

STATUS & CONSERVATION RAPTOR IN INDONESIA

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RAPTOR SPECIES

- ❑ Almost 69 species of raptor were recorded in Indonesia.
- ❑ However, they are still little known due to lack of research activities
- ❑ All raptor species were protected by Indonesian law UU No 5 ~1990 and PP No 7 & 8 ~1991



Sumatera (36 Species)

- ❑ 20 resident, 10 raptor migrants, 6 sub-species resident and migrants
- ❑ 2 Sub-species Endemic (Changeable Hawk-Eagle (Semalun Island) *Spizaetus cirrhatus varhauni*, Wallace's Hawk-eagle (Nias Island) *Spizaetus nanus nanus*)
- ❑ 6 species distributed in Island of Sumatera,
- ❑ 4 threaten species (Lasser Fish-eagle *Ichthyophaga humilis*, Grey-headed Fish-eagle *Ichthyophaga ichthyaetus* (Near Threatened) Greater Spotted Eagle *Aquila clanga* dan Wallace's Hawk-eagle *Spizaetus nanus* (Vulnerable))





Kalimantan (29 Species)

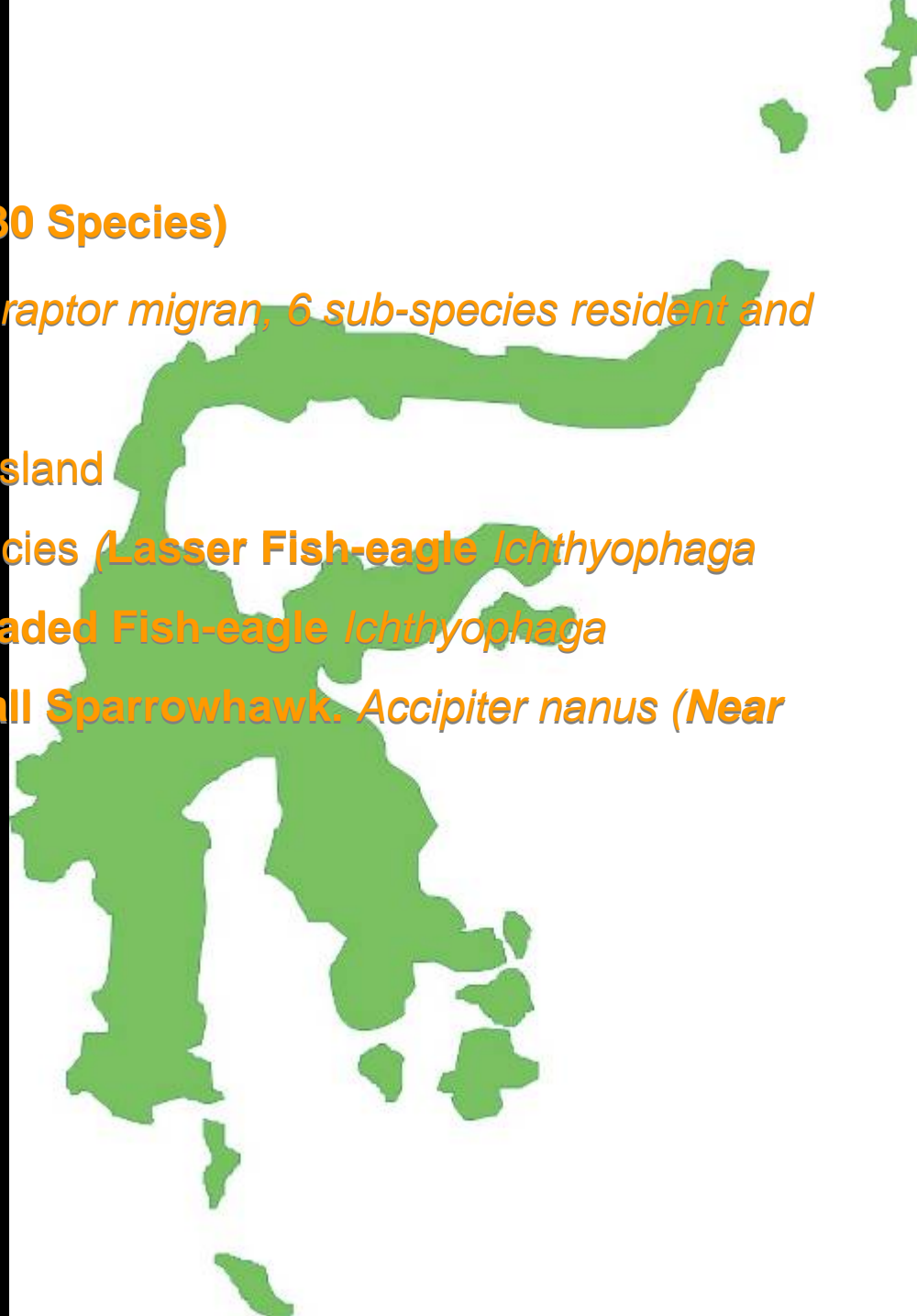
- ❑ 19 resident, 5 raptor migrants, 5 sub-species resident and migrant
- ❑ 2 Endemic to Island (White-fronted Falconet *Microhierax latifrons*, Mountain Serpent-Eagle. *Spilornis kinabaluensis*.)
- ❑ 4 threaten (Lasser Fish-eagle *Ichthyophaga humilis*, Grey-headed Fish-eagle *Ichthyophaga ichthyaetus* (Near Threatened) Mountain Serpent-Eagle. *Spilornis kinabaluensis* dan Wallace's Hawk-eagle *Spizaetus nanus* (Vulnerable)





Sulawesi (30 Species)

- ❑ 20 resident, 4 raptor migran, 6 sub-species resident and migrant,
- ❑ 8 Endemic to island
- ❑ 3 threaten species (**Lasser Fish-eagle *Ichthyophaga humilis***, **Grey-headed Fish-eagle *Ichthyophaga ichthyaetus*** **Small Sparrowhawk. *Accipiter nanus*** (**Near Threatened**)





Jawa (28 Species)

- ❑ 16 resident, 6 raptor migrant, 6 sub-species resident and migrant.
- ❑ 2 Endemic (**Javan Hawk-Eagle. *Spizaetus bartelsi* dan; Bawean Serpent-Eagle. *Spilornis baweanus***)
- ❑ 2 threaten species (**Grey-headed Fish-eagle *Ichthyophaga ichthyaetus* (Near Threatened) Javan Hawk-Eagle. *Spizaetus bartelsi* (Endangered)**)

Bali (22 species)

- ❑ 12 resident, 4 raptor migrant, 6 sub-species resident and migrant.

Maluku Islands (18 Species)

- ❑ 12 resident, 1 raptor migrant, 5 sub-species resident and migrant.
- ❑ 3 Endemic to Maluku islands (Moluccan Goshawk. *Accipiter henicogrammus* Rufous-necked Sparrowhawk. *Accipiter erythrauchen* and Gurney's Eagle *Aquila gurneyi*)
- ❑ 1 threatened species (Gurney's Eagle *Aquila gurneyi* (Near Threatened))

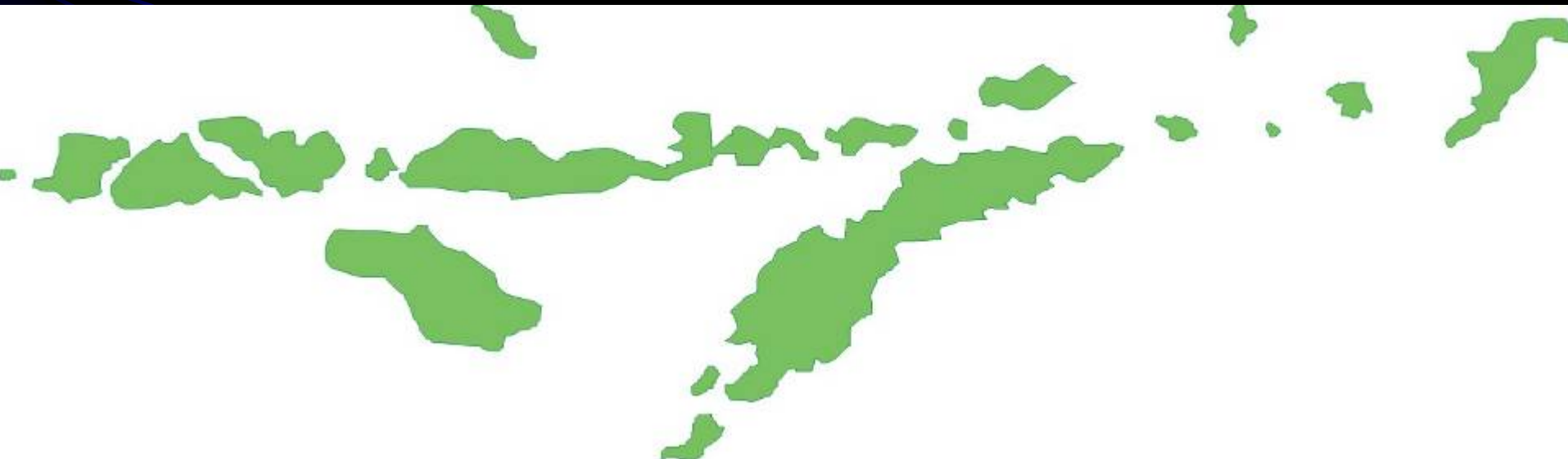


Nusa Tenggara Islands (24 Species)

❑ 12 resident, 2 raptor migrant, 8 sub-species resident and migrant.

❑ 1 Endemic Nusa Tenggara (**Flores Hawk-eagle Spizaetus floris**), 2 sub-species Endemic Nusa Tenggara (**Bonelli's Eagle Hieraaetus fasciatus** **Brown Goshawk. Accipiter fasciatus**)

❑ 1 threatened species (**Flores Hawk-eagle Spizaetus floris (Near Threatened)**)

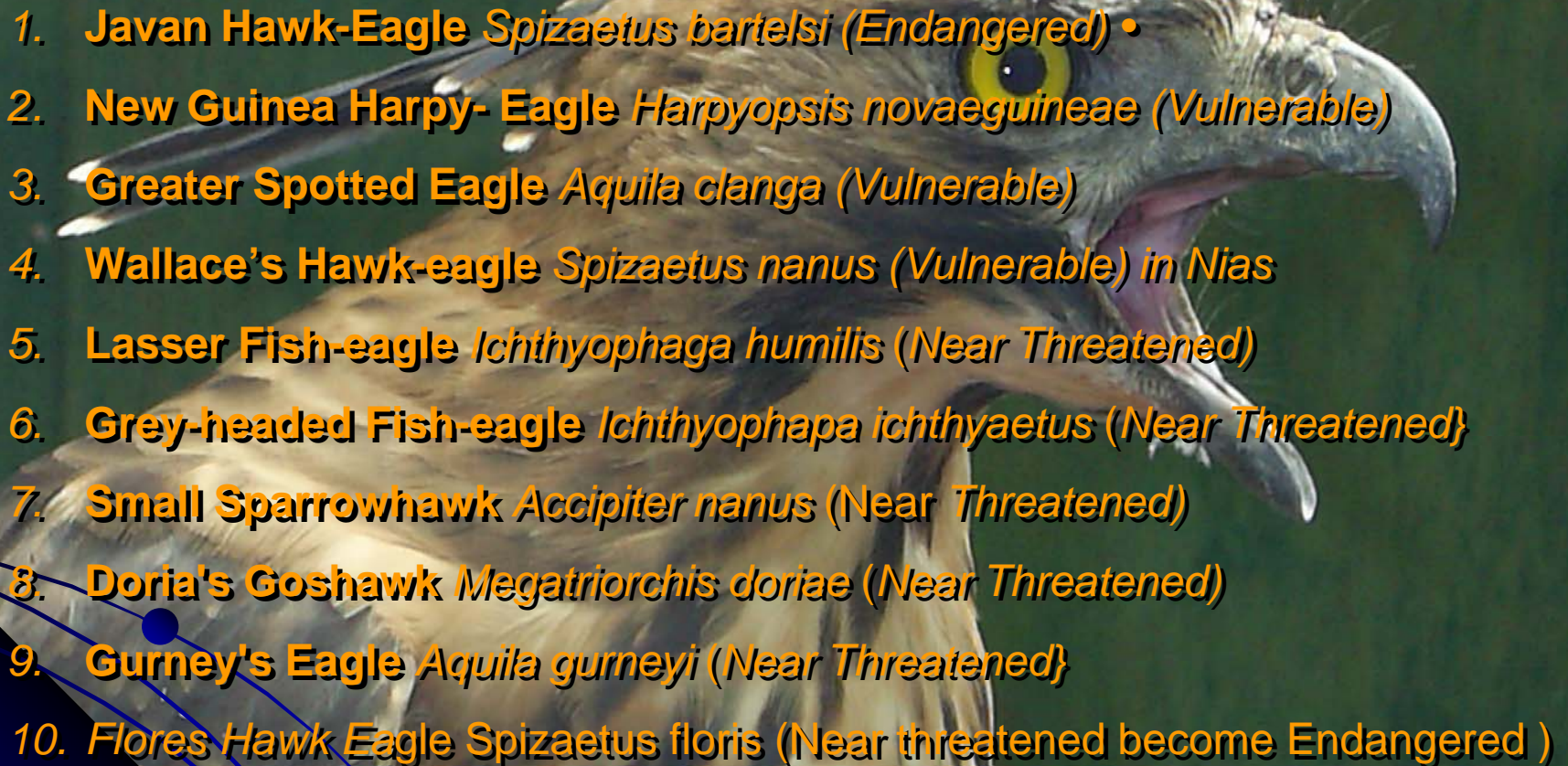




Papua (25 Species)

- ❑ 18 resident, 2 raptor migrant, 5 sub-species resident and migrant.
- ❑ 5 Endemic to Papua (Long-tailed Honey-buzzard *Henicopernis longicauda* Black-mantled Goshawk. *Accipiter melanochlamys* Grey-headed Goshawk. *Accipiter poliocephalus* Doria's Goshawk *Megatriorchis doriae* New Guinea Harpy- Eagle *Harpyopsis novaeguineae*)
- ❑ 2 threatened (New Guinea Harpy- Eagle (Vulnerable), Doria's Goshawk)

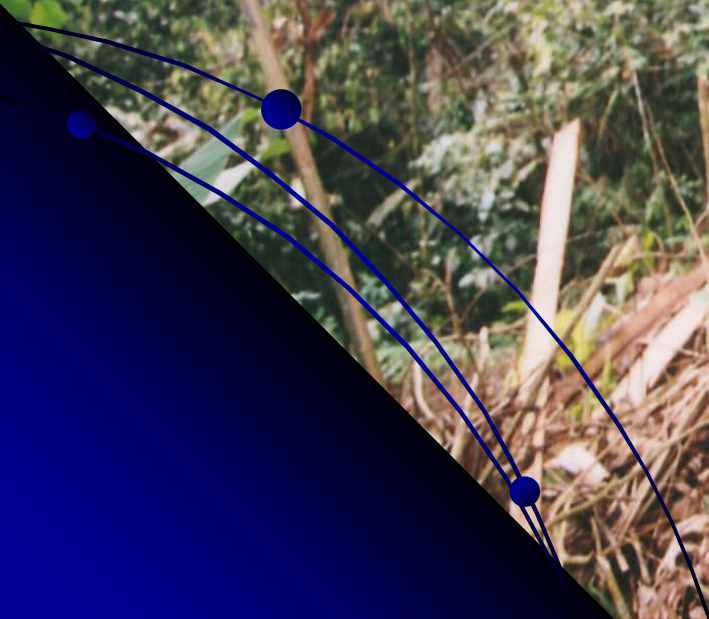
Threatened species

1. **Javan Hawk-Eagle** *Spizaetus bartelsi* (Endangered) •
 2. **New Guinea Harpy- Eagle** *Harpyopsis novaeguineae* (Vulnerable)
 3. **Greater Spotted Eagle** *Aquila clanga* (Vulnerable)
 4. **Wallace's Hawk-eagle** *Spizaetus nanus* (Vulnerable) in Nias
 5. **Lasser Fish-eagle** *Ichthyophaga humilis* (Near Threatened)
 6. **Grey-headed Fish-eagle** *Ichthyophaga ichthyaetus* (Near Threatened}
 7. **Small Sparrowhawk** *Accipiter nanus* (Near Threatened)
 8. **Doria's Goshawk** *Megatriorchis doriae* (Near Threatened)
 9. **Gurney's Eagle** *Aquila gurneyi* (Near Threatened}
 10. **Flores Hawk Eagle** *Spizaetus floris* (Near threatened become Endangered)
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Limited factors

Habitat Destruction

- ❑ **Javan Hawk-Eagle** *Spizaetus bartelsi* (Endangered)
- ❑ **Greater Spotted Eagle** *Aquila clanga* (Vulnerable)
- ❑ **Wallace's Hawk-eagle** *Spizaetus nanus* (Vulnerable)
- ❑ **Gurney's Eagle** *Aquila gurneyi* (Near Threatened)



Illegal Trade and Hunting..

- ❑ Javan Hawk-Eagle *Spizaetus bartelsi* (Endangered) •
- ❑ New Guinea Harpy- Eagle *Harpyopsis novaeguineae* (Vulnerable)
- ❑ Wallace's Hawk-eagle *Spizaetus nanus* (Vulnerable)
- ❑ Changeable Hawk Eagle *Spizaetus cirrhatus* (Vulnerable)
- ❑ Brahminy kite *Haliastur indus* in Java



Widespread Pesticide used

- ❑ **Javan Hawk-Eagle** *Spizaetus bartelsi* (Endangered) •
- ❑ **Lasser Fish-eagle** *Ichthyophaga humilis* (Near Threatened) in Sulawesi
- ❑ **Grey-headed Fish-eagle** *Ichthyophaga ichthyaetns* (Near Threatened) in Java
- ❑ **Small Sparrowhawk** *Accipiter nanus* (Near Threatened) in Sulawesi



CONSERVATION EFFORTS

AWARENESS PROGRAM



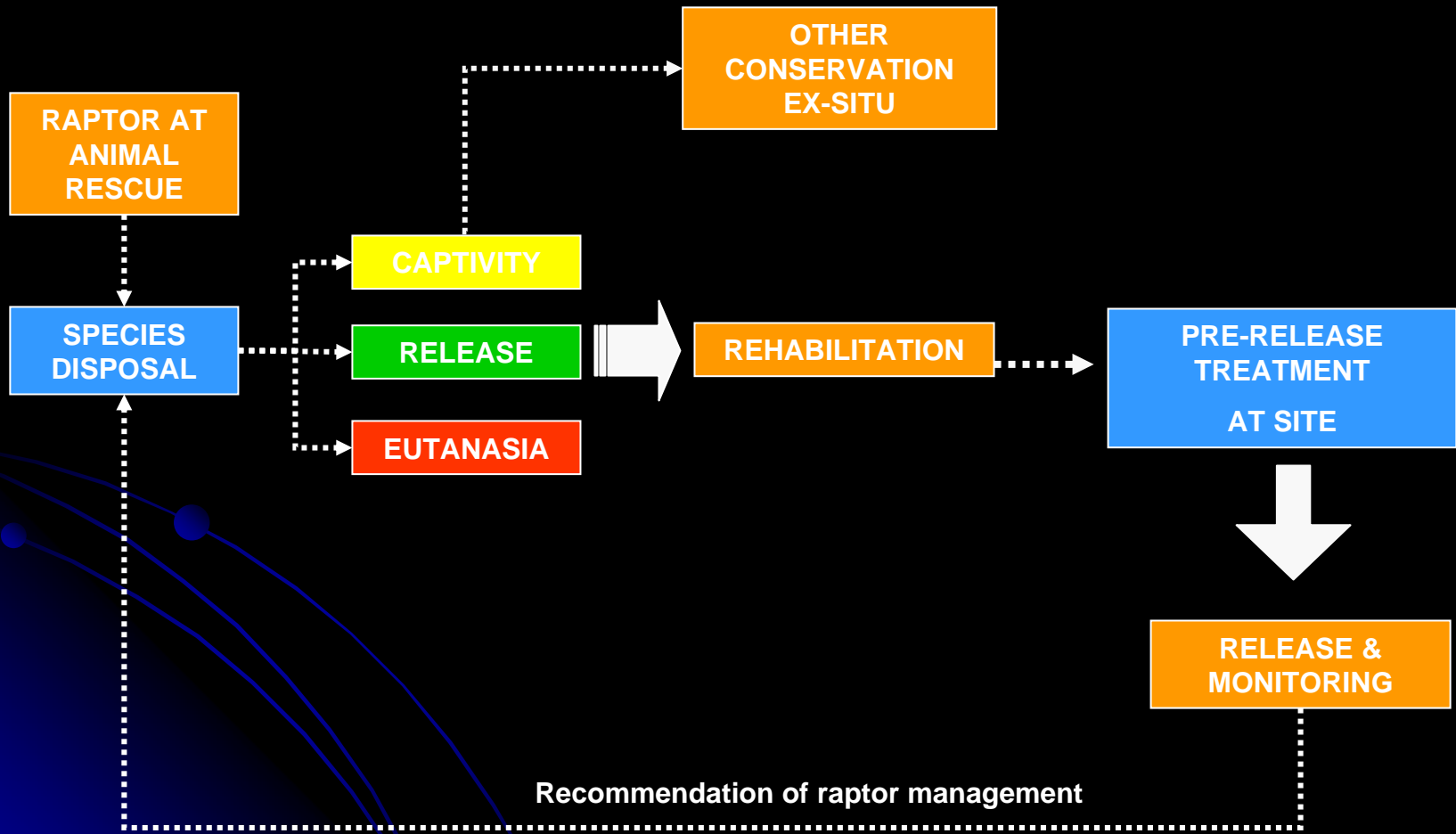
RELEASE OF CONFISCATED RAPTORS



Numbers of Confiscated Eagles in Animal Rescue (2004-2006)

No	Indonesia	Scientific	Numbers							
			PPSTA	PPSG	PPSC	PPSJ	PPSPtgs	PPSB	PPSTskk	jUMLAH
1	Elang hitam	<i>Ictinaetus malayensis</i>	-		1	2	-	-	-	3
2	Elang ular	<i>Spilornis cheela</i>		-	46	8	2	-	1	57
3	Elang paria	<i>Milvus migrans</i>	-	-	1	-	-	-	1	2
4	Elang bondol	<i>Haliastur indus</i>	26	-	14	29	-	-	1	7-
5	Rajawali kuskus	<i>Auila gurneyi</i>	-	-	-	-	-	-	1	1
6	Elang brontok	<i>Spizaetus cirrhatus</i>	-	2	49	2	-	3	-	56
7	Elang gunung	<i>Spizaetus alboniger</i>	-	-	1	-	-	-	-	1
8	Elang jawa	<i>Spizaetus bartelsi</i>	-	-	8	-	-	-	-	8
9	Elang sayap coklat	<i>Butstur liventer</i>	-	-	1	-	-	-	-	1
10	Elang ikan	<i>Ichthyophaga ichthyaetus</i>	-	-	1	1	-	-	1	3
11	Elang laut	<i>Haliaeetus leucogaster</i>	-	-	4	6	6	1	2	19
12	Elang tikus	<i>Elanus caeruleus</i>	-	-	1	-	-	-	-	1
13	Alap-Alap	<i>Accipiter trivirgatus</i>	-	-	-	-	-	-	2	2
Total			26	2	127	48	8	4	9	224

Scheme of Species disposal at Animal Rescue



Flying Cage Facilities for Fishing Eagle At Jogja Animal Rescue



RELEASE OF CONFISCATED EAGLES

PROPOSES

- ❑ Establishing a strong political/education statement on status of species and promoting a local conservation values.
- ❑ Improving long-term conservation potency of area and species
- ❑ Returning the original ecological function and role of released animals



DEFINITION

- ❑ **Re-introduction** is an effort to develop a species in a area which have become its historical distribution, where in this area that species have lost or is totally disappeared. ("Re-Establishment" is the synonym but re-introduction term likely more is accepted")
- ❑ **Re-enforcement/Supplementation** is individual addition of the same species member to an existing species population
- ❑ **Introductions** is an effort to develop a species, for the purpose of conservation, outside the spreading which have been reported but still in an area which eco-geography and habitably compatible. This will be the represent competent conservation peripheral if there is no more area, which remains in historical region of spreading of this species.



Terima kasih