

This program runs on the company's commitment together with the community, community leaders and local government as well as the Forest and Environment Services of North Mamuju. Areas that have been identified as part of the AMC program are managed, planted with mangroves and maintained as well as financed by companies with involvement of local communities. Until 2018, 275,937 mangrove seedlings have been planted on area of 55 hectares, carried out gradually throughout the year in the area of Astra Mangrove Conservation.

> 250,000 mangroves have been planting which resulted in the Company being awarded the Kalpataru from national government in 2014





2014 (32,500 ind.)



2011 (36,000 ind.)



2015 (3,100 ind.)



2016 (720 ind.)



2012 (40,500 ind.)



2013 (12,000 ind.)



2018 (75.470 ind.)

Bird Species Richness on Mangrove Planting Area

Total bird species recorded during the monitoring were 67 species from 31 families, 19 species of which are protected by Indonesian law.

- 1. Alcedo atthis.
- 2. Anthreptes malacensis,
- 3. Ardeola speciosa,
- 4. Bubulcus ibis,
- 5. Cacatua sulphurea,
- Ciconia episcopus,
- 7. Cinnyris jugularis,
- 8. Circus assimilis,
- 9. Egretta eulophotes,
- 10. Egretta garzetta,
- 11. Halcyon chloris,
- 12. Halcyon sancta,
- 13. Haliaeetus leucogaster,
- 14. Haliastur indus.
- 15. Himantopus leucocephalus,
- 16. Macrocephalon maleo,
- 17. Numenius madagascariensis,
- 18. Numenius phaeopus,
- 19. Sterna albifrons.



Actitis hypoleucos



Biodiversity monitoring (especially migratory bird species)



Ardeola speciosa

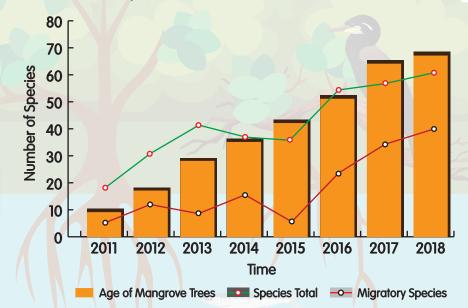


Cacatua Sulphurea

Himantopus leucocephalus



Species Accumulation Curves





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