



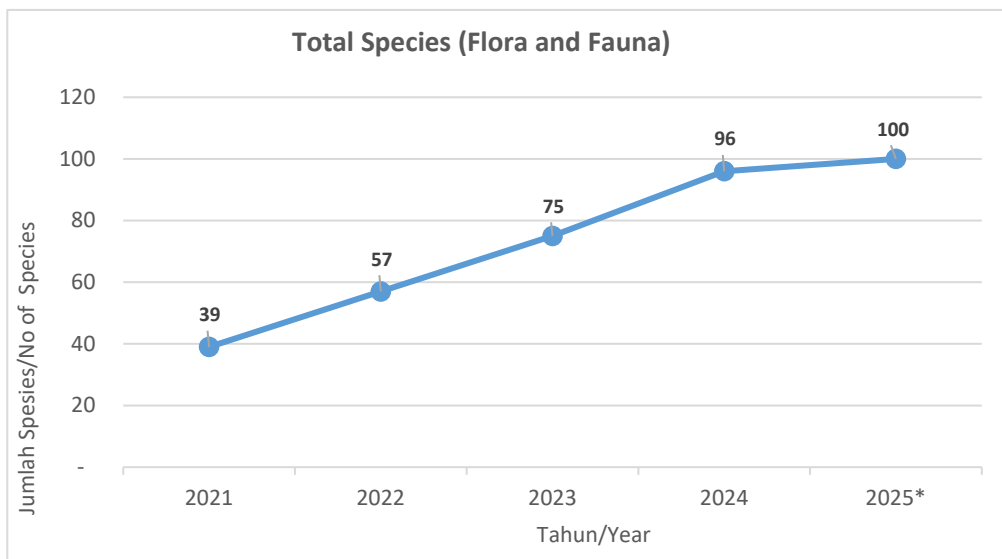
Data dan Status Kecenderungan Sumberdaya Keanekaragaman Hayati (2021–2025)

Data and Trend Status of Biodiversity Resources (2021–2025)

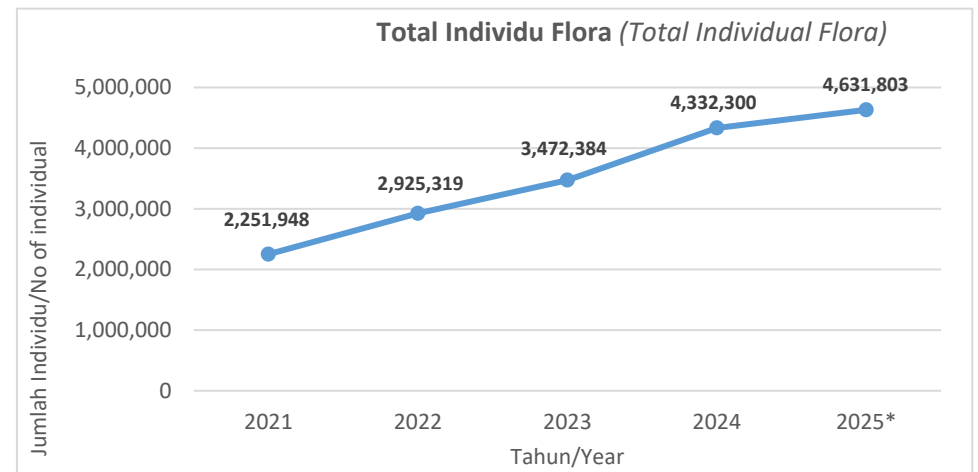
PT Vale Indonesia Tbk

GRAFIK PENINGKATAN SPESIES DAN INDIVIDU FLORA DAN FAUNA
(Trend Graph of Species and Individual Growth of Flora and Fauna)
PT VALE INDONESIA TBK
TAHUN 2021-2025

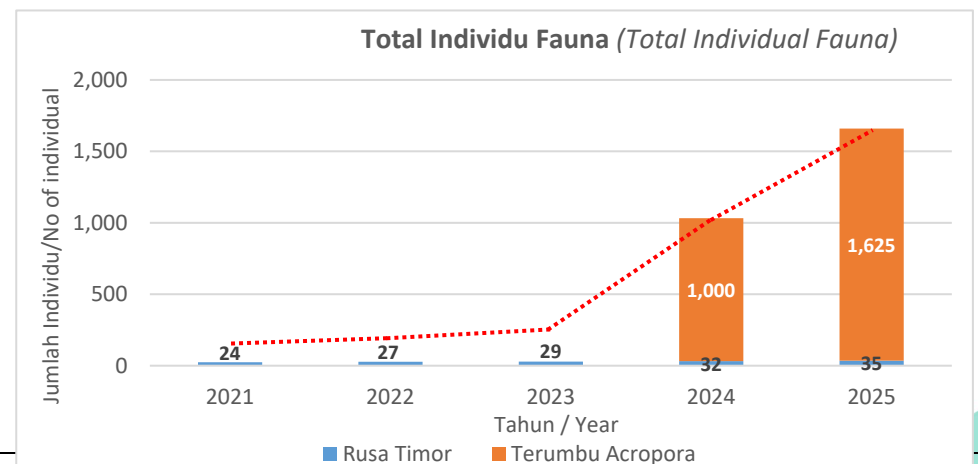
Grafik Peningkatan Spesies Flora dan Fauna di Area Reklamasi dan Area Rehabilitasi DAS *(Trend Graph of Flora and Fauna Species Growth in Reclamation and Watershed Rehabilitation Areas)*



Grafik Peningkatan Individu Flora *(Trend Graph of Flora Individual Growth)*



Grafik Peningkatan Individu Fauna *(Trend Graph of Fauna Individual Growth)*



STATUS DAN KECENDERUNGAN SUMBER DAYA KEANEKARAGAMAN HAYATI
Data and Trend Status of Biodiversity Resources (2021–2025)
PT Vale Indonesia Tbk
TAHUN 2021–2025

Berikut merupakan tabel status dan kecenderungan sumber daya keanekaragaman hayati PT Vale Indonesia Tbk tahun 2021–2025:
(The following table presents the status and trends of biodiversity resources at PT Vale Indonesia Tbk for the years 2021–2025:)

Tabel 1. Daftar Spesies Flora dan Fauna di Area Program Keanekaragaman Hayati (Area Reklamasi dan Area Rehabilitasi DAS)
(Table 1. List of Flora and Fauna Species in the Biodiversity Program Areas (Reclamation Areas and Watershed Rehabilitation Areas))

No	Nama Ilmiah (<i>Scientific Name</i>)	Nama Lokal (<i>Local Name</i>)	Jumlah Individu* (<i>Individual number</i>)				
			2021	2022	2023	2024	2025**
Flora							
1	<i>Acacia</i> sp.	Akasia	123.647	159.900	118.516	64.161	67.369
2	<i>Agathis celebica</i>	Damar	0	0	30	70	484
3	<i>Agathis dammara</i>	Agathis	103.039	133.250	148.144	80.202	84.212
4	<i>Agathis</i> sp.	Agathis	12.802	12.590	13.141	15.209	15.410
5	<i>Aleurites moluccana</i>	Kemiri	0	0	118.516	187.116	187.141
6	<i>Alstonia scholaris</i>	Pulai	0	0	0	40.440	50.144
7	<i>Alstonia</i> sp.	Kayu Tanduk	2.065	4.936	5.342	6.458	6.567
8	<i>Anacardium occidentale</i>	Jambu Mete	0	0	88.887	134.551	147.444
9	<i>Anthocephalus cadamba</i>	Jabon	0	0	0	112.200	117.810
10	<i>Anthocephalus macrophyllus</i>	Jabon	123.647	161.843	83.548	33.341	35.945
11	<i>Aquilaria malaccensis</i>	Gaharu	0	0	0	408	453
12	<i>Archidendron pauciflorum</i>	Jengkol	0	2.429	135.519	121.017	127.630
13	<i>Areca</i> sp.	Pinang Hutan	0	0	14	33	40
14	<i>Arenga pinnata</i>	Aren	0	0	89.198	86.336	90.662
15	<i>Artocarpus altilis</i>	Sukun	0	0	0	75.289	79.076
16	<i>Artocarpus camansi</i>	Kamassi/Kluwih	0	0	0	652	700
17	<i>Artocarpus heterophyllus</i>	Nangka	0	0	312	40.916	42.971
18	<i>Artocarpus incisus</i>	Kayu Tarra	2.065	4.936	5.342	6.458	6.567
19	<i>Artocarpus integer</i>	Cempedak	0	0	118.516	64.569	67.823

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			2021	2022	2023	2024	2025**
20	<i>Artocarpus teysmanii</i>	Saling-saling	0	0	0	571	618
21	<i>Avicennia</i> sp.	Bakau Avicennia	0	0	0	56.100	58.905
22	<i>Calamus caesius</i>	Rotan	0	0	28	65	78
23	<i>Calophyllum inophyllum</i>	Bintangur	10.647	11.053	11.575	13.452	13.634
24	<i>Calophyllum soulattri</i>	Betao	13.521	13.102	13.797	16.108	16.377
25	<i>Casuarina equisetifolia</i>	Cemara laut	0	3.644	36.435	1.890	3.390
26	<i>Casuarina junghuhniana</i>	Buangin	0	0	0	65.715	80.474
27	<i>Casuarina rumphiana</i>	Buangin	206.078	266.500	237.031	96.242	101.054
28	<i>Cinnamomum burmanni</i>	Kayu Manis	82.431	109.272	115.606	49.381	52.787
29	<i>Cinnamomum</i> sp.	Alinge	9.209	10.029	10.543	105.809	110.659
30	<i>Cinnamomum sulavesianum</i>	Kayu Manis sulawesi	0	0	0	0	200
31	<i>Citrus</i> sp.	Jeruk	0	0	0	300	500
32	<i>Clerodendrum paniculatum</i>	Bunga Pagoda	0	500	1.000	1.750	2.000
33	<i>Coelia</i> sp.	Anggrek Coelia	0	0	0	0	90
34	<i>Colona sabra</i>	Bonu	4.898	6.955	7.400	8.767	8.900
35	<i>Cyathea contaminans</i>	Pakis Hutan	0	0	27	63	76
36	<i>Cyathea</i> sp.	Pakis Payung	0	0	8	18	21
37	<i>Dendrobium</i> sp.	Anggrek Dendrobium	0	0	0	0	90
38	<i>Deplanchea bancana</i>	Lokomomo	0	0	312	815	865
39	<i>Dillenia celebica</i>	Dengen Celebica	0	0	0	250	500
40	<i>Dillenia serrata</i>	Dengen Serrata	19.118	26.177	34.178	40.057	44.300
41	<i>Diospyros celebica</i>	Kayu Hitam	10.787	15.476	23.258	26.449	27.300
42	<i>Durio zibethinus</i>	Duren	0	1.700	17.003	75.808	80.348
43	<i>Elmerrillia tsiampacca</i>	Kayu Uru	9.846	202.107	143.958	91.868	96.614
44	<i>Eucalyptus urograndis</i>	Ekaliptus	123.647	106.600	118.516	232.461	244.084
45	<i>Ficus benjamina</i>	Beringin	2.065	4.936	5.342	6.458	6.567
46	<i>Ficus racemosa</i>	Ficus Rangkong	0	0	312	815	865
47	<i>Ficus variegata</i>	Kayu Popon	2.065	4.936	5.342	6.458	6.567
48	<i>Garcinia celebica</i>	Mandula	0	0	20	47	57
49	<i>Garcinia mangostana</i>	Manggis	0	3.464	3.842	36.855	37.158
50	<i>Garcinia</i> sp.	Manggis Hutan	0	0	379	971	1.052
51	<i>Gmelina arborea</i>	Gmelina	144.254	82.379	110.748	182.941	193.025
52	<i>Hopea celebica</i>	Mata Kucing	0	0	62	606	681
53	<i>Ixora paludosa</i>	Asoka	0	0	0	300	500
54	<i>Kjellbergiodendron celebicum</i>	Tembeuwa	2.732	3.232	5.162	6.587	7.512
55	<i>Lansium domesticum</i>	Dukuh	0	0	88.887	48.121	50.527

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56	<i>Lansium</i> sp.	Langsat	0	0	59.258	40.101	42.106
57	<i>Litsea firma</i>	Ponto	0	0	16	37	44
58	<i>Maesopsis eminii</i>	Kayu Afrika	123.647	79.950	88.887	48.121	50.527
59	<i>Magnolia</i> sp.	Cempaka	123.647	159.900	177.773	80.202	84.212
60	<i>Mangifera indica</i>	Mangga	0	3.464	28.132	93.839	106.440
61	<i>Manilkara celebica</i>	Kumea	0	0	393	1004	1.092
62	<i>Melaleuca leucadendra</i>	Kayu Putih	0	0	0	40.440	50.144
63	<i>Mora</i> sp.	Natoh	8.491	9.516	10.071	11.839	12.031
64	<i>Mussaenda erythrophylla</i>	Nusa Indah	0	0	0	300	500
65	<i>Myristica fragrans</i>	Pala	0	0	0	36.015	45.208
66	<i>Nephelium lappaceum</i>	Rambutan	0	0	0	56.100	58.905
67	<i>Palaquium obovatum</i>	Nyato	82.431	79.950	88.971	88.757	100.906
68	<i>Palaquium</i> sp.	Kayu Asa	9.209	10.029	10.549	12.323	12.501
69	<i>Paraserianthes falcataria</i>	Sengon	82.431	108.057	133.090	32.837	35.041
70	<i>Parkia speciosa</i>	Pete	0	2.429	14.574	630	1.130
71	<i>Persea americana</i>	Alpukat	0	215.143	162.718	205.166	222.432
72	<i>Pinus merkusii</i>	Pinus	103.039	133.250	88.887	160.321	168.337
73	<i>Podocarpus neriifolius</i>	Sandruk	9.209	10.029	10.531	12.281	12.304
74	<i>Pometia pinnata</i>	Matoa	0	0	0	245	289
75	<i>Rhizophora</i> sp.	Bakau rizopora	0	0	0	114.200	121.810
76	<i>Santalum album</i>	Cendana	0	0	0	60.660	74.408
77	<i>Santiria laevigata</i>	Tapi-Tapi	0	0	314	820	871
78	<i>Sarcotheca celebica</i>	Belimbing Bajo	0	0	45	105	326
79	<i>Sarcotheca</i> sp.	Sarcoteka	0	0	312	815	865
80	<i>Shorea</i> sp.	Damar	0	0	59.258	40.101	42.106
81	<i>Sloetia elongata</i>	Polonangka	0	0	81	660	744
82	<i>Spathoglottis</i> sp.	Anggrek tanah	0	0	0	0	90
83	<i>Stemonurus celebicus</i>	Belulang	9.928	10.541	11.158	13.112	13.336
84	<i>Sundacarpus</i> sp.	Dama-dama	0	0	8	18	21
85	<i>Swietenia macrophylla</i>	Mahoni	82.431	106.600	118.516	195.061	204.814
86	<i>Syzygium oleana</i>	Pucuk Merah Hutan	0	0	24	56	67
87	<i>Syzygium polyanthum</i>	Salam	13.521	13.102	13.663	15.795	16.001
88	<i>Syzygium</i> sp.	Jambu-jambu	13.521	13.102	13.823	16.168	16.449
89	<i>Tamarindus indica</i>	Asam jawa	0	0	19.432	756	1.356
90	<i>Tectona grandis</i>	Jati	164.862	159.900	88.887	179.021	187.972
91	<i>Terminalia catappa</i>	Ketapang	0	0	0	74.800	78.540

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92	<i>Toona sureni</i>	Suren	103.039	133.250	59.258	32.081	33.685
93	<i>Tristania</i> sp.	Tristania	82.431	106.600	44.443	24.061	25.264
94	<i>Vitex coffasus</i>	Bitti	221.754	201.188	234.776	377.375	409.142
95	<i>Vitex</i> sp.	Bitti Hutan	0	3.464	3.842	4.774	4.866
96	<i>Weinmannia celebicus</i>	Buri	4.898	6.955	7.400	8.767	8.900
97	<i>Xanthostemon</i> sp.	Kalaju	4.898	6.955	7.507	9.016	9.198
Fauna							
1	<i>Acropora</i> sp.	Terumbu Acropora	0	0	0	1.000	1.625
2	<i>Rusa timorensis</i>	Rusa Timor	24	27	29	32	35
Total Jenis Flora (Total Flora)			38	47	74	93	97
Total Jenis Fauna (Total Fauna)			1	1	1	2	2
Total Jenis Flora dan Fauna (Total Flora and Fauna)			39	48	75	95	99
Total Individu Flora (Total of Individual Flora)			2.251.948	2.925.319	3.472.384	4.332.300	4.631.803
Total Individu Fauna (Total of Individual Fauna)			24	27	29	1.032	1.660
Total Individu Flora dan Fauna (Total of Individual Flora and Fauna)			2.251.972	2.925.346	3.472.413	4.333.332	4.633.463

* Data ini merupakan jumlah kumulatif hingga Juni 2025 terhitung sejak tahun 2021

** Data sampai bulan Juni 2025

*** Spesies ini dijadikan objek pada program **Konservasi Spesies Flora Endemik dan Dilindungi di Taman Kehati Sawerigading Wallacea Dalam Upaya Percepatan Suksesi Alami Reklamasi dan Revegetasi Lahan Pasca Tambang dengan Menggunakan Metode Gali Akar (Rootballed) dan ECO-FRIENDLY (Ecological Fertilizer using Hydrilla verticillata for Nursery Growing Media)**

* This data represents the cumulative total up to June 2025, starting from the year 2021

** Data as of June 2025

*** This species is included in the **Conservation Program for Endemic and Protected Flora Species at the Sawerigading Wallacea Biodiversity Park, as part of efforts to accelerate natural succession in post-mining land reclamation and revegetation using the Rootballed method and ECO-FRIENDLY approach (Ecological Fertilizer using Hydrilla verticillata for Nursery Growing Media)**