

## Annex I

### Apes and Industrial Agriculture Questionnaire Responses

#### THE PRESENCE OF INDUSTRIAL AGRICULTURE

Site no.	Ape species <sup>1</sup>	Country	Site name	Are apes using agricultural landscape?	Proximity of industrial agricultural activities to the ape population	How long has agro-industry been established or operating in your area?
1	Bonobo	DRC	Wamba, Luo Scientific Reserve	Partially	Adjacent	>20 years
2	Chimpanzee	Guinea-Bissau	Boé	Partially	More than 5 km	6–10 years
3		Uganda	Budongo Forest	Partially	Adjacent	16–20 years
4			Bulindi, Hoima district, 25 km from Budongo Forest	Entirely	Adjacent	11–15 years
5			Budongo Forest	Partially	Adjacent, within 1–5 km	16–20 years
6			Kalinzu Forest Central Reserve	Not at all	Adjacent	>20 years
7			Guinea	Seringbara, Nimba Mountains	Not at all	Within 1–5 km or more than 5 km
8		Tanzania	Mahale	Partially	Adjacent	6–10 years
9		Chimpanzee and gorilla	Republic of Congo	Goualougo Triangle, Nouabalé-Ndoki National Park	Partially	Within 1–5 km
10	Gibbon	Indonesia	Siberut Island, Mentawai Archipelago, West Sumatra	Not at all	Don't know	>20 years
11		Bangladesh	Lawachara National Park, Sylhet	Not at all	Within 1–5 km or more than 5 km	16–20 years
12	Gibbon, including siamang	Indonesia	Way Canguk	Not at all	Adjacent, within 1–5 km	11–15 years
13	Gibbon	Indonesia	Sokokembang Forest, Petungkriyono, Pekalongan, Central Java	Partially	Adjacent, within 1–5 km	16–20 years
14		China	Mt. Wuliang, Mt. Ailao, Mt. Daxueshan, Bajiaohe, Yunnan	Not at all	Within 1–5 km	11–15 years

Site no.	Ape species <sup>1</sup>	Country	Site name	Are apes using agricultural landscape?	Proximity of industrial agricultural activities to the ape population	How long has agro-industry been established or operating in your area?
15	Gibbon	Thailand	Khao Soi Dao Wildlife Sanctuary, Chantaburi Province and Mae Hong Son Province	Not at all	More than 5 km	>20 years
16		Thailand	Khao Yai National Park	Entirely	Adjacent	>20 years
17		India	Garo Hills, Meghalaya	Partially	Adjacent, within 1–5 km	11–15 years
18			Northeast India	Partially	Within 1–5 km or more than 5 km	>20 years
19		Indonesia	Mt. Dieng, Mt. Pegunungan Dieng, specifically Linggo Asri	Not at all	Adjacent, within 1–5 km	>20 years
20	Orangutan and gibbon	Indonesia	Cabang Panti Research Station, Gunung Palung National Park, West Kalimantan	Partially	Adjacent, within 1–5 km	16–20 years
21	Orangutan	Indonesia	Surya Hutani Jaya and Sumalindo Hutani Jaya plantations (partners with the SinarMas corporation), Muara Bengal, near Samarinda, East Kalimantan	Partially	Adjacent	>20 years
22	Orangutan and gibbon	Malaysia	Batang Ai, Lanjak Entimau, Tanjung Datu, Kubah (national park system of Sarawak)	Partially	Don't know	11–15 years or 16–20 years
23		Indonesia	Wehea Forest; PT <sup>2</sup> Surya Hutani Jaya and Sumalindo Hutani Jaya acacia plantations	Entirely	Adjacent, within 1–5 km or more than 5 km	0–2, 3–5, 6–10 or 11–15 years
24	Orangutan and gibbon, including siamang	Indonesia and Malaysia	Most protected areas in Malaysia (including Sarawak and Sabah), Central Kalimantan, East Java	Entirely	Adjacent	6–10, 11–15, 16–20 or >20 years
25		Indonesia	The Human Orangutan Conflict Response Unit roves through Aceh and North Sumatra provinces	Partially	Adjacent, within 1–5 km	0–2, 3–5, 6–10, 11–15, 16–20 or >20 years
26	Orangutan and gibbon	Malaysia	Lower Kinabatangan River floodplain	Partially	Adjacent	>20 years

**Notes:**

<sup>1</sup> The "Ape species" column specifies whether siamangs are among the gibbon species at a site.

<sup>2</sup> Limited liability company (Indonesian: *perseroan terbatas*).

## APE USE OF CROPS\*

Site no.	Ape species	Acacia	Banana	Cacao	Coffee	Eucalyptus	Industrial tree plantations (timber, etc.)
1	Bonobo				Not used by apes		
2	Chimpanzee	Feed on flowers	Feed on fruit				
3							
4		Not used by apes	Feed on fruit	Feed on fruit and use for nesting	Not used by apes	Use for nesting	Use for nesting
5							
6						Not used by apes	Not used by apes
7							
8							
9		Chimpanzee and gorilla					
10	Gibbon		Not used by apes	Not used by apes			
11		Not used by apes				Not used by apes	
12	Gibbon, including siamang			Not used by apes	Not used by apes		
13	Gibbon				Feed on fruit		Use for nesting
14							
15						Not used by apes	
16							Feed on kernel of nut
17				Feed on fruit		Not used by apes	Feed on fruit
18							
19						Don't know	Not used by apes
20	Orangutan and gibbon	Use for nesting	Don't know		Don't know		Use for nesting
21	Orangutan	Use for nesting	Feed on fruit			Use for nesting	Use for nesting
22	Orangutan and gibbon						Use for nesting
23		Use for nesting	Don't know	Don't know	Don't know	Use for nesting	Use for nesting
24	Orangutan and gibbon	Not used by apes					
25	Orangutan and gibbon, including siamang		Feed on fruit	Not used by apes	Not used by apes	Don't know	Don't know
26	Orangutan and gibbon	Feed on bark and use for nesting	Don't know				Depending on species, feed on bark, use for nesting

Note: \* Empty cells indicate an absence of crops within the apes' home range at the given site.

	Oil palm	Pineapple	Rice	Rubber	Soy	Sugarcane	Tea	Tobacco
►	Not used by apes			Not used by apes				
	Use for nesting		Not used by apes			Feed on leaves		
						Feed on pith		
		Not used by apes	Not used by apes			Feed on pith		Not used by apes
						Feed on stem		
							Not used by apes	
		Not used by apes	Don't know	Not used by apes				Don't know
							Not used by apes	
				Feed on flowers				
			Not used by apes				Not used by apes	
		Not used by apes	Not used by apes				Not used by apes	
		Don't know						
			Not used by apes	Not used by apes				
	Feed on fruit	Don't know	Not used by apes	Don't know	Don't know			
	Not used by apes			Don't know				
	Not used by apes			Use for nesting				
	Use for nesting	Don't know	Don't know	Don't know	Don't know	Don't know	Don't know	Don't know
	Feed on fruit							
	Feed on fruit		Not used by apes	Feed on bark		Don't know	Not used by apes	Not used by apes
►	Feed on petiole of leaves and fruit – directly on the bunches and on the ground							