

Luas IUP

(dalam Ha)

IUP Area

(in Ha)

No.	Lokasi Operasional Operational Location	Darat Onshore	Laut Offshore	Kawasan Hutan Konservasi (HK) Forest Conservation (HK) Area	Kawasan Hutan Lindung (HL) Protected Forest (HL) Area	Kawasan Hutan Produksi (HP) Production Forest Area (HP)
1	Bangka	62.068	19.756			19.471
2	Bangka Barat	48.708	41.109			23.280
3	Bangka Tengah	21.845	5.039			7.560
4	Bangka Selatan	23.907	14.358		79	5.858
5	Belitung	13.263				3.518
6	Belitung Timur	30.355	30.910			5.201
7	Lintas Kabupaten	88.492	28.491		608	32.155
8	Karimun Kundur		18.875			
9	Kepulauan Riau		6.540			
10	Lintas Provinsi		19.594			
	Jumlah Total	288.638	184.672	-	687	97.043

Dalam kegiatan perlindungan keanekaragaman hayati, PT TIMAH Tbk telah melakukan pemetaan untuk mengidentifikasi spesies yang ada di sekitar area operasi produksi. Identifikasi merujuk pada Daftar Merah International Union for Conservation of Nature and Natural Resources (IUCN), CITES, serta Permen. LHK No. P 106 Tahun 2018 tentang Jenis Tumbuhan dan Satwa yang Dilindungi. Khusus berkaitan dengan status Daftar Merah IUCN, pada tahun pelaporan, PT TIMAH Tbk melakukan konservasi terhadap 2 jenis mamalia dengan status *Vulnerable* (VU), 1 jenis mamalia berstatus *Least Concern* (LC), 22 burung berstatus LC, 10 *herpetofauna* berstatus LC, jenis pohon berstatus LC, 3 jenis pohon berstatus VU, 1 jenis pohon berstatus *Critically Endangered* (CR), 1 jenis pohon berstatus *Near Threatened* (NT), 1 jenis pohon berstatus *Data Deficient* (DD), 1 jenis non pohon berstatus DD, 2 jenis non pohon berstatus LC, serta 1 jenis non pohon berstatus NT. Status konservasi flora dan fauna yang dilakukan Perseroan selengkapnya adalah sebagai berikut: **(GRI 103-3, GRI 304-4) [6.e.2)] [6.e.3)a)]**

In the biodiversity conservation activities, PT TIMAH Tbk mapped the surrounding production area to identify the species that lives around. The identification refers to the Red list of International Union for Conservation of Nature and Natural Resources (IUCN), CITES, as well as Government Regulation LHK No. P 106 Year 2018 concerning the Types of Protected Plants and Animals. Especially related to the status of Red List from IUCN, in the reporting year, PT TIMAH Tbk has conducted conservation to 2 types of mammals with *Vulnerable* (VU) status, 1 type of mammal with *Least Concern* (LC) status, 22 birds with LC status, 10 herpetofauna with LC status, 5 trees with LC status, 3 trees with VU status, 1 tree with *Critically Endangered* (CR) status, 1 tree with *Near Threatened* (NT) status, 1 tree with *Data Deficient* (DD) status, 1 non-trees with DD status, 2 non-trees with LC status, and 1 non-tree with NT status. The complete flora and fauna conservation status carried out by the Company are as follows: **(GRI 103-3, GRI 304-4) [6.e.2)] [6.e.3)a)]**

Tabel Fauna dan Flora serta Kesesuaian Status Konservasi di sekitar area operasi produksi PT TIMAH Tbk

Table of Flora and Fauna and the Conformity of Conservation Status in PT TIMAH Tbk's production operational area

Status Konservasi Mamalia

Mammal Conservation Status

No	Nama Jenis Species Species Name	Nama Ilmiah Scientific Name	Status Kelangkaan Rarity Status		
			Permen No. P106 2018	IUCN	CITES
1	Codot Krawar Lesser Short-Nosed Fruit Bat	Cynopterus brachyotis	-	VU	-
2	Bajing Kelapa Plantain Squirrel	Callosciurus notatus	-	LC	-
3	Garangan Javan Mongoose	Herpestes javanicus	-	VU	

Status Konservasi Burung

Bird Conservation Status

No	Nama Jenis <i>Species</i> Species Name	Nama Ilmiah Scientific Name	Status Konservasi Conservation Status		
			Permen No. P106 2018	IUCN	CITES
1	Cekakak Sungai Collared Kingfisher	Thodirhampus santus	-	LC	-
2	Cekakak Belukar White-breasted Kingfisher	Halcyon smyrnensis	-	LC	-
3	Elang Bondol Brahminy Kite	Haliastur indus	-	LC	Appendix II
4	Walet linci Cave Swiftlet	Collocalia linchi	-	LC	-
5	Takur Tonggeret Blue-Eared Barbet	Megalaima duvaucelii	-	LC	-
6	Kepudang Kuduk-Hitam Black-Naped Oriole	Oriolus chinensis	-	LC	-
7	Kapasan Kemiri Pied Triller	Lalage nigra	-	LC	-
8	Kangkong Ranting Himalayan Cuckoo	Cuculus saturatus	-	LC	-
9	Perkutut Jawa Zebra Dove	Geopelia striata	-	LC	-
10	Tekukur Biasa Spotted Dove	Streptopelia chinensis	-	LC	-
11	Bentet Kelabu Long-Tailed Shrike	Lanius schach	-	LC	-
12	Burung Madu-Kelapa Brown-Throated Sunbird	Anthreptes malacensis	-	LC	-
13	Burung Madu-Sriganti Copper-Throated Sunbird	Nectarinia calcostetha	-	LC	-
14	Burung Gereja-Erasia Eurasian Tree-Sparrow	Passer montanus	-	LC	-
15	Bondol Peking Scally-Breasted Munia	Lonchura punctulata	-	LC	-
16	Cucak Kutilang Sooty-Headed Bulbul	Pycnonotus aurigaster	-	LC	-
17	Merbah Mata-Merah Asian Red-Eyed Bulbul	Pycnonotus brunneus	-	LC	-
18	Kareo Padi White-Breasted Waterhen	Amauornis phoenicurus	-	LC	-
19	Cinene Kelabu Ashy Tailorbird	Orthotomus ruficeps	-	LC	-
20	Bambangan Kuning Yellow Bittern	Ixybrychus sinensis	-	LC	-
21	Cabak Kota Savanna Nightjar	Caprimulgus affinis	-	LC	-
22	Kirik-Kirik Biru Blue-Throated Bee-Eater	Merops viridis	-	LC	-
23	Bubut alang-alang Lesser Coucal	Centropus bengalensis	-	LC	-
24	Layang-layang batu Pacific Swallow	Hirundo tahitica	-	LC	-
25	Apung tanah Australasian Pipit	Anthus novaeseelandiae	-	LC	-
26	Pelatuk kijang Rufous Woodpecker	Celeus brachyurus	-	LC	-
27	Merbah cerukcuk Yellow-Vented Bulbul	Pycnonotus goiavier	-	LC	-
28	Cici padi Zitting Cisticola	Cisticola juncidis	-	LC	-
29	Cinene Kelabu Ashy Tailorbird	Orthotomus ruficeps	-	LC	-
30	Trinil pantai Common Sandpiper	Tringa hypoleucos	-	LC	-

Status Konservasi Herpetofauna

Herpetofauna Conservation Status

No	Nama Jenis <i>Species</i> Species Name	Nama Ilmiah Scientific Name	Status Konservasi Conservation Status		
			Permen No. P106 2018	IUCN	CITES
1	Kodok Buduk Asian Common Toad	Duttaphrynus melanostictus	-	LC	-
2	Kodok Puru Hutan Crested Toad	Ingerophrynus biporcatus	-	LC	-
3	Katak Tegalan Rice Field Frog	Fejervarya limnocharis	-	LC	-
4	Belentung Brown Bullfrog	Kaloula baleata	-	LC	-
5	Lidah Ular Api Painted Bronzeback	Dendrelaphis pictus	-	LC	-
6	Ular Segitiga Merah Triangle Keelback	Xenochrophis trianguligerus	-	LC	-
7	Biawak Air Asia Asian Water Monitor	Varanus salvator	-	LC	Appendix II
8	Kongkang Jangkrik Cricket Frog	Amnirana nicobariensis	-	LC	-
9	Kongkang Gading Common Green Frog	Hylarana erythraea	-	LC	-
10	Cicak Rumah Common House Gecko	Hemidactylus frenatus	-	LC	-

Daftar Status Konservasi Jenis Pohon

Tree Conservation Status List

No	Nama Jenis <i>Species</i> Species Name	Nama Ilmiah Scientific Name	Status Konservasi Conservation Status		
			Permen No. P106 2018	IUCN	CITES
1	Akasia daun kecil Earleaf Acacia	Acacia auriculiformis A.Cunn. ex Benth.	-	LC	-
2	Akasia krasikarpa Acacia Crassikarpa	Acacia crasicarpa A.cunn ex Benth.	-	VU	-
3	Gaharu Agarwood	Aquilaria malaccensis Lamk.	-	CR	Appendix II
4	Bunga Kupu-Kupu Purple Orchid Tree	Bauhinia purpurea L.	-	LC	-
5	Cemara Laut Australian Pine Tree	Casuarina equisetifolia L.	-	LC	-
6	Lengkeng Longan	Dimocarpus longan Lour.	-	NT	-
7	Mangga Manggo	Mangifera indica L.	-	DD	-
8	Rambutan Hairy Lychee	Nephelium lappaceum L.	-	LC	-
9	Alpukat Avocado	Persea americana Mill.	-	LC	-
10	Kemiri Sunan Philippine Tung	Reutealis trisperma	-	VU	-
11	Mahoni daun besar Broad-Leafed Mahogany	Swietenia macrophylla King	-	VU	-



Daftar Status Konservasi Jenis Non Pohon

Non-Tree Conservation Status List

No	Nama Jenis <i>Species</i> Species Name	Nama Ilmiah Scientific Name	Status Konservasi Conservation Status		
			Permen No. P106 2018	IUCN	CITES
1	Anggrek Bambu Bamboo Orchid	Arundina graminifolia (D.Don) Hochr.	-	-	Appendix. II
2	Pepaya Papaya	Carica papaya L.	-	DD	-
3	Talas Taro	Colocasia esculenta (L.) Schott	-	LC	-
4	Palem Cycas Sago Palm	Cycas revoluta Thunb.	-	LC	Appendix. II
5	Trikolor Dragon Tree	Dracaena marginata hort.	-	-	Appendix. II
6	Palem Kuning Areca Palm	Dypsis lutescens (H.Wendl.) Beentje & J.Dransf.	-	NT	-

Perseroan selalu berusaha untuk memastikan untuk tetap menjaga kelestarian ekosistem dan keanekaragaman hayati dalam setiap penambangan terbuka yang mengubah bentang alam. Seperti misalnya penanaman kembali tanaman kayu dan tanaman perdu di area reklamasi. Sedangkan untuk penambangan lepas pantai yang menggunakan kapal keruk, kapal *bucket wheel dredge*, atau kapal isap, PT TIMAH Tbk memastikan kondisi lingkungan lepas pantai untuk segera dilakukan kegiatan pasca-tambang. Seperti misalnya melakukan transplantasi terumbu karang, penempatan *fish shelter*, dan penanaman mangrove.

Untuk meminimalisasi dampak kegiatan penambangan dan mempercepat kembalinya kondisi areal sesuai peruntukannya, Perseroan menjalankan program rehabilitasi dan menetapkan kawasan penyangga (*buffer zone*). Kawasan penyangga ini ditetapkan pada lokasi yang berbatasan langsung dengan areal hutan lindung

The Company strives to maintain the conservation of ecosystem and biodiversity in its onshore mining activities that may change the landscape. For example replanting timber and ground cover in reclamation area. As for offshore mining that used dredges, bucket wheel dredges, or suction vessels, PT TIMAH Tbk conducts immediate post-mining activities such as transplanting coral reefs, installing fish shelter, and planting mangroves in order to maintain the offshore environment.

To minimize the impact of mining activities and to accelerate the restoration of area back to its original state, the Company implemented rehabilitation program and established a buffer zone. This buffer zone is located at an area which is directly adjacent to the protected forest and in the watersheds as well as in the revegetated lands