

DENR ADMINISTRATIVE ORDER No. 48

September 13, 1991

Subject: Establishment of a National List of Rare(R), Endangered(E), Threatened(T), Vulnerable(V), Indeterminate(I), and Insufficiently Known (K) species of Philippine Wild Birds, Mammals, and Reptiles.

Pursuant to the provisions of Act. No. 2590 as amended, Article IV of P.D. 1152, Section 7 of Executive Order No. 192 and other existing wildlife laws, rules and regulations, and in support of the covenants of the Convention on International Trade of Endangered Species of Wild Fauna and Flora (CITES) and International Union for the Conservation of Nature and Natural Resources (IUCN), the species of Philippine wild birds, mammals, and reptiles listed herein are hereby adopted and established as species of priority concern for protection and conservation.

Section 1. Definition of Terms. The following terms, as used in this Order shall be construed to mean as follows:

1.1 Rare (R) - species and subspecies of wildlife found only in one particular area or only in a few areas in the Philippines in very highly specialized habitat types but occur only in very small numbers and are therefore, seldom met with, even within their preferred habitat types. Their populations are not at present endangered or vulnerable but are at risk;

1.2 Endangered (E) - species and subspecies of wildlife whose populations are in danger of extinction and whose survival is unlikely if the causal factors continue operating;

1.3 Threatened (T) - species and subspecies of wildlife whose population throughout the islands where they are found have suffered high degree of depletion to the point of having their numbers reduced to the minimum, below which, said species or subspecies will totally become extinct;

1.4 Vulnerable (V) - species and subspecies of wildlife whose populations are still sizeable but are under threat from serious adverse factors throughout their range and are believed likely to move to the endangered category in the near future;

1.5 Indeterminate (I) - species and subspecies of wildlife whose populations are suspected of belonging to either one of the E, V & R categories but for which insufficient information is currently available to determine definite status;

1.6 Insufficiently known (K) - species and subspecies of wildlife that are suspected but not definitely known to belong to any of the above categories because of the lack of information;

1.7 CITES Appendix I (I) - trade of species and subspecies of wildlife listed under this Appendix is strictly prohibited except for educational, scientific or research and study purposes;

1.8 CITES Appendix II (II) - trade of species and subspecies of wildlife listed under this Appendix is strictly regulated;

1.9 CITES Appendix III (III) - populations of species and subspecies of wildlife listed under this Appendix highly need local protection set under national policies as determined by the country's CITES Management Authority;

1.10. Collection - refers to trapping, hunting, taking, amassing, gathering, and/or owning through any mode of acquisition any species of wildlife listed herein.

Section 2. National List. The species and subspecies of Philippine Wild Birds, Mammals and Reptiles listed in ANNEX A hereof are hereby adopted and established declared as priority concern for conservation and protection.

Section 3. Establishment of a Common or Local Name of Species. The RED concerned are further instructed to cause the immediate preparation and publication of the equivalent local or common names for each of the species provided for in Section 2 hereof existing within their respective areas of jurisdiction in order to enhance further dissemination of their information.

Section 4. Illegal Acts. It shall be unlawful for any person, groups or entity to collect and/or trade the species listed in ANNEX A hereof, PROVIDED that, such acts are covered by a permit granted by the DENR pursuant to the pertinent provisions of DENR AO 96, series of 1988 entitled, "Policies on the allocation of Quota on Wildlife".

Section 5. Repealing Clause. All orders, circulars, memoranda or other instructions inconsistent herewith are hereby repealed and/or amended accordingly.

Section 6. Effectivity Clause. This Order shall be taken immediately.

(SGD.) FULGENCIO S. FACTORAN, JR
Secretary

ANNEX A

COMMON NAME	SCIENTIFIC NAME	STATUS
ORDER PELECANIFORMES		
FAMILY PELECANIDAE		
1. Spot-billed Pelican/ Philippine Pelican	<i>Pelecanus philippensis</i>	IUCN(T)
ORDER CICONIIFORMES		
FAMILY ARDEIDAE		
2. Japanese Bittern/ Japanese Night Heron	<i>Gorsachius goisagi</i>	IUCN(T)

3. Chicese Egret *Egretta eulophotes* IUCN(T)

FAMILY CICONIIDAE

4. Woolly-necked stork/ white-necked stork *Ciconia episcopus* IUCN(V)

FAMILY THRESKIORNITHIDAE

5. Black-faced Spoonbill/ Lesser Spoonbill *Platalea minor* IUCN (T)

ORDER FALCONIFORMES

FAMILY ACCIPITRIDAE

6. Crested Lizard Hawk *Aviceda jerdeni magnirestris* CITES(II)
7. Barred Honey Buzzard *Pernis celebensis steerei* CITES(II)
8. Asiatic Honey Buzzard *Pernis apivorus* CITES(II)
9. Blacke-winged Kite *Elenus caeruleus hypoleucus* CITES(II)
10. Black-eared Kite *Milvus migrans lineatus* CITES(II)
11. Brahminy Kite/ White & Red Eagle Kite *Haliaeetus indus intermedius* CITES(II)
12. White-breasted Sea Eagle *Haliaeetus leucogaster* CITES(II)
13. Gray-headed Fishing Eagle *Ichthyophaga ichthyaetus* CITES(II)
14. Serpent Eagle *Spilornis holorpilus* CITES(II)
15. Marsh Harrier *Circus aeruginosus spilonotus* CITES(II)
16. Pied Harrier *Circus melanoleucus* CITES(II)
17. Asiatic Sparrow Hawk *Accipiter gularis* CITES(II)
18. Philippine Sparrow Hawk *Accipiter virgatus confusus* CITES(II)
19. Crested Goshawk *Accipiter trivirgatus* CITES(II)
20. Chinese Hawk/ Gray Frog Hawk *Accipiter soloensis* CITES(II)
21. Gray-faced Buzzard *Butastur indicus* CITES(II)
22. Common Buzzard *Buteo buteo japonensis* CITES(II)
23. Philippine Eagle/ Monkey-eating Eagle *Pithecophaga jefferyi* IUCN(E); CITES(I)
24. Rufous-bellied Dwarf Eagle *Hieraetus Kieneri formosus* CITES(II)
25. Changeable Hawk Eagle *Spizaetus cirrhatu limnaeetus* CITES(II)
26. Philippine Hawk Eagle *Spizaetus philippensis* CITES(II)

FAMILY PANDIONIDAE

27. Osprey *Pandion haliaetus* CITES(II)

FAMILY FALCONIDAE

28. Phillipine Falconet *Microhierax erythrogenys* CITES(II)
29. Kestrel *Falco tinnunculus interstinctus* CITES(II)

30. Oriental Hobby	<i>Falco severus severus</i>	CITES(II)
31. Peregrine Falcon	<i>Falco peregrinus ernesti</i>	CITES(II)
32. Migratory Peregrine Falcon	<i>Falco peregrinus calidus</i>	CITES(II)

ORDER GALLIFORMES

FAMILY MEGAPODIIDAE

33. Philippine Megapode/ Incubator Bird	<i>Megapodius freycinet</i>	CITES(II)
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FAMILY PHASIANIDAE

34. Palawan Peacock Pheasant	<i>Polyplectron emphanum</i>	CITES(II)
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ORDER GRUIFORMES

FAMILY TURNICIDAE

35. Worcester's Button Quail	<i>Turnix worcesteri</i>	CITES(II)
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FAMILY GRUIDAE

36. Eastern Sarus Crane	<i>Grus antigone sharpii</i>	CITES(II)
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ORDER CHARADRIIFORMES

FAMILY SCOLOPACIDAE

37. Pygmy Curlew	<i>Numenius minutus</i>	CITES(II)
38. Long-billed Curlew	<i>Numenius madagascariensis</i>	CITES(I)
39. Spotted Greenshank	<i>Tringa guttifer</i>	IUCN(T); CITES(I)
40. Oriental Dowitcher/ Asian Dowitcher	<i>Limnodromus semipalmatus</i>	IUCN(R)

FAMILY LARIDAE

41. Chinese Crested Tern	<i>Sterna zimmermanni</i>	IUCN(I)
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ORDER COLUMBIFORMES

FAMILY COLUMBIDAE

42. Flame-breasted/Marche's Fruit Dove	<i>Ptilinopus marchei</i>	IUCN(K)
43. Negros Fruit Dove	<i>Ptilinopus arcanus</i>	IUCN(T)
44. Mindoro Imperial Pigeon	<i>Ducula mindorensis</i>	IUCN(T); CITES(I)
45. Spotted Imperial Pigeon	<i>Ducula carola</i>	IUCN(K)
46. Luzon Bleeding Heart Pigeon	<i>Gallicolumba luzonica</i> <i>luzonica</i>	CITES(II); IUCN((T)
47. Mindoro Bleeding Heart Pigeon	<i>Gallicolumba luzonica</i> <i>platenae</i>	IUCN(T)

48. Negros Bleeding Heart Pigeon	<i>Gallicolumba luzonica</i> Keayi	CITES(II)
49. Sulu Bleeding Heart Pigeon	<i>Gallicolumba luzonica</i> <i>menagei</i>	IUCN(T)
50. Nicobar Pigeon	<i>Caloenas nicobarica</i>	CITES(II)
51. Grey Imperial Pigeon	<i>Ducula pickeringii</i>	IUCN(T)
52. Superb Fruit Dove	<i>Ptilinopus superbus</i> <i>temminckii</i>	CITES(I)*

ORDER PSITTACIFORMES

FAMILY PSITTACIDAE

53. Mt. Apo Lorikeet/ Mindanao Lorikeet	<i>Trichoglossus johnstoniae</i>	CITES(II)
54. Philippine Cockatoo/ Red-vented Cockatoo	<i>Kakatoe haematuropygia</i>	IUCN(K); CITES(II)
55. Blu-headed Racket-tailed Parrot	<i>Prioniturus discurus</i>	IUCN(T); CITES(II)
56. Crimson-spotted Racket-tailed Parrot	<i>Prioniturus montanus</i>	IUCN(K); CITES(II)
57. Palawan Racket-tailed Parrot	<i>Prioniturus platenae</i>	CITES(II)
58. Green-headed Rocket-tailed Parrot	<i>Prioniturus luconensis</i>	IUCN(K); CITES(II)
59. Blue- naped Parrot	<i>Tanygnathus lucionensis</i>	IUCN(E)*
60. Large- billed Parrot	<i>Tanygnathus m.</i> <i>megalorynchos</i>	CITES(II)
61. Blue- packed Parrot	<i>Tanygnathus sumatrus</i>	CITES(II)
62. Guaiabero	<i>Bolbopsittacus lunulatus</i>	CITES(II)
63. Philippine Hanging Parakeet	<i>Loriculus philippensis</i>	CITES(II)

ORDER CICILIFORMS

FAMILY CUCULIDAE

64. Steere's Coucal	<i>Centropus steerii</i>	IUCN(K)
65. Scale-feather Cuckoo/ Scale-feather malkoha	<i>Phoenicophaeus cumigui</i>	CITES(II)*

ORDER STRIGIFORMES

FAMILY TYTONIDAE

66. Philippine Grass Owl	<i>Tyto capensis amauronata</i>	CITES(II)
67. Bay Owl	<i>Phodilus badius badius</i>	CITES(II)

FAMILY STRIGIDAE

68. Scops Owl	<i>Otus scop</i>	CITES(II)
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69. Luzon Slender Billed Scops Owl	<i>Otus scop longicornis</i>	CITES(II)
70. Mindoro Scops Owl	<i>Otus scop midorensis</i>	IUCN(K); CITES(II)
71. Rufous Scops Owl	<i>Otus refescens burbidge</i>	CITES(II)
72. Oriental Screech Owl	<i>Otus bakkamoena</i>	CITES(II)
73. Giant Scops Owl	<i>Otus gurneyi</i>	CITES(II)
74. Philippine Eagle Owl/ Philippine Horned Owl	<i>Bobu philippensis</i>	CITES(II)
75. Philippine Boobook Owl	<i>Ninox philippensis</i>	CITES(II)
76. Oriental Hawk Owl/Philippine Hawk Owl	<i>Ninox scutulata</i>	CITES(II)
77. Seloputo Owl/ Spotted Wood Owl	<i>Strix seloputo wiepkeni</i>	CITES(II)
78. Short-earned Owl	<i>Asoi flammeus flammeus</i>	CITES(II)

ORDER CORACIIFORMES

FAMILY ALCEDINIDAE

79. Philippine Forest Kingfisher	<i>Ceyx melanurus</i>	IUCN(K)
80. Winchell's Kingfisher	<i>Halcyon winchelli</i>	IUCN(K)
81. Blue-capped Kingfisher or Horbmon's Kingfisher	<i>Halcyon hombroni</i>	IUCN(T)

FAMILY BUCEROTIDAE

82. Tarictic Hornbill	<i>Penelopides panini</i>	CITES(II)*
83. Writhed-billed Hornbill	<i>Aceros leucephalus</i>	CITES(II)*
84. Palawan Hornbill	<i>Anthracoceros marchei</i>	CITES(II)*
85. Sulu Hornbill	<i>Anthracoceros montani</i>	IUCN(T);
86. Rofous Hornbill	<i>Buceros hydrocorax</i>	IUCN(E)*; CITES(II)

ORDER PICIFORMES

FAMILY PICIDAE

87. Three-toed Woodpecker	<i>Dinopium javanense everetti</i>	CITES(II)*
88. Great Slaty Woodpecker	<i>Mulleripicus pulverulentus</i> <i>pulverulentus</i>	CITES(II)*
89. Sooty Woodpecker	<i>Mulleripicus funebris</i>	CITES(II)*
90. White-bellied Black Woodpecker	<i>Dryocopus javensis</i>	CITES(II)*
91. Pygmy Woodpecker	<i>Dendrocopocos maculatus</i>	CITES(II)*
92. Crimson-backed Woodpecker	<i>Chrysocolaptes lucidus</i>	CITES(II)*

ORDER PASSENIFORMES**FAMILY EURYLAIMIDAE**

93. Wattled Broadbill	<i>Eurylaimus steerii</i>	IUCN(K)
94. Koch's pitta or Whiskered Pitta	<i>Pitta kochi</i>	IUCN(K);
95. Steere's pitta	<i>Pitta steerii</i>	CITES(I); IUCN(T)

FAMILY CAMPEPHAGIDAE

96. Black Graybird	<i>Coracina coerulescens</i>	IUCN(K)
97. White-winged Cuckoo Shrike/Graybird	<i>Coracina ostenta</i>	IUCN(T)

FAMILY PYCONOTIDAE

98. Mottled-breasted Bulbul	<i>Hypsipetes siquijorensis</i>	IUCN(K)
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FAMILY MUSCICAPIDAE

99. White-throated Jungle Flycatcher	<i>Rhinomyias gularis</i> <i>albigularis</i>	IUCN(T)
100. White-browed Luzon Jungle Cryptic Flycatcher	<i>Rhinomyias insignis</i>	IUCN(K)
101. Vauries Flycatcher or Cryptic Flycatcher	<i>ficedula crypta</i>	IUCN(K)
102. Blue-breasted Flycatcher	<i>Cyornis herioti</i>	IUCN(T)
103. Short-crested Monarch	<i>Hypothymis helenae</i>	IUCN(T)
104. Celestial Blue Monarch	<i>Hypothymis coelestis</i>	IUCN(T)
105. Good fellow's Jungle Flycatcher	<i>Rhinomyias goodfellow</i>	IUCN(V)

FAMILY TURDIDAE

106. Philippine Water Redstart	<i>Rhyacornis bicolor</i>	IUCN(T)
107. Cebu Black Shama	<i>Copsychus cebuensis</i>	IUCN(T)
108. White-browed Shama	<i>Copsychus luzoniensis</i>	CITES(II)
109. Ashy Ground Thrush	<i>Zoothera cinerea</i>	IUCN(K)

FAMILY TIMALLIDAE

110. Bagobo Babbler	<i>Leonardina woodi</i>	IUCN(T)
111. Streaked Ground Babbler	<i>Ptilocichla mindanensis</i>	IUCN(K)
112. Luzon Wren-babbler	<i>Napothera rabori rabori</i>	IUCN(T)
113. Striped tree babbler	<i>Stachyris striata</i>	IUCN(K)
114. Miniature Tit-babbler	<i>Micromacronus leytensis</i>	IUCN(K)
115. Negros tree babbler	<i>Stachyris nigrorum</i>	IUCN(T)

FAMILY RHABDORNITHIDAE

116. Plain-headed Creeper/ Long-billed Creeper	<i>Rhabdornis inornatus grandis</i>	IUCN(T)
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FAMILY PRINGILLIDAE

117. Japanese yellow Bunting	<i>Emberiza sulphurata</i>	IUCN(T)
118. Philippine Bullinch	<i>Pyrrhula leucogenys</i>	IUCN(V)*

FAMILY ESTRILIDAE

119. Green-faced Parrotfinch	<i>Erythura viridifacies</i>	IUCN(K)
120. Mindanao Parrotfinch	<i>Erythura coloria</i>	IUCN(T)

FAMILY ORIOLIDAE

121. Isabella Oriole	<i>Oeuikys usabellae</i>	IUCN(K)
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FAMILY STURNIDAE

122. Mt. Apo Myna	<i>Basilornis miranda</i>	IUCN(K)*
123. Hill Myna/Talking Myna	<i>Gracula religiosa palawanensis</i>	CITES(I)*

FAMILY ZOSTEROPIDAE

124. Goodfellow's White-eye	<i>Lophozosterops goodfellowi</i>	IUCN(K)*
125. Cinnamon White-eye	<i>Hypocryptadius cinnamomeus</i>	IUCN(K)*

MAMMALIA**ORDER ARTIODACTYLA****FAMILY BOVIDAE**

1. Tamaraw	<i>Bubalus mindorensis</i>	CITES
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FAMILY CERVIDAE

2. Spotted Sambar Deer	<i>Cervus alfredi</i>	IUCN(E)
3. Calamian Deer	<i>Cervus porcinus</i>	IUCN(V); CITES(I)
4. Philippine Deer or Luzon Sambar Deer	<i>Cervus maria</i>	IUCN(E)

FAMILY TRAGULIDAE

5. Mouse Deer	<i>Tragulus napu</i>	proposed for inclusion under
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CITES(II)

ORDER CARNIVORA

FAMILY FELIDAE

6. Little leopard Cat *Felis bengalensis* CITES(II)

FAMILY MUSTELIDAE

7. Dwarf Small Clawed Otter or Clawless Otter *Amblonyx cinerea* IUCN(K); CITES(II)

ORDER RODENTIA

FAMILY MURIDAE

8. Luzon Forest Rat or Philippine Bush Rat *Batomys grantii* IUCN(I)

FAMILY ERINACEIDAE

9. Mindano Gymnure *Podogymnura truei* IUCN(V)

ORDER PRIMATES

FAMILY LORISIDAE

10. Slow Loris or Slow Lemur *Mycticebus menagensis* CITES(II)

FAMILY CERCOPITHECIDAE

11. Philippine Monkey or Long-tailed Macaque *Macaca fascicularis* CITES(II)

FAMILY TARSIIDAE

12. Philippine Tarsier *Tarsius syrichta* IUCN(E)

FAMILY TUPAIIDAE

13. Philippine Tree Shrew or Mindanao Slender-tailed Shrew *Orogale everetti* CITES(II)

14. Palawan Tree Shrew *Tupaia p, palawanensis* CITES(II)

ORDER SIRENEA

FAMILY DUNGONGIDAE

15. Sea Cow or Dugong *Dugong dugon* IUCN(V); CITES(I) Proposed for upliftment to endangered category

ORDER CHIROPTERA

FAMILY ACERODON

16. Panay Flying Fox or Panay Giant Fruit Bat	<i>Acerodon lucifer</i>	CITES(II)
17. Chapman's Fruit Bat	<i>Dobsonia exoleta chapmani</i>	CITES(II)
18. Giant Fruit Bat	<i>Acerodon jubatus mindanensis</i>	CITES(II)
19. Dawn Bat	<i>Eonycteris spelaea glandifera</i>	CITES(II)
20. Long-tongued Fruit Bat	<i>Macroglossus lagochilus lagochilus</i>	CITES(II)
21. Harpy Fruit Bat	<i>Harpionycteris whiteheadi</i>	CITES(II)

FAMILY PTEROPIDAE

22. Dog-faced fruit bat	<i>Cynopterus brachyotis luzoniensis</i>	CITES(II)
23. Short-nosed fruit bat	<i>Ptenochirus jagorii</i>	CITES(II)
24. Geoffroy's rousette bat	<i>Rousettus amplexicaudatus</i>	CITES(II)
25. Philippine flying fox/Philippine giant fruit bat	<i>Pteropus vampyrus lanensis</i>	CITES(II)
26. Fruit bat	<i>Pteropus speciosus</i>	CITES(II)

ORDER PHOLIDOTA

FAMILY MANIDAE

27. Palawan scaly anteater	<i>Manis javanica</i>	CITES(II)
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REPTILA

ORDER CROCODYLIA

FAMILY CROCODYLIDAE

1. Philippine or Freshwater Crocodile	<i>Crocodylus mindorensis</i>	IUCN(E); CITES(I)
2. Estuarine or Saltwater Crocodile	<i>Crocodylus porosus</i>	CITES(I)

ORDER SAURIA

FAMILY VARANIDAE

3. Gray Monitor Lizard	<i>Varanus grayi</i>	IUCN(R); CITES(I)
4. Variable Malay Monitor Lizard or Variable Monitor Lizard	<i>Varanus salvator</i>	CITES(I)

FAMILY AGAMIDAE

5. Sailfin Lizard *Hydrosaurus postulosus* IUCN(R)

ORDER SERPENTES**FAMILY BOIDAE**

6. Reticulated Python *Python reticulatus* CITES(II)

ORDER TESTUDINATA**FAMILY CHELONIIDAE**

7. Hawksbill Turtle *Eretmochelys olivacea* IUCN(E);
CITES(I)

8. Olive-ridley Turtle *Lepidochelys olivacea* IUCN(E);
CITES(I)

9. Green - sea Turtle *Chelonia mydas* IUCN(E);
CITES(I)

FAMILY DERMOCHELYDAE

10. Leatherback Turtle *Dermochelys coriacea* IUCN(E);
CITES(I)

FAMILY

11. Leyte Pond Turtle or Leyte Freshwater Turtle *Heosemys leytensis* IUCN(I)