

Supplementary Material

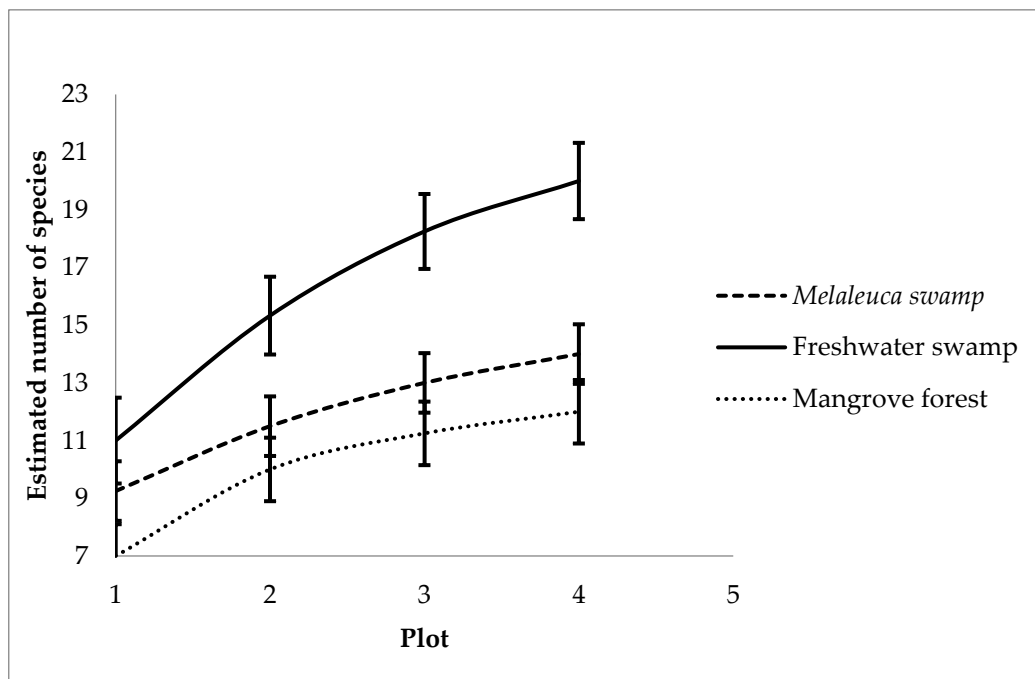


Figure S1. Sample-based rarefaction curve for *Melaleuca* swamp forest, freshwater swamp forest and mangrove forest in Setiu Wetlands.

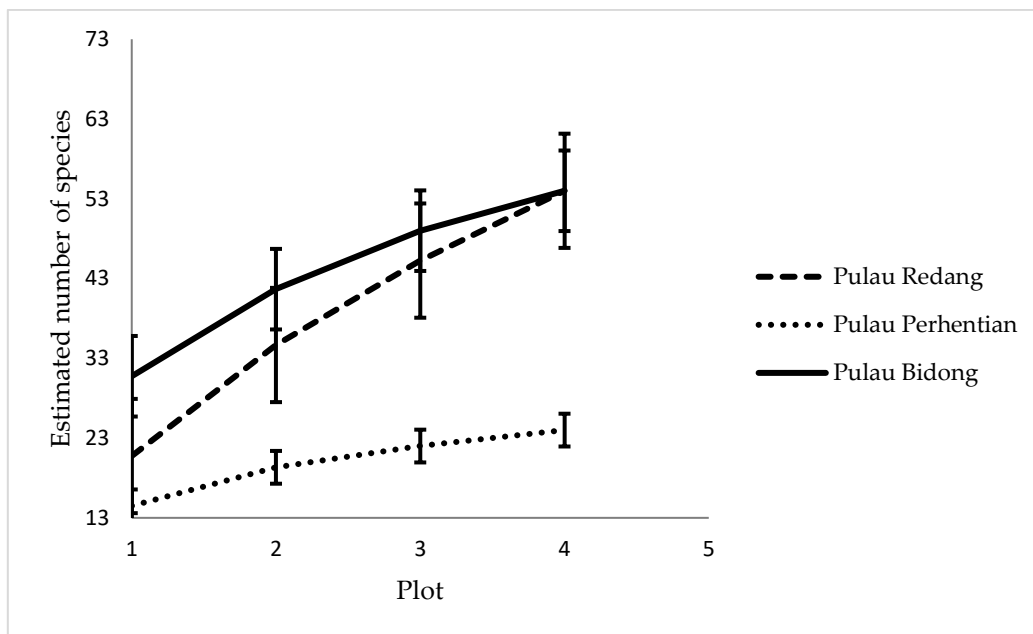


Figure S2. Sample-based rarefaction curve for Pulau Redang, Pulau Perhentian and Pulau Bidong.

Table S1. Stem density, basal area and diversity in mangrove forest for this study compared with other studies in Southeast Asia.

| | This study | Mukhtar et al. [31] | Norhayati et al. [32] | Kasawani et al. [33] | Sudtongkong and Webb [36] | Abino et al. [35] | Wan Norilani et al. [34] |
|---|------------|--------------------------------------|------------------------------------|-------------------------|------------------------------|----------------------|-----------------------------|
| Stem density (Trees/ha) | 1208 | 3711.1 4552.8 2336.2 1022.2 | - | 2070 | 1373 3095 4868 5655 | 1133 | 4868 1560 |
| Basal area of trees (m ² /ha) | 8.84 | 25.23 27.84 31.82 23.9 | - | 21.68 | 78.3 15.4 22.1 9.8 | - | 7.77 18.18 |
| Diversity (H') | 0.98 | - | 1.71 1.43 0.82 1.2 1.2 | 1.603 | 1.99 1.9 1.11 1.4 | 1.63 | 0.763 1.219 |