in the Schedules includes the power to amend a Schedule.

*Clause 38.*—This clause seeks to amend section 62 of the Principal Act which relates to declaration of certain wild animals to be vermin. The section empowers the Central Government to declare certain wild animals to be vermin for any area and for such period as may be specified by way of notification. The clause seeks to omit the references to Part II of Schedule II and Schedule V from the section. This is a consequential amendment in view of rationalisation of the Schedules to the principal Act.

*Clause 39.*—This clause seeks to insert new sections 62A and 62B in the Principal Act.

The proposed new section 62A will empower the Central Government to take necessary actions for control of invasive alien species. It will allow the Central Government to regulate or prohibit the import, trade, possession or proliferation of invasive alien species which pose a threat to the wild life or habitat in India by way of notification. It also seeks to empower the Central Government to authorise the Director or any other officer to seize and dispose of, including through destruction, such species.

The proposed new section 62B will empower the Central Government to call for any information or report from a State Government or any such other agency or body or issue any direction to a State Governments or any such other agency or body for effective implementation of the provisions of the Act for the protection, conservation and management of wild life in the country.

*Clause 40.*—This clause seeks to amend section 63 of the principal Act which relates to the power of the Central Government to make rules. It proposes to include the matters under the proposed legislation in respect of which the Central Government may make rules.

*Clause 42.*—This clause seeks to rationalise Schedules appended to the principal Act. Presently, the Act broadly has two classes of wild animal, that is—

- (a) species listed in Schedule I and Part II of Schedule II; and
- (b) species listed in Part I of Schedule II, Schedule III, and Schedule IV.

Species listed in Schedule I and Part II of Schedule II are provided more protection (for example commercial trade of these species is prohibited and possession of these species requires an ownership certificate) and penalties for offences involving these species are higher. Since the principal Act essentially has only these two levels of protection for animals, it is proposed to place the protected animal species in two Schedules, i.e., Schedule I and Schedule II.

Along with the reduction in number of Schedules for protected animal species, it is also proposed to delete the schedule in which vermin species are listed (currently Schedule V) and simply have such species notified. With the deletion of the Schedule for vermin, and the reduction in the number of Schedules for protected animal species from four to two, along with the addition of a Schedule for species listed on the Appendices to the Convention, this clause seeks to reduce the number of Schedules from present six to four as follows—

- Schedule I specifies the animal species with the highest level of protection.
- Schedule II specifies the animal species with a lesser level of protection.
- Schedule III specifies the protected plant species.
- Schedule IV specifies the species listed in the Appendices to the Convention.

## FINANCIAL MEMORANDUM

Clause 30 of the Bill seeks to insert a new Chapter VB in the Wild Life (Protection) Act, 1972 so as to provide for the provisions to implement the Convention on International Trade in Endangered Species of Wild Fauna and Flora. The proposed new section 49E provides that the Central Government may designate an officer not below the rank of the Additional Director General of Forests as the Management Authority for discharging functions and exercising powers under the Act. Sub-section (4) thereof provides that the Central Government may appoint such officers and employees as may be necessary to assist the Management Authority in discharging its functions or exercising the powers under the proposed new Chapter, on such terms and conditions of service including salaries and allowances as may be prescribed. The salaries and allowances of the officers and employees to be appointed shall be met from the sanctioned budget of the Central Government under the Plan Scheme "Integrated Development of Wildlife Habitats".

2. The Bill, if enacted and brought into operation, is not likely to involve any other expenditure of recurring or non-recurring nature from and out of the Consolidated Fund of India.

## MEMORANDUM REGARDING DELEGATED LEGISLATION

Clause 40 of the Bill seeks to amend section 63 of the Wild Life (Protection) Act, 1972 which confers power upon the Central Government to make rules. The matters on which rules may be made, *inter alia*, relate to— (a) terms and conditions of the committee, sub-committees or study groups under sub-section (3) of section 5B; (b) the manner of disposal of Government property under sub-section (5) of section 39; (c) the registration and conduct of transfer or transport under sub-section (4) of section 43; (d) the terms and conditions of service including salaries and allowances for appointment of the officers and employees of the Management Authority under sub-section (4) of section 49E; (e) the conditions and procedures subject to which any exemption provided for in Article VII of the Convention may be availed under sub-section (2) of section 49H; (f) the reporting of details of scheduled specimens and the transaction as per sub-section (3) of section 49H; (g) the matters provided for in sub-sections (8) and (9) of section 49M; (h) the form and manner of the application, the fee payable, the form of certificate of registration, and the procedure to be followed in granting or cancelling a certificate of registration as per sub-section (2) of section 49N; (i) the fee payable for renewal of certificates of registration as per sub-section (3), and manner of making appeal under sub-section (4), of section 49-O; (j) any other matter for proper implementation of the Convention as may be required under Chapter VB.

2. The rules made by the Central Government under section 63 of the Act, shall be laid as soon as they are made, before each House of Parliament.

3. The matters in respect of which rules may be made are matters of procedure or administrative details and it is not practicable to provide for them in the Bill itself. The delegation of legislative power is, therefore, of a normal character.

ANNEXURE

EXTRACTS FROM THE WILD LIFE (PROTECTION) ACT, 1972

(53 OF 1972)

\* \* \* \* \*

An Act to provide for the protection of wild animals, birds and plants and for matters connected therewith or ancillary or incidental thereto with a view to ensuring the ecological and environmental security of the country.

\* \* \* \* \*

2. In this Act, unless the context otherwise requires,— Definitions.

\* \* \* \* \*

(5) "captive animal" means any animal, specified in Schedule I, Schedule II, Schedule III or Schedule IV, which is captured or kept or bred in captivity;

\* \* \* \* \*

(15) "habitat" includes land, water or vegetation which is the natural home of any wild animal;

\* \* \* \* \*

(18A) "livestock" means farm animals and includes buffaloes, bulls, bullocks, camels, cows, donkeys, goats, sheep, horses, mules, yaks, pigs, ducks, geese, poultry and their young but does not include any animal specified in Schedules I to V;

(19) "manufacturer" means a person who manufactures articles from any animal or plant specified in Schedules I to V and VI, as the case may be;

\* \* \* \* \*

(24) "person" includes a firm;

\* \* \* \* \*

(27) "specified plant" means any plant specified in Schedule VI;

\* \* \* \* \*

(34) "vermin" means any wild animal specified in Schedule V;

\* \* \* \* \*

(36) "wild animal" means any animal specified in Schedules I to IV and found wild in nature;

\* \* \* \* \*

(39) "zoo" means an establishment, whether stationary or mobile, where captive animals are kept for exhibition to the public and includes a circus and rescue centres but does not include an establishment] of a licensed dealer in captive animals.

\* \* \* \* \*

Constitution of the National Board for Wild Life. **5A.** (1) The Central Government shall, within three months from the date of commencement of the Wild Life (Protection) Amendment Act, 2002 (16 of 2003), constitute the National Board for Wild Life consisting of the following members, namely:—

\* \* \* \* \*

(d) Member, Planning Commission in-charge of Forests and Wild Life;

\* \* \* \* \*

Standing Committee of the National Board. **5B.** (1) \* \* \* \* \*  
(3) The National Board may constitute committees, sub-committees or study groups, as may be necessary, from time to time in proper discharge of the functions assigned to it.

\* \* \* \* \*

### CHAPTER III

#### HUNTING OF WILD ANIMALS

Prohibition of hunting. **9.** No person shall hunt any wild animal specified in Schedules I, II, III and IV except as provided under section 11 and section 12.

\* \* \* \* \*

Hunting of wild animals to be permitted in certain cases. **11.** (1) Notwithstanding anything contained in any other law for the time being in force and subject to the provisions of Chapter IV,—

\* \* \* \* \*

(b) the Chief Wild Life Warden or the authorised officer may, if he is satisfied that any wild animal specified in Schedule II, Schedule III, or Schedule IV, has become dangerous to human life or to property (including standing crops on any land) or is so disabled or diseased as to be beyond recovery, by order in writing and stating the reasons therefor, permit any person to hunt such animal or group of animals in a specified area or cause such animal or group of animals in that specified area to be hunted.

\* \* \* \* \*

Acquisition of rights. **24.** (1) \* \* \* \* \*

(2) If such claim is admitted in whole or in part, the Collector may either—

\* \* \* \* \*

(b) proceed to acquire such land or rights, except where by an agreement between the owner of such land or holder of rights and the Government, the owner or holder of such rights has agreed to surrender his rights to the Government, in or over such land" and on payment of such compensation, as is provided in the Land Acquisition Act, 1894.

1 of 1894.

\* \* \* \* \*

Acquisition proceedings. **25.** (1) For the purpose of acquiring such land, or rights in or over such land,—

(a) the Collector shall be deemed to be a Collector, proceeding under the Land Acquisition Act, 1894;

1 of 1894.

(b) the claimant shall be deemed to be a person interested and appearing before him in pursuance of a notice given under section 9 of that Act;

(c) the provisions of the sections, preceding section 9 of that Act, shall be deemed to have been complied with;

(d) where the claimant does not accept the award made in his favour in the

matter of compensation, he shall be deemed, within the meaning of section 18 of that Act, to be a person interested who has not accepted the award, and shall be entitled to proceed to claim relief against the award under the provisions of Part III of that Act;

(e) the Collector, with the consent of the claimant, or the court, with the consent of both the parties, may award compensation in land or money or partly in land and partly in money; and

(f) in the case of the stoppage of a public way or a common pasture, the Collector may, with the previous sanction of the State Government, provide for an alternative public way or common pasture, as far as may be practicable or convenient.

\* \* \* \* \*

**28.** (1) The Chief Wild Life Warden may, on application, grant to any person a permit to enter or reside in a sanctuary for all or any of the following purposes, namely:— Grant of permit.

\* \* \* \* \*

(b) photography;

\* \* \* \* \*

**29.** No person shall destroy, exploit or remove any wild life including forest produce from a sanctuary or destroy or damage or divert the habitat of any wild animal by any act whatsoever or divert, stop or enhance the flow of water into or outside the sanctuary, except under and in accordance with a permit granted by the Chief Wild Life Warden, and no such permit shall be granted unless the State Government being satisfied in consultation with the Board that such removal of wild life from the sanctuary or the change in the flow of water into or outside the sanctuary is necessary for the improvement and better management of wild life therein, authorises the issue of such permit: Destruction, etc., in a sanctuary prohibited without a permit.

Provided that where the forest produce is removed from a sanctuary the same may be used for meeting the personal *bona fide* needs of the people living in and around the sanctuary and shall not be used for any commercial purpose.

*Explanation.*—For the purposes of this section, grazing or movement of livestock permitted under clause (d) of section 33 shall not be deemed to be an act prohibited under this section.

\* \* \* \* \*

**33.** The Chief Wild Life Warden shall be the authority who shall control, manage and maintain all sanctuaries and for that purpose, within the limits of any sanctuary,— Control of sanctuaries.

(a) may construct such roads, bridges, buildings, fences or barrier gates, and carry out such other works as he may consider necessary for the purposes of such sanctuary:

Provided that no construction of commercial tourist lodges, hotels, zoos and safari parks shall be undertaken inside a sanctuary except with the prior approval of the National Board.

\* \* \* \* \*

*National Parks*

**35.** (1) \* \* \* \* \* Declaration of National Parks.

(8) The provisions of sections 27 and 28, sections 30 to 32 (both inclusive), and clauses (a), (b) and (c) of 4 [section 33, section 33A shall, as far as may be, apply in relation to a National Park as they apply in relation to a sanctuary.

\* \* \* \* \*

|  |   |
|--|---|
| Community<br>reserve<br>management<br>committee. | <b>36D.</b> (1) * * * * *   |
|  | (2) The committee shall consist of five representatives nominated by the Village Panchayat or where such Panchayat does not exist by the members of the Gram Sabha and one representative of the State Forests or Wild Life Department under whose jurisdiction the community reserve is located. |
|  | * * * * *   |

*Sanctuaries or National Parks declared by Central Government*

|   |   |
|---|---|
| Power of<br>Central<br>Government<br>to declare<br>areas as<br>sanctuaries or<br>National<br>Parks. | <b>38.</b> (1) * * * * *  |
|   | (3) In relation to a sanctuary or National Park declared by the Central Government, the powers and duties of the Chief Wild Life Warden under the sections referred to in sub-sections (1) and (2), shall be exercised and discharged by the Director or by such other officer as may be authorised by the Director in this behalf and references, in the sections aforesaid, to the State Government shall be construed as references to the Central Government and reference therein to the Legislature of the State shall be construed as a reference to Parliament. |
|   | * * * * *   |

|  |  |
|--|--|
| Constitution<br>of National<br>Tiger<br>Conservation<br>Authority. | <b>38L.</b> (1) * * * * *  |
|  | (2) The Tiger Conservation Authority shall consist of the following members, namely:-  |
|  | * * * * *  |
|  | (o) Inspector-General of Forests or an officer of the equivalent rank having at least ten years experience in a tiger reserve or wildlife management, who shall be the Member-Secretary, |
|  | to be notified by the Central Government, in the Official Gazette.   |
|  | * * * * *  |

CHAPTER IVC

TIGER AND OTHER ENDANGERED SPECIES CRIME CONTROL BUREAU

|  |  |
|--|--|
| Constitution<br>of Tiger and<br>other<br>Endangered<br>Species Crime<br>Control<br>Bureau. | <b>38Y.</b> The Central Government may, for the purposes of this Act, by order published in the Official Gazette, constitute a Tiger and other Endangered Species Crime Control Bureau to be known as the Wildlife Crime Control Bureau consisting of— |
|  | * * * * *  |
|  | (e) the Additional Commissioner (Customs and Central Excise)-Joint Director;   |
|  | and  |
|  | * * * * *  |

|               |  |
|---------------|--|
| Declarations. | <b>40.</b> (1) Every person having at the commencement of this Act the control, custody or possession of any captive animal specified in Schedule I or Part II of Schedule II, or animal article, trophy or uncured trophy] derived from such animal or salted or dried skins of such animal or the musk of a musk deer or the horn of a rhinoceros, shall, within thirty days from the commencement of this Act, declare to the Chief Wild Life Warden or the authorised officer the number and description of the animal, or article of the foregoing description under his control, custody or possession and the place where such animal or article is kept. |
|               | (2) No person shall, after the commencement of this Act, acquire, receive, keep in his control, custody or possession, sell, offer for sale or otherwise transfer or transport any animal specified in Schedule I or Part II of Schedule II or any uncured trophy or meat derived from such animal, or the salted or dried skins of such animal or the musk of a musk deer or  |

the horn of a rhinoceros, except with the previous permission in writing of the Chief Wild Life Warden or the authorised officer.

16 of 2003. (2A) No person other than a person having a certificate of ownership, shall, after the commencement of the Wild Life (Protection) Amendment Act, 2002 acquire, receive, keep in his control, custody or possession any captive animal, animal article, trophy or uncured trophy specified in Schedule I or Part II of Schedule II, except by way of inheritance.

(2B) Every person inheriting any captive animal, animal article, trophy or uncured trophy under sub-section (2A) shall, within ninety days of such inheritance make a declaration to the Chief Wild Life Warden or the authorised officer and the provisions of sections 41 and 42 shall apply as if the declaration had been made under sub-section (1) of section 40:

Provided that nothing in sub-sections (2A) and (2B) shall apply to the live elephant.

\* \* \* \* \*

(4) The State Government may, by notification, require any person to declare to the Chief Wild Life Warden or the authorised officer any animal or animal article or trophy (other than a musk of a musk deer or horn of a rhinoceros) or salted or dried skins derived from an animal specified in Schedule I or Part II of Schedule II in his control, custody or possession in such form, in such manner, and within such time, as may be prescribed.

40A. (1) Notwithstanding anything contained in sub-sections (2) and (4) of section 40 of this Act, the Central Government may, by notification, require any person to declare to the Chief Wild Life Warden or the authorised officer, any captive animal, animal article, trophy or uncured trophy derived from animals specified in Schedule I or Part II of Schedule II in his control, custody or possession, in respect of which no declaration had been made under sub-section (1) or sub-section (4) of section 40, in such form, in such manner and within such time as may be prescribed.

Immunity in certain cases.

\* \* \* \* \*

41. (1) On receipt of a declaration made under section 40, the Chief Wild Life Warden or the authorised officer may, after such notice, in such manner and at such time, as may be prescribed,—

Inquiry and preparation of inventories.

\* \* \* \* \*

(b) make inquiries and prepare inventories of animal articles, trophies, uncured trophies, salted and dried skins and captive animals specified in Schedule I and Part II of Schedule II and found thereon; and

\* \* \* \* \*

48. No licensee under this Chapter shall—

Purchase of animals, etc., by licensee.

\* \* \* \* \*

(b) (i) capture any wild animal, or

(ii) acquire, receive keep in his control, custody or possession, or sell, offer for sale or transport, any captive animal specified in Schedule I or Part II of Schedule II or any animal article trophy, uncured trophy or meat derived therefrom or serve such meat, or put under a process of taxidermy or make animal article containing part or whole of such animal,

except in accordance with such rules as may be made tinder this Act;

\* \* \* \* \*



CHAPTER VA

PROHIBITION OF TRADE OR COMMERCE IN TROPHIES, ANIMAL ARTICLES, ETC., DERIVED FROM CERTAIN ANIMALS

Definitions.

**49A.** In this Chapter,—

(a) "Scheduled animal" means an animal specified for the time being in Schedule I or Part II of Schedule II;

\* \* \* \* \*

(c) "Specified date" means—

\* \* \* \* \*

(ii) in relation to any animal added or transferred to Scheduled I or Part II of Schedule II at any time after such commencement, the date of expiry of two months from such addition or transfer.

\* \* \* \* \*

CHAPTER VI

PREVENTION AND DETECTION OF OFFENCES

Power of entry, search, arrest and detention.

**50.** (1) Notwithstanding anything contained in any other law for the time being in force, the Director or any other officer authorised by him in this behalf or the Chief Wild Life Warden or the authorised officer or any forest officer or any police officer not below the rank of a sub-inspector, may, if he has reasonable grounds for believing that any person has committed an offence against this Act,—

(a) require any such person to produce for inspection any captive animal, wild animal, animal article, meat, trophy or trophy, uncured trophy, specified plant or part or derivative thereof in his control, custody or possession, or any licence, permit or other document granted to him or required to be kept by him under the provisions of this Act;

\* \* \* \* \*

(c) seize any captive animal, wild animal, animal article, meat, trophy or uncured trophy, or any specified plant or part or derivative thereof, in respect of which an offence against this Act appears to have been committed, in the possession of any person together with any trap, tool, vehicle, vessel or weapon used for committing any such offence and, unless he is satisfied that such person will appear and answer any charge which may be preferred against him, arrest him without warrant, and detain him:

Provided that where a fisherman, residing within ten kilometres of a sanctuary or National Park, inadvertently enters on a boat, not used for commercial fishing, in the territorial waters in that sanctuary or National Park, a fishing tackle or net on such boat shall not be seized.

\* \* \* \* \*

Penalties.

**51.** (1) Any person who contravenes any provision of this Act (except Chapter VA and section 38J) or any rule or order made thereunder or who commits a breach of any of the conditions of any licence or permit granted under this Act, shall be guilty of an offence against this Act, and shall, on conviction, be punishable with imprisonment for a term which may extend to three years, or with fine which may extend to twenty-five thousand rupees, or with both:

Provided that where the offence committed is in relation to any animal specified in Schedule I or Part II of Schedule II or meat of any such animal or animal article, trophy or

uncured trophy derived from such animal or where the offence relates to hunting in a sanctuary or a National Park or altering the boundaries of a sanctuary or a National Park, such offence shall be punishable with imprisonment for a term which shall not be less than three years but may extend to seven years and also with fine which shall not be less than ten thousand rupees:

Provided further that in the case of a second or subsequent offence of the nature mentioned in this sub-section, the term of the imprisonment shall not be less than three years but may extend to seven years and also with fine which shall not be less than twenty-five thousand rupees.

\* \* \* \* \*

**51A.** When any person accused of, the commission of any offence relating to Schedule I or Part II of Schedule II or offences relating to hunting inside the boundaries of National Park or wild life sanctuary or altering the boundaries of such parks and sanctuaries, is arrested under the provisions of the Act, then notwithstanding anything contained in the Code of Criminal Procedure, 1973 no such person who had been previously convicted of an offence under this Act shall, be released on bail unless—

Certain conditions to apply while granting bail.

2 of 1974.

\* \* \* \* \*

**54. (1)** \* \* \* \* \*

Power to compound offence.

(4) The sum of money accepted or agreed to be accepted as composition under sub-section (1) shall, in no case, exceed the sum of twenty-five thousand rupees:

Provided that no offence, for which a minimum period of imprisonment has been prescribed in section 51, shall be compounded.

\* \* \* \* \*

**57.** Where, in any prosecution for an offence against this Act, it is established that a person is in possession, custody or control of any captive animal, animal article, meat, trophy, uncured trophy, specified plant, or part or derivative thereof it shall be presumed, until the contrary is proved, the burden of proving which shall lie on the accused, that such person is in unlawful possession, custody or control of such captive animal, animal article, meat, trophy, uncured trophy, specified plant, or part or derivative thereof.

Presumption to be made in certain cases.

\* \* \* \* \*

**61. (1)** The Central Government may, if it is of opinion that it is expedient so to do, by notification, add or delete any entry to or from any Schedule or transfer any entry from one Part of a Schedule to another Part of the same Schedule or from one Schedule to another.

Power to alter entries in Schedules.

\* \* \* \* \*

**62.** The Central Government may, by notification, declare any wild animal other than those specified in Schedule I and Part II of Schedule II to be vermin for any area and for such period as may be specified therein and so long as such notification is in force, such wild animal shall be deemed to have been included in Schedule V.

Declaration of certain wild animals to be vermin.

\* \* \* \* \*

## SCHEDULE I

(See sections 2, 8, 9, 11, 40, 41, 43, 48, 51, 61 and 62)

### PART I

#### MAMMALS

1. Andaman Wild pig (*Susandamanensis*).
- 1-A. Bharal (*Ovis nahura*).
- 1-B. Binturong (*Arctictis binturong*).
2. Blackbuck (*Antelope cervicapra*)
3. Brow-antlered deer or Thamin (*Cervus eldi*.)
- 3-A. Himalayan Brown bear (*Ursus Arctos*).
- 3-B. Capped Langur (*Presbyx pileatus*).
4. Caracal (*Felis caracal*).
- 4A. Catecean spp.
5. Cheetah (*Acinonyx jubatus*).
- 5-A. Chinese Pangolin (*Mainis pentadactyla*).
- 5-B. Chinkara or Indian Gazelle (*Gazella gazella bennetti*).
6. Clouded leopard (*Neofelis nebulosa*).
- 6-A. Crab-eating Macaque (*Macaca irus umbrosa*).
- 6-B. Desert Cat (*Felis libyca*).
- 6-C. Desert fox (*Vulpes bucapus*).
7. Dugong (*Dugong dugon*).
- 7-A. Ermine (*Mustele erminea*).
8. Fishing Cat (*Felis viverrina*).
- 8-A. Four-horned antelope (*Tetraceros quadricornis*).
- 8-D. Gangetic dolphin (*Platanista gangetica*).
- 8-E. Gaur or Indian bison (*Bos gaurus*).
9. Golden cat (*Felis temmincki*).
10. Golden langur (*Presbytis geei*).
- 10-A. Giant squirrel (*Ratufa macroura*).
- 10-B. Himalayan Ibex (*Capra ibex*).
- 10-C. Himalayan Tahr (*Hemitragus jemlahicus*).
11. Hispid Hare (*Caprolagus hispidus*).
- 11-A. Hog badger (*Arctonyx collaris*).
12. Hoolock (*Hylobates hoolock*).

- 12-B. Indian Elephant (*Elephas maximus*).
- 13. Indian lion (*panthera leo persica*).
- 14. Indian wild Ass (*Equus homionus khur*).
- 15. Indian wolf (*Canis lupas pallipes*).
- 16. Kashmir Stag (*Cervus elaphus hanglu*).
- 16-A. Leaf monkey (*Presbytis phayrei*).
- 16-B. Leopard or Panther (*Panthera pardus*).
- 17. Leopard Cat (*Felis bengalensis*).
- 18. Lesser or Red Panda (*Ailurus fulgens*).
- 19. Lion Tailed macaque (*Macaca silenus*).
- 20. Loris (*Loris tardigradus*).
- 20-A. Little Indian Porpoise (*Neomeris phocenoides*).
- 21. Lynx (*Felis lynx isabellinus*).
- 22. Malabar Civet (*Viverra megaspila*).
- 22-A. Malay or Sun bear (*Helarctos malayanus*).
- 23. Marbled cat (*Felis marmorata*).
- 24. Markhor (*Capra falconeri*).
- 24-A. Mouse Deer (*Tragulus meminna*).
- 25. Musk Deer (*Moschus moschiferus*).
- 25-A. Nilgiri Lungur (*Presbytis johni*).
- 25-B. Nilgiri Tahr (*Hemitragus hylocrius*).
- 26. Nyan or Great Tibetan sheep (*Ovis ammon hodgsoni*).
- 27. Pallas's cat (*Felis manul*).
- 28. Pangolin (*Manis crassicaudata*).
- 29. Pygmy Hog (*Sus salvanius*).
- 29-A. Ratel (*Mellivora capensis*).
- 30. Rhinoceros (*Rhinoceros unicornis*).
- 31. Rusty Spotted Cat (*Felis rubiginosa*).
- 31-A. Serow (*Capricornis sumatraensis*).
- 31-B. Clawless Otter (*Aonyx cinerea*).
- 31-C. Sloth Bear (*Melursus ursinus*).
- 32. Slow Loris (*Nyeticebus coucang*).
- 32-A. Small Travancore Flying Squirrel (*Petinomys fuscopapillus*).
- 33. Snow Leopard (*Panthera uncia*).
- 33-A. Snubfin Dolphin (*Orcaella brevezastri*).
- 34. Spotted Linsang (*Prionodon pardicolor*).
- 35. Swamp Deer (*All sub-species of Cervus duvauceli*).

36. Takin or Mishmi Takin (*Budorcas taxicolor*).
- 36-A. Tibetan Antelope or Chiru (*Panthelops hodgsoni*).
- 36-B. Tibetan Fox (*Vulpes ferrilatus*).
37. Tibetan Gazelle (*Procapra picticaudata*).
38. Tibetan Wild Ass (*Equus hemionus kiang*).
39. Tiger (*Panthera tigris*).
40. Urial or Shapu (*Ovis vignei*).
41. Wild Buffalo (*Bubalus bubalis*).
- 41-A. Wild Yak (*Bos grunniens*).
- 41-B. Tibetan Wolf (*Canis lupus chanco*).
42. Wroughton's free tailed bat (*Otomops wroughtoni*)
43. Salim Ali's fruit bat (*Latidens salimalii*)
44. Hog Deer (*Axis Porcinus*)

## PART II

## AMPHIBIANS AND REPTILES

1. Agra Monitor Lizard *Varanus griseus* (*Daudin*).
- 1-B. Audithia Turtle (*Pelochelys bibroni*).
- 1-C. Barred, Oval, or Yellow Monitor Lizard (*Varanus flavescens*).
- 1-D. Crocodiles (Including the Estuarine or saltwater crocodile) (*Crocodilus porusus and Crocodilus palustris*).
- 1-E. Terrapin (*Batagur baska*).
- 1-F. Eastern Hill Terrapin (*Melanochelys tricarinata*).
2. Gharial (*Gravialis gangeticus*).
3. Ganges Soft-shelled Turtle (*Trionyx gangeticus*).
- 3-A. Golden Gecko (*Caloductyloides aureus*).
4. Green Sea Turle (*Chelonia Mydas*).
5. Hawksbill Turtle (*Eretmochelys imbricata imbriscata*).
7. Indian Egg eating Snake (*Elachistodon westermanni*).
8. Indian Soft-shelled Turtle (*Lissemys punctata punctata*).
9. Indian Tent Turtle (*Kachuga tecta tecta*).
- 9-A. Kerala Forest Terrapin (*Hoesemys sylratica*).
10. Large Bengal Monitor Lizard (*Varanus bengalensis*).
11. Leathery Turtle (*Dermochelys coriacea*).
12. Logger Head Turtle (*Caretta caretta*).
13. Olive Back Logger Head Turtle (*Lepidochelys olivacea*).
14. Peacock-marked Solf-shelled Turtle (*Trionyx hurum*).

- 14-A. Pythons (*Genus python*).
- 14B. Sail terrapin (*Kachuga kachuga*).
- 14C. Spotted black Terrapin (*Geoclemys hamiltoni*).
- 17-A. Water Lizard (*Varanus salvator*).

## PART IIA

## FISHES

- 1. Whale Shark (*Rhincodon typus*).
- 2. Shark and Ray.
  - (i) Anoxypristis cuspidate
  - (ii) Carcharhinus hemiodon
  - (iii) Glyphis gangeticus
  - (iv) Glyphis glyphis
  - (v) Himantura fluviatilis
  - (vi) Pristis microdon
  - (vii) Pristis zijsron
  - (viii) Rhybchobatus djiddensis
  - (ix) Urogymnus asperrimus.
- 3. Sea Horse (*All Sygnathidians*).
- 4. Giant Grouper (*Ephinephelus lanceolatus*).

## PART III

## BIRDS

- 1. Andaman Teal (*Anas gibberifrons allagularis*).
- 1-A. Assam Bamboo Partridge (*Bambusicola fytchii*).
- 1-B. Bazas (*Aviceda jeordone and Aviceda leuphotes*).
- 1-C. Bengal Florican (*Eupodotis bengalensis*).
- 1-D. Black-necked crane (*Grus nigriocollis*).
- 1-E. Blood Pheasants (*Ithaginis cruentus tibetanus, Ithaginis Cruentus kuseri*).
- 2. Cheer Pheasant (*Catreus wallichi*).
- 2-A. Eastern White Stork (*Ciconia ciconia boyciana*).
- 2-B. Forest spotted Owlet (*Athene blewitti*).
- 2-C. Frogmouths (*Genus batrachostomus*).
- 3. Great Indian Bustard (*Choriotis nigriceps*).
- 4. Great Indian Hornbill (*Buceros bicornis*).
- 4-A. Hawks (*fam. Accipitridae*).
- 4-B. Hooded Crane (*Grus monacha*).

- 4-C. Hornbills (*Ptilolaemus tickelli austeni*, *Aceros nipalensis*, *Rhyticeros undulates ticehursti*).
- 4-D. Houbara Bustard (*Chlamydotis undulata*).
- 4-E. Humes Bar-backed Pheasant (*Syrmaticus humiae*).
- 4-F. Indian Pied Hornbill (*Anthracoceros malabaricus*).
- 5. Jerdon's Courser (*Cursorius bitorquatus*).
- 6. Lammergeier (*Gypaetus barbatus*).
- 7. Large Falcons (*Falco peregrinus*, *Falco biarmicus* and *Falco chicuera*).
- 7-A. Large Whistling Teal (*Dendrocygna bicolor*).
- 7-B. Lesser Florican (*Sypheotides indica*).
- 7-C. Monal Pheasants (*Lophophorus imperyanus*, *Lophophorus Sclateri*).
- 8. Mountain Quail (*Ophrysia superciliosa*).
- 9. Narcondam Hornbill (*Rhyticeros (undulatus ) marcondami*).
- 10. Nicobar Megapode (*Megapodius freycinet*).
- 10-A. Nicobar Pigeon (*Caloenas nicobarica pelewensis*).
- 10-B. Osprey or Fish-eating Eagle (*Pandion haliaetus*).
- 10-C. Peacock Pheasants (*Polyplectron bicalcaratum*).
- 11. Peafowl (*Pavo cristatus*).
- 12. Pink-headed duck (*Rhodonessa caryophyllacea*).
- 13. Scater's Monal (*Lophophorus sclateri*).
- 14. Siberian White Crane (*Grus leucogeranus*).
- 14B. Tibetan Snow-Cock (*Tetraogallus tibetanus*).
- 15. Tragopan Pheasants (*Tragopan melanocephalus*, *Tragopan blythii*, *Tragopan satyra*, *Tragopan temminckii*).
- 16. White-bellied Sea Eagle (*Haliaetus leucogaster*).
- 17. White-eared Pheasant (*Crossoptilon crossoptilon*).
- 17-A. White Spoonbill (*Platalea leucorodia*).
- 18. White-winged Wood Duck (*Cairina scutulata*).
- 19. Swiftlets (*Collocaliaunicolor* and)
- 20. Hill myna (*Gracula religiosa intermedia*, *Gracula religiosa peninsularis*, *Gracula religiosa indica* and *Gracula religiosa andamanesis*)
- 21. Tibetan ear pheasant (*Crossoptilon harmani*)
- 22. Kalij pheasant (*Lophurs leucomelana*)
- 23. Lord Derby's parakeet (*Psittacula derbyana*)
- 24. Vultures (*Gyps indicus*, *Gyps bengalensis*, *Gypstenuirostris*)
- 25. White bellied hereon (*Ardea insignis*)

## CRUSTACEA AND INSECTS

## 1. Butterflies and Moths

| <b>Family Amathusidae</b>          | Common English name           |
|------------------------------------|-------------------------------|
| <i>Discophora deo deo</i>          | Duffer, banded                |
| <i>Discophora sondaica muscina</i> | Duffer, common                |
| <i>Faunis faunula faunuloides</i>  | Pallid fauna                  |
| <b>Family Danaidae</b>             |                               |
| <i>Danaus gautama gautamoides</i>  | Tigers                        |
| <i>Euploea crameri nicevillei</i>  | Crow, spotted Black           |
| <i>Euploea midamus roepstorfti</i> | Crow, Blue-spotted            |
| <b>Family Lycaenidae</b>           |                               |
| <i>Allotinus drumila</i>           | Darkie, crenulate/Great       |
| <i>Allotinus fabius penormis</i>   | Angled darkie                 |
| <i>Amblopala avidiena</i>          | Hairstreak, Chinese           |
| <i>Amblypodia ace arata</i>        | Leaf Blue                     |
| <i>Amblypodia alea constanceae</i> | Rosy Oakblue                  |
| <i>Amblypodia ammonariel</i>       | Malayan Bush blue             |
| <i>Amblypodia arvina ardea</i>     | Purple Brown tailless Oakblue |
| <i>Amblypodia asopia</i>           | Plain tailless Oakblue        |
| <i>Amblypodia comica</i>           | Comic Oakblue                 |
| <i>Amblypodia opalima</i>          | Opal Oakblue                  |
| <i>Amblypodia zeta</i>             | Andaman tailless Oakblue      |
| <i>Biduanda melisa cyara</i>       | Blue posy                     |
| <i>Callophrys leechii</i>          | Hairstreak, Ferruginous       |
| <i>Catalius rosimon alarbus</i>    | Pierrot, common               |
| <i>Charana cepheis</i>             | Mandar in Blue, Cachar        |
| <i>Chiloria othona</i>             | Tit, orchid                   |
| <i>Deudoryx epijarbas amatius</i>  | Cornelian, scarce             |
| <i>Everes moorei</i>               | Cupid, Moore's                |
| <i>Gerydus biggsii</i>             | Bigg's Brownie                |
| <i>Gerydus symethus diopeithes</i> | Great Brownie                 |
| <i>Helipohorus hybrida</i>         | Sapphires                     |
| <i>Horaga albimacula</i>           | Onyxes                        |
| <i>Jamides ferrari</i>             | Caeruleans                    |
| <i>Liphyra brassolis</i>           | Butterfly, Moth               |
| <i>Listeria dudgeni</i>            | Lister's hairstreak           |



|   |                           |
|---|---------------------------|
| <i>Logania Watsoniana subfasciate</i>   | Mottle, Watsen's          |
| <i>Lycaenopsis binghami</i>             | Hedge Blue                |
| <i>Lycaenopsis haraldus ananga</i>      | Hedge Blue, Felder's      |
| <i>Lycaenopsis puspa prominens</i>      | Common hedge Blue         |
| <i>Lycaenopsis quadriplaga dohertyi</i> | Naga hedge Blue           |
| <i>Nacaduba noreia hampsoni</i>         | Lineblue, White-tipped    |
| <i>Polymmatius oritulus leela</i>       | Greenish mountain Blue    |
| <i>Pratapa lctas mishmia</i>            | Royal, dark Blue          |
| <i>Simiskina phalena harterti</i>       | Brilliant, Broadlanded    |
| <i>Sinthusia Virgo</i>                  | Spark, Pale               |
| <i>Spindasis elwesi</i>                 | Silverline, Elwes's       |
| <i>Spindasis rukmini</i>                | Silverline, Khaki         |
| <i>Strymoni mackwoodi</i>               | Hairstreak, Mackwood's    |
| <i>Tajuria ister</i>                    | Royal, uncertain          |
| <i>Tajuria luculentus nela</i>          | Royal, Chinese            |
| <i>Tajuria yajna yajna</i>              | Royal, Chestnut and Black |
| <i>Thecla ataxus zulla</i>              | Wonderful hairstreak      |
| <i>Thecla bleti mendera</i>             | Indian Purple hairstreak  |
| <i>Thecla lethia</i>                    | Watson's hairstreak       |
| <i>Thecla paona</i>                     | Paona hairstreak          |
| <i>Thecla pavo</i>                      | Peacock hairstreak        |
| <i>Virachola smilis</i>                 | Guava Blues               |
| <b>Family Nymphalidae</b>               |                           |
| <i>Apatura ulupi ulupi</i>              | Emperor, Tawny            |
| <i>Argynnis hegemon</i>                 | Silver-washed fritillary  |
| <i>Callnaga buddha</i>                  | Freak                     |
| <i>Chrxes durnfordi nicholi</i>         | Rajah, chestnut           |
| <i>Cirrochroa fasciata</i>              | Yeomen                    |
| <i>Diagora nicevillei</i>               | Siren, Scarce             |
| <i>Dillpa morgiana</i>                  | Emperor, Golden           |
| <i>Doleschallia bisaltide andamana</i>  | Autuman leaf              |
| <i>Eriboea moori sandakanas</i>         | Malyan Nawab              |
| <i>Eriboea schreiberi</i>               | Blue Nawab                |
| <i>Eulaceura manipurensis</i>           | Emperor, Tytler's         |
| <i>Euthaila durga splendens</i>         | Barons/Connis/Duchesses   |
| <i>Euthalia iva</i>                     | Duke, Grand               |
| <i>Euthalia Khama Curvifascia</i>       | Duke, Naga                |

|   |                             |
|---|-----------------------------|
| <i>Euthalia tellchinia</i>                | Baron, Blue                 |
| <i>Helcyra hemina</i>                     | Emperor, White              |
| <i>Hypolimnas missipus</i>                | Eggfly, Danaid              |
| <i>Limenitis austenia purpurascens</i>    | Commodore, Grey             |
| <i>Limenitis zulema</i>                   | Admirals                    |
| <i>Melitaea shandura</i>                  | Fritillaries/Silverstripes  |
| <i>Neptis antilope</i>                    | Sailer, variegated          |
| <i>Neptis aspasia</i>                     | Sailer, Great Hockeystick   |
| <i>Neptis columella kankena</i>           | Sailer, Short-banded        |
| <i>Neptis cydippe kirbariensis</i>        | Sailer, Chinese yellow      |
| <i>Neptis ebusa</i>                       | Sailer/ Lascar              |
| <i>Neptis jumbah binghami</i>             | Sailer, chestnut-streaked   |
| <i>Neptis manasa</i>                      | Sailer, Pale Hockeystick    |
| <i>Neptis nycteus</i>                     | Sailer, Hockeystick         |
| <i>Neptis poona</i>                       | Lascar, tytler's            |
| <i>Neptis sankara</i>                     | Sailer, Board-banded        |
| <i>Panthoporia jina jina</i>              | Bhutan sergeant             |
| <i>Panthorpria reta moorei</i>            | Malay staff sergeant        |
| <i>Prothoc franckii regalis</i>           | Begum, Blue                 |
| <i>Sasakia funebris</i>                   | Empress                     |
| <i>Seophisa chandra</i>                   | Courtier, Eastern           |
| <i>Symbrenthia silana</i>                 | Jester, Scarce              |
| <i>Vanessa antiopa yedunula</i>           | Admirable                   |
| <b>Family Papilionidae</b>                |                             |
| <i>Chilasa clytea clytea f. commixtus</i> | Common mime                 |
| <i>Papilio elephenor</i>                  | Spangle, yellow-crested     |
| <i>Papilio liomedon</i>                   | Swallowtail, Malabar Banded |
| <i>Parnassius aeco geminifer</i>          | Apollo                      |
| <i>Parnassius delphius</i>                | Banded apollo               |
| <i>Parnassius hannyingtoni</i>            | Hannyington's apollo        |
| <i>Parnassius imperator augustus</i>      | Imperial apollo             |
| <i>Parnassium stoliezkanus</i>            | Ladakh Banded Apollo        |
| <i>Polydorus coon sambilanga</i>          | Common clubtail             |
| <i>Polydorus cerassipes</i>               | Black windmill              |
| <i>Polydorus hector</i>                   | Crimson rose                |
| <i>Polydorus nevillei</i>                 | Nevill's windmill           |
| <i>Polydorus plutonius pembertoni</i>     | Chinese windmill            |

|  |                            |
|--|----------------------------|
| <i>Polydorus polla</i>                             | Deniceylle's windmill.     |
| <b>Family Pleridae</b>                             |                            |
| <i>Aporia harrietae harrietae</i>                  | Black veins                |
| <i>Baltia butleri sikkima</i>                      | White butterfly            |
| <i>Colias colians thrasibulus</i>                  | Clouded yellows            |
| <i>Colias dubi</i>                                 | Dwarf clouded yellow       |
| <i>Delias samaca</i>                               | Jezebel, pale              |
| <i>Pieris krueperi devta</i>                       | Butterfly cabbage/White II |
| <b>Family Satyriidae</b>                           |                            |
| <i>Coelitis monthis adamsoni</i>                   | Cat's eye, Scarce          |
| <i>Cylogenes janetae</i>                           | Evening Brown, Scarce      |
| <i>Elymnias peali</i>                              | Palmfly, Peal's            |
| <i>Elymnias penanga philasis</i>                   | Palmfly, Painted           |
| <i>Erebia annada annada</i>                        | Argus, ringed              |
| <i>Erebia nara singha nara singha</i>              | Argus, Mottled             |
| <i>Lethe, distans</i>                              | Forester, Scarce Red       |
| <i>Lethe dura gammiee</i>                          | Lilacfork, Scarce          |
| <i>Lethe europa tamuna</i>                         | Bamboo tree brown          |
| <i>Lethe gemina gafuri</i>                         | Taylor's tree brown        |
| <i>Lethe guluihal guluihal</i>                     | Forester, Dull             |
| <i>Lethe margaritae</i>                            | Tree brown, Bhutan         |
| <i>Lethe ocellata lyncus</i>                       | Mystic, dismal             |
| <i>Lethe ramadeva</i>                              | Silverstripe, Single       |
| <i>Lethe satyabati</i>                             | Forester, pallid           |
| <i>Mycalesis orseis nautilus</i>                   | Bushbrown, Purple          |
| <i>Pararge menava maeroides</i>                    | Wall dark                  |
| <i>Yothima dohertyi persimisis</i>                 | Five ring, Great           |
| 1-A.Coconut or Robber Carb ( <i>Bigrus latro</i> ) |                            |
| 2. Dragon Fly ( <i>Epioplebia laidlawi</i> )       |                            |

## PART IVA

## COELENTERATES

1. Reef Building Coral (All Scleractinians).
2. Black Coral (All Antipatharians).
3. Organ Pipe Coral (*Tubipora musica*).
4. Fire Coral (All *Millipora* Species).
5. Sea Fan (All Gorgonians).

PART IVB

MOLLUSCA

1. Cassis cornuta
2. Charonia tritonis
3. Conus milneedwardsi
4. Cypræacassis rufa
5. Hippopus hippopus
6. Nautilus pompilicis
7. Tridacna maxima
8. Tridacna squamosa
9. Tudicla spirillus.

PART IVC

ECHINODERMATA

Sea Cucumber (*All Holothurians*).

## SCHEDULE II

(See sections 2, 8, 9, 11, 40, 41, 43, 48, 51, 61 and 62)

### PART I

- 1-A. Assamese macaque (*Macaca assamensis*).
2. Bengal Porcupine (*Atherurus mecrourus assamensis*).
- 3-A. Bonnet macaque (*Macaca radiata*).
- 3-C. Cetatean spp. (other than those listed in Sch. I and Sch.II, Part II).
- 4-A. Common langur (*Presbytis entellus*).
7. Ferret Badgers (*Melogale moschata*, *Melogale personata*).
11. Himalayan Crestless Porcupine (*Hystrix hodgsoni*).
- 11-A. Himalayan Newtor Salamander (*Tyletrotiton verrucosus*).
16. Pig-tailed macaque (*Macaca nemestrina*).
- 17-A. Rhesus macaque (*Macaca mulatta*).
19. Stump-tailed macaque (*Macaca speciosa*).
22. Wild dog or dhole (*Cuon alpinus*).
24. Chameleon (*Chameleon calcaratus*).
25. Spiny-tailed Lizard or Sanda (*Uromastix hardwickii*).

### PART II

1. Beetles

#### Family Carabidae

|                        |                                      |
|------------------------|--------------------------------------|
| Agonotrechus andrewesi | Callistominus belli                  |
| Amara brucei           | Chlaenius championi                  |
| Amara eleganfula       | Chlaenius kanarae                    |
| Brachinus atripennis   | Chlaenius masoni                     |
| Brososoma gracile      | Chlaenius nilgircus                  |
| Brosous bipillifer     | Family Chrysomelidae                 |
| Broter ovicollis       | Acrocrypta rotundata                 |
| Calatlius amaroides    | Bimala indica                        |
| Clitea indica          | Family Erycinidae                    |
| Gopala pita            | Abisara kausambi                     |
| Griva cyanipennis      | Dodona adonira                       |
| Nisotra cardoni        | Dodona dipoea                        |
| Nisotra madurensis     | Dodona egeon                         |
| Nisotra nigripennis    | Libythea lepita Nisotra semicoerulea |

|                                  |                                  |
|----------------------------------|----------------------------------|
| Nisotra striatipennis            | Family Hesperidae                |
| Nonarthra patkaia                | Baoris phidippina                |
| Psylliodes plana                 | Bebasa sena                      |
| Psylliodes shira                 | Halpe homolea                    |
| Sebaethe cervina                 | Family Lycaenidae                |
| Sebaethe patkaia                 | Allotinus subviolaceus manychus  |
| Sphaeroderma brevicorne          | Amblypodia aberrans              |
|                                  | Amblypodia aenea                 |
| <b>Family Cucujidae</b>          | Amblypodia agaba aurelia         |
| Carinophlocus raffrayi           | Amblypodia agrata                |
| Cucujus bicolor                  | Amblypodia alesia                |
| Cucujus grouvelle                | Amblypodia apidanus ahamus       |
| Cucujus imperialis               | Amblypodia areste areste         |
| Heterojinus semilaetaneus        | Amblypodia bazaloides            |
| Laemophloeus belli               | Amblypodia camdeo                |
| Laemophloeus incertus            | Amblypodia ellisi                |
| Pediacus rufipes                 | Amblypodia fulla ignara          |
| genesa watsoni                   | Amblypodia                       |
| <b>Family Inopeplidae</b>        | Amblypodia paraganesa zephyreeta |
| Inopeplus albonotalus            |                                  |
| <b>Family Amathusidae</b>        | Amblypodia paralea               |
| Aemona amathusia amathusia       | Amblypodia silhetensis           |
| Amathusia phildippus andamanicus | Amblypodia suffusa suffusa       |
| Amathusia amythaonam             | Amblypodia yendava               |
| Discophora deo deodoides         | Apharitis lilacinus              |
| Discophora lepida lepida         | Araotes lapithis                 |
| Discophora timora andamanensi    | Artipe eryx                      |
| Enispe cynus                     | Bindahara phocides               |
| Faurds sumeus assama             | Bothrinia chennellial            |
| Sticopthalma nourmahal           | Castalius roxus manluena         |
| Thauria aliris amplifascia       | Catapoecilma delicatum           |
|                                  | Catapoecilma elegans myositina   |
| <b>Family Danaidae</b>           | Charana jalindra                 |
| Euploea melanaleuca              | Cheritrella truncipennis         |
| Euploea midamus rogenhofer       | Chliaria kina                    |
| Deudoryx hypargyria gaetulia     | Pratapa blanka                   |
| Enchrysops onejus                | Pratapa deva                     |
| Everes kalaroi                   | Pratapa icetas                   |

|  |                                       |
|--|---------------------------------------|
| <i>Helipphorus androcles moorei</i>      | <i>Rapala buxaria</i>                 |
| <i>Horage onyx</i>                       | <i>Rapala chandrana chandrana</i>     |
| <i>Horage viola</i>                      | <i>Rapala nasaka</i>                  |
| <i>Hypolycaena nilgirica</i>             | <i>Rapala refalgens</i>               |
| <i>Hypolycaena thecloides nicobarica</i> | <i>Rapala rubida</i>                  |
| <i>Iraota rochana boswelliana</i>        | <i>Rapala scintilla</i>               |
| <i>Jamides alectokandulana</i>           | <i>Rapala ophinx ophinx</i>           |
| <i>Jamides celeodus pura</i>             | <i>Rapala varuna</i>                  |
| <i>Jamides kankena</i>                   | <i>Spindasis elima elima</i>          |
| <i>Lampides boeticus</i>                 | <i>Spindasis lohita</i>               |
| <i>Lilacea albocaerulea</i>              | <i>Spindasis nipalicus .</i>          |
| <i>Lilacea atroguttata</i>               | <i>Suasa lisides</i>                  |
| <i>Lilacea lilacea</i>                   | <i>Surendra todara</i>                |
| <i>Lilacea melaena</i>                   | <i>Tajuria albiplaga</i>              |
| <i>Lilacea minima</i>                    | <i>Tajuria cippus cippus</i>          |
| <i>Logania massalia</i>                  | <i>Tajuria culta</i>                  |
| <i>Lycaenesthes lycaenina</i>            | <i>Tajuria diaeus</i>                 |
| <i>Mahathala ameria</i>                  | <i>Tajuria illurgoodes</i>            |
| <i>Mahathala atkinsoni</i>               | <i>Tajuria illurgis</i>               |
| <i>Magisba malaya presbyter</i>          | <i>Tajuria jangala andamanica</i>     |
| <i>Nacaduba aluta coelestis</i>          | <i>Tajuria melastigma</i>             |
| <i>Nacaduba ancyra aberrans</i>          | <i>Tajuria sebonga</i>                |
| <i>Nacaduba dubiosa fulva</i>            | <i>Tajuria thydia</i>                 |
| <i>Nacaduba helicon</i>                  | <i>Tajuria yajna istroides</i>        |
| <i>Nacaduba hermus majoi</i>             | <i>Tarucus callinara</i>              |
| <i>Nacaduba pactolus</i>                 | <i>Tarucus dharta</i>                 |
| <i>Neucheritra febronia</i>              | <i>Thaduka malticaudata malkarnda</i> |
| <i>Niphanda cymbia</i>                   | <i>Thecla ataxus ataxus</i>           |
| <i>Orthomiella pontis</i>                | <i>Thecla bitel</i>                   |
| <i>Pithecops fulgens</i>                 | <i>Thecla icana</i>                   |
| <i>Polyminatus devanica devanica</i>     | <i>Thecla jakamensis</i>              |
| <i>Polymmatius metallica metallica</i>   | <i>Thecla kabrea</i>                  |
| <i>Polymmatius orbitulus jaloka</i>      | <i>Thecla khasia</i>                  |
| <i>Polymmatius yeonghusbandi</i>         | <i>Thecla kirbariensis</i>            |
| <i>Poritia erycinoides elsiei</i>        | <i>Thecla suroia</i>                  |
| <i>Poritia hewitsoni</i>                 | <i>Thecla syla assamica</i>           |
| <i>Poritia plusrata geta</i>             | <i>Thecla vittata</i>                 |

|                                   |                                  |
|-----------------------------------|----------------------------------|
| Pratapa bhotes                    | Thecla ziba                      |
| Thecla zoa                        | Euthalia merta eriphyle          |
| Thecla usta                       | Euthalia nara nara               |
| Una usta                          | Euthalia patala taocana          |
| Yasoda tripunctata                | Euthalia teuta                   |
| <b>Family Nymphalidae</b>         | Herona marathus andamana         |
| Adolias cyanipardus               | Hypolimnas missipus              |
| Adolias dirtea                    | Hypolimnas polynice birmana      |
| Adolias khasiana                  | Kallima albofasciata             |
| Apatura chevana                   | Kallima alompra                  |
| Apatura parvata                   | Kallima philarchus horsfieldii   |
| Apatura sordida                   | Limenitis austenia austenia      |
| Apatura ulupi florenciae          | Limenitis damava                 |
| Argyrmis adippe pallida           | Limenitis dudu                   |
| Argynnis altissima                | Melitaea robertsi lutko          |
| Argynnis clara clara              | Neptis anjana nashona            |
| Argynnis pales horla              | Neptis aurelia                   |
| Atella Iscippe                    | Neptis magadh khasiana           |
| Calinaga buddha brahaman          | Neptis nandina hamsoni           |
| Charaxes aristogiton              | Neptis narayana                  |
| Charaxes fabius sulphureus        | Neptis radha radha               |
| Charaxes nabruba                  |                                  |
| Claraxes marmax                   | Neptis soma                      |
| Charaxes polyxena herman          | Neptis zaida                     |
| Chersonesia rahria arahrioides    | Neurosigma doublodayi doubledayi |
| Cyrestis cocles                   | Pantoporia asura asura           |
| Diagora persimilis                | Pantoporia kanwa phorkys         |
| Doleschallia bisaltide malabarica |                                  |
| Pantoporia larymna siamensis      |                                  |
| Eriboea athames andamanicus       | Pantoporia pravara a cutipennis  |
| Eriboea delphis                   | Pantoporia ranga                 |
| Eriboea dolon                     | Parthenos sylvia                 |
| Eriboea harcoea lissainei         | Penthema lisarda                 |
| Euripus consimilis                | Symbrenthia niphanda             |
| Euripus halitherses               | Vanesa egea agnicula             |
| Euthalia anosia                   | Vanesa lalbum                    |
| Euthalia cocytus                  | Vanesa polychloros fervida       |



|                                    |                                  |
|------------------------------------|----------------------------------|
| Euthalia duda                      | Vanesa prarsoides dohertyi       |
| Euthalia durga durga               | Vanesa urticae rizama            |
| Futhalia evalina landabilis        | <b>Family Papilionidae</b>       |
| Euthalia francae                   | Bhutanitis liderdalii            |
| Euthalia garuda acontius           | Chilasa epycides epycides        |
| Euthalia lepidea                   | Chilasa paradoxa telearchus      |
| Chilasa slateri slateri            | <b>Family Satyridae</b>          |
| Graphium aristus anticrates        | Aulocera brahminus               |
| Graphium arycies arycles           | Cyllogenes suradeva              |
| Graphium Graphium macronius        | Elymnias melilas milamba         |
| Graphium evemon aibociliates       | Elymnias vasudeva                |
| Graphium gyas gyas                 | Erebia annada suroia             |
| Graphium megarus megaras           | Erebia hygriva                   |
| Papilio bootes                     | Erebia kalinda kalinda           |
| Papilio buddha                     | Erebia manii manii               |
| Papilio fuscus andamanicus         | Erebia seanda opima              |
| Papilio machaon verityi            | Erites falcipennis               |
| Papilio mayo                       | Hipparchis heydenreichi shandura |
| Parnassius charltonius charltonius | Lethe atkinsoni                  |
| Parnassius epaphus hillensis       | Lethe baladeva                   |
| Parnassius jacquemonti jacquemonti | Lethe brisanda                   |
| Polydorus latreillei kabrua        | Lethe goalpara goalpara          |
| Polydorus plutonius tytleri        | Lethe insana insana              |
| Teinopalpus imperialis imperialis  | Lethe jalaurida                  |
| <b>Family Pieridae</b>             | Lethe kaubra                     |
| Aporia nabellica                   | Lethe Iatiaris latiaris          |
| Appias albina darada               | Lethe moelleri moelleri          |
| Appias indra shiva                 | Lethe naga naga                  |
| Appias lyncida latifasciata        | Lethe nicetella                  |
| Appias wardi                       | Lethe pulaha                     |
| Baltia butleri butleri             | Lethe scanda                     |
| Cepora nadian remba                | Lethe serbonis                   |
| Cepora nerissa dapha               | Lethe siderca                    |
| Colias eocandica hinducucica       | Lethe sinorix                    |
| Colias eogene                      | Lethe tristigmata                |
| Colias ladakensis                  | Lethe violaceudicta kanjupkula   |
| Colias stoliczkana miranda         | Lethe visrava                    |

|                            |                           |
|----------------------------|---------------------------|
| Delias lativitta           | Lethe yama                |
| Dercas lycorias            | Maniola davendra davendra |
| Euchloe charlonia Iucilla  | Melanitis zitanius        |
| Eurema andersoni ormistoni | Mycalesis adamsoni        |
| Metaporia agathon          | Mycalesis anaxias         |
| Pieris deota               | Mycalesis botama chamka   |
| Pontia chloridice alipina  | Mycalesis heri            |
| Saletara panda Chrysaea    | Mycalesis lepcha bethami  |
| Valeria avatar avatar      | Mycalesis malsarida       |
| Mycalesis misenus          | Pararge macrula maefula   |
| Mycalesis mestra           | Ragadia crislda crito     |
| Mycalesis mystes           | Rhpicera sitricus kabrua  |
| Mycalesis suavolens        | Ypthima bolanica          |
| Neorina hilda              | Ypthima lycus lycus       |
| Neorina patria westwoodii  | Ypthima mathora mathora   |
| Oeneis buddha guruhwlica   | Ypthima similis affectata |
| Parantirrhoea marshali     | Zipotis saitis]           |

- 1-A. Civets (*all species of Viverridae except Malabar civet*).
- 1-B. Common fox (*Vulpes bengalensis*).
- 1-C. Flying squirrels (*all species of the genera Bulopetes, Petaurista, Pelomys and Eupetaurus*).
- 1-D. Giant squirrels (*Ratufa indica, and Ratufabicolor*).
2. Himalayan brown bear (*Ursus arctos*).
- 2-A. Himalayan black bear (*Selenarctos thibetanus*).
- 2-B. Jackal (*Canis aureus*).
- 2-C. Jungle cat (*Felis chaus*).
- 2-D. Marmots (*Marmota bobak himalayana, M. caudata*).
- 2-E. Martens (*Martes foria intermedia, Martes flavigule, Martes gwatkinsii*).
4. Otters (*Luthra, L. perspicillata*).
- 4-A. Pole cats (*Vormela peregusna, Mustila putorius*).
- 4-B. Red fox (*Vulpes vulpes, vulpes Montana, vulpes griffithi*).
- 5A. Sperm whale (*Physeter macrocephalus*).
7. Weasels (*Mustela Sibirica, Mustela Kathian, Mustela Altaica*).
8. Checkered keelback snake (*Xenochrophis piscatar*).
9. Dhaman or rat snak (*Plyas mucosus*).
10. Dog-faced water snake (*Cerberus rhynchopi*).
11. Indian cobras (*all sub-species belonging to genus Naja*).
12. King cobra (*Ophiophagus hannah*).

13. Oliveaceous keel back (*Artretium schistosum*).
14. Russel's viper (*Vipera ruselli*).
15. Varanus species (*excluding yellow monitor lizard*).
16. Mongooses (*All species of genus Herpestes*)
17. Grey jungle fowl (*Gallus sonnerati*)

### SCHEDULE III

(See sections 2, 8, 11 and 61)

2. Barking deer or muntjac (*Muntiacus muntjak*).
5. Chital (*Axix axis*).
7. Gorals (*Nemorhaedus goral*, *Nemorhaedus hodgsoni*).
12. Hyaena (*Hyaena hyaena*).
14. Nilgai (*Boselaphus tragocamelus*).
16. Sambar (*Cervus unicolor*).
19. Wild pig (*Sus scrofa*).
20. Sponges (*All calcareans*).

#### SCHEDULE IV

(See sections 2, 8, 9, 11 and 61)

- 3-A. Five-striped palm squirrel (*Funambulus pennanti*).
- 4. Hares (*Black Naped, Common Indian, Desert, Himalayan mouse hare*).
- 4-A. Hedge hog (*Hemiechinus auritus*).
- 4-E. Indian porcupine (*Hystrix indica*).
- 7-A. Pole cats (*Vormela peregusna, Mustela putorius*).
- 11. Birds (other than those which appear in other Schedules):
  - 1. Avadavat (*Estrildinae*);
  - 2. Avocet (*Recurvirostridae*);
  - 3. Babblers (*Timaliinae*);
  - 4. Barbets (*Capitonidae*);
  - 5. Barnowls (*Tytonknae*);
  - 6. Bitterns (*Ardeidae*);
  - 7. Brown-headed gull (*Larus brunnicephalus*);
  - 8. Bulbuls (*Pycnonotidae*).
  - 9. Buntings (*Emberizidae*).
  - 10. Bustorda (*Otididae*).
  - 11. Bustard-Quails (*Turnicidae*).
  - 12. Chloropsis (*Irenidae*).
  - 13. Comb duck (*Sarkidiornis melanotos*).
  - 14. Coots (*Rallidae*).
  - 15. Cormorants (*Phalacrocoracidae*).
  - 16. Cranes (*Gruidae*).
  - 17. Cuckoos (*Cuculidae*).
- 17-A. Curlews (*Scolopacinae*).
  - 18. Darters (*Phalacrocoracidae*).
  - 19. Doves including the Emerald Dove (*Columbidae*).
  - 20. Drongos (*Dicruridae*).
  - 21. Duck (*Anatidae*).
  - 22. Egrets (*Ardeidae*).
  - 23. Fairy Blue Bird (*Irenidae*).
  - 24. Falcons (*Falconidae*), excepting the Shaheen and Peregrine falcons (*Falco peregrinus*), the saker or churrug, shankghar and lagger falcons (*F.biarmicus*), and the refheaded merlin (*F.chicquera*).
  - 25. Finches including the chaffinch (*Fringillidae*).

26. Falmingos (*Phoenicopteridae*).
27. Flowerpeckers (*Dicaeidae*).
28. Flcatchers (*Muscicapidae*).
29. Geese (*Anatidae*).
30. Goldfinch and allies (*Carduelinae*).
31. Grebes (*Podicipididae*).
32. Gerons (*Ardeidae*).
33. Ibises (*Thereskiomithidae*).
34. Iorars (*Irenidae*).
35. Jays (*Corvidae*).
36. Jacanas (*Jacanidae*).
- 36-A. Junglefowl (*Phasianidae*).
37. Kingfishers (*Alcedinidae*).
38. Larks (*Alaudidae*).
39. Lorikeets (*Psittacidae*).
40. Magpies including the Hunting magpie (*Corvidae*).
41. Mannikins (*Estrildinae*).
42. Megapodes (*Megapodidae*).
43. Minivets (*Campephagidae*).
44. Munias (*Estrildinae*).
45. Mynas (*Sturnidae*).
46. Nightjara (*Caprimulgidae*).
47. Orioles (*Oriolidae*).
48. Owls (*Strigidae*).
49. Oysteractchers (*Haematopodidae*).
50. Parakeets (*Psittacidae*).
51. Partridges (*Phasianidae*).
52. Pelicans (*Pelecandae*).
53. Pheasants (*Phasianidae*).
54. Pigeons (*Columbidae*)except the Blue Rock Pigon (*Columba livia*).
55. Pipits (*Motacillidae*). 55-A. Pittas (*Pittidae*).
56. Plovers (*Charadriinae*).
57. Quails (*Phasinidae*)-except Coturnix japonica (*Japanese Quails*) of farm bred variety.
58. Rails (*Rallidae*).
59. Rollers or Blue Jays (*Coraciidae*).
60. Sandgrouses (*Pteroclididae*).

61. Sandpipers (*Scolopacinae*).
  62. Snipes (*Scolopacinae*).
  63. Spurfowls (*Phasianidae*).
  64. Starlings (*Sturnidae*).
  65. Stone Curlew (*Burhinidae*).
  66. Storks (*Ciconiidae*).
  67. Stilts (*Recurvirostridae*).
  68. Sunbirds (*Nectariniidae*).
  69. Swans (*Anatidae*).
  70. Teals (*Anatidae*).
  71. Thurushes (*Turdinae*).
  72. Tits (*Paridae*).
  73. Tree pies (*Corvidae*).
  74. Trogons (*Trogonidae*).
  75. Vultures (*Accipitridae*).
  76. Waxbills (*Extrildinae*).
  77. Weaver Birds or Bayas (*Ploceidae*).
  78. White-eyes (*Zosteropidesa*).
  79. Woodpeckers (*Picidae*).
  80. Wrens (*Troglodytidae*).
12. Snakes (other than those species listed in Sch.I,Pt.II; and Sch.II, Pt. II).
- (i) Amblycaphalidae
  - (ii) Amilidae
  - (iii) Boldae
  - (iv) Colubridae
  - (v) Dasypeptidae (Egg-eating snakes)
  - (vi) Elapidae (Cobras, Kraits, and Coral Snakes)
  - (vii) Glauconidae
  - (viii) Hydrophidae (Fresh water and sea snakes)
  - (ix) Tlyscidae
  - (x) Leptotyphlopidae
  - (xi) Typhlopidae
  - (xii) Uropeltidae
  - (xiii) Viperidae
  - (xiv) Xenopeltidae.
13. Fresh Water Frogs (*Rana* spp.)
14. Three-keeled Turtle (*Geocmydas tricarinata*)

15. Tortoise (*Testudinidae, Tryonychidae*).  
 15A. Tokay gecko (*Gekko gecko*).  
 16. Viviparous toads (*Nectophrynoides sp.*)  
 17. Voles  
 18. Butterflies and Moths

**Family Danaidae**

Euploca core simulatrix  
 Euploca crassa  
 Euploca dioeletianus ramsahai  
 Euploca mulciber

**Family Hesperidae**

Baoris farri  
 Hasora vitta  
 Hyarotic adrastus  
 Oriens concinna  
 Pelopidas assamensis  
 Pelopidas sinensis  
 Polytrema discreta  
 Polytrema rubricans  
 Thoressa horiorei

**Family Lycaenidae**

Tarucus ananda

**Family Nymphalidae**

Eiuthalia lubentina

**Family Pieridae**

Aporia agathon ariaca  
 Appians libythea  
 Appiasnero galba  
 Prioneris sita

19. Mollusca
- (i) Cypraea lamacina
  - (ii) Cypraea mappa
  - (iii) Cypraea talpa
  - (iv) Fasciolaria trapezium
  - (v) Harpulina arausiaca
  - (vi) Lambis chiragra
  - (vii) Lambis chiragra arthritica



- (viii) Lambis crocea
  - (ix) Lambis millepeda
  - (x) Lambis scorpius
  - (xi) Lambis truncate
  - (xii) Placenta placenta
  - (xiii) Strombus plicatus siboldi
  - (xiv) Trochus niloticus
  - (xv) Turbo marmoratus.
20. Horeshoe Crabs (*Tachypleaus gigas* and *Carcinoscopius rotundicauda*).

SCHEDULE V

(See section 2 8, 61 and 62)

1. Common crow
3. Fruit bats
5. Mice
6. Rats

SCHEDULE VI

(See section 2)

1. Beddomes' cycad (*Cycas beddomei*).
2. Blue Vanda (*Vanda eoerulea*).
3. Kuth (*Saussurea costus*).
4. Ladies slipper orchids (*Paphiopedilium spp.*).
5. Pitcher plant (*Nepenthes khasiana*).
6. Red Vanda (*Rananchera imschootiana*).

LOK SABHA

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A

BILL

further to amend the Wild Life (Protection) Act, 1972.

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*(Shri Bhupender Yadav, Minister of Environment, Forest and Climate Change)*

MGIPMRND—1561LS(S3)—13-12-2021.

**LOK SABHA**

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**CORRIGENDA**

to

**THE WILD LIFE (PROTECTION) AMENDMENT BILL, 2021**

[To be/As introduced in Lok Sabha]

| <b>Sl. No.</b> | <b>Page No.</b> | <b>Line(s) No.</b>  | <b>For</b>                                     | <b>Read</b>   |
|----------------|-----------------|---|--|---|
| 1.             | 2               | 26  | “establishment whether”                        | “establishment, whether”  |
| 2.             | 3               | 22  | “following <i>Explanation</i> ”                | “following <i>Explanation</i> ”   |
| 3.             | 11              | against line No. 31<br>insert marginal<br>citation                  | -  | “52 of 1962.”   |
| 4.             | 13              | 21  | “live alaphant”                                | “live elephant”   |
| 5.             | 53              | In SCHEDULE III,<br>under column<br>‘Distribution’, at<br>Sl. No.5  | “N.E. India”                                   | “North East India”  |
| 6.             | 53              | In SCHEDULE III,<br>under column<br>‘Distribution’, at Sl.<br>No.8  | “Peninsular India. A&N<br>Islands. N.E. India” | “Peninsular India. Andaman<br>and Nicobar Islands. North<br>East India” |
| 7.             | 53              | In SCHEDULE III,<br>under column<br>‘Distribution’, at Sl.<br>No.9  | “India. N.E. India”                            | “India. North East India”   |
| 8.             | 53              | In SCHEDULE III,<br>under column<br>‘Distribution’, at Sl.<br>No.11 | “N.E. India.”                                  | “North East India.”   |

P.T.O.

| <b>Sl. No.</b> | <b>Page No.</b> | <b>Line(s) No.</b>   | <b>For</b>         | <b>Read</b>                   |
|----------------|-----------------|--|--------------------|-------------------------------|
| 9.             | 53              | In SCHEDULE III, under column 'Distribution', at Sl. No.13 | "N.E. India"       | "North East India"            |
| 10.            | 53              | In SCHEDULE III, under column 'Distribution', at Sl. No.15 | "A&N Islands"      | "Andaman and Nicobar Islands" |
| 11.            | 114             | 15   | "under a) and b)," | "under (a) and (b),"          |

**NEW DELHI;**

**December 14, 2021**

**Agrahayana 23, 1943 (Saka)**