

Table 1. Lists of plants collected during the botanical exploration in the period 1985-1988. The nomenclature follows Backer and Bakhuizen van den Brink Jr. (1963-1968). The voucher specimens are deposited at the Laboratory of Marine Botany, Centre for Oceanological Research and Development, Indonesian Institute of Sciences, Jakarta.

Family and Species	Botanical Site					Remarks
	1	2	3	4	5	
<b>A. MONOCOTYLEDONEAE</b>						
<b>1. AMARYLIDACEAE</b>						
1. <i>Crinum asiaticum</i> L.	+	+	+	+	?	very rare
<b>2. ARACEAE</b>						
1. <i>Alocasia</i> sp.	-	-	?	+	+	rare
2. <i>Amorphophalus</i> sp.	+	+	?	?	?	rare
3. <i>Colocasia esculenta</i> (L.) Schott	-	-	-	+	+	rare, cultivated
4. <i>Cyrtosperma</i> sp.	+	+	+	+	+	rare
5. <i>Rhapidophora</i> sp.	+	+	+	+	+	occasional
<b>3. ARECACEAE</b>						
1. <i>Areca catechu</i> L.	-	-	+	+	+	rare, introduced
2. <i>Cocos nucifera</i> L.	+	+	+	+	+	very common
3. <i>Nypa fruticans</i> Wurm.	-	-	-	-	+	very rare
<b>4. BROMELIACEAE</b>						
1. <i>Ananas comosus</i> (L.) Merr.	-	+	+	+	+	common, cultivated
<b>5. COMMELINACEAE</b>						
1. <i>Commelina</i> sp.	+	+	+	+	?	common
2. <i>C. benghalensis</i> L.	-	-	-	?	+	frequent
3. <i>Murdania</i> sp.	-	-	?	?	+	occasional
4. <i>Zebrina pendula</i> Schnizl	+	+	+	+	+	rare, introduced
<b>6. CYPERACEAE</b>						
1. <i>Carex</i> sp.	?	?	?	+	+	common
2. <i>Cyperus difformis</i> L.	+	+	+	+	+	common
3. <i>C. iria</i> L.	+	+	+	+	+	common
4. <i>C. javanicus</i> Houtt.	+	+	+	+	+	common
5. <i>C. kyllingia</i> Endl.	+	+	+	+	+	common
6. <i>C. rotundus</i> L.	+	+	+	+	+	common
7. <i>Fimbristylis cymosa</i> R.Br.	+	+	+	+	+	common
8. <i>F. polytrichoides</i> (Retz.) R.Br.	+	+	+	+	+	common
<b>7. DIOSCOREACEAE</b>						
1. <i>Dioscorea</i> sp.	+	+	+	+	+	common
2. <i>D. alata</i> L.	?	+	+	+	+	common
<b>8. LILIACEAE</b>						
1. <i>Cordyline fruticosa</i> (L.) A. Chev.	+	+	+	+	+	common
2. <i>Sansevieria trifasciata</i> Prain	+	+	+	+	+	common, exotic, introduced
3. <i>Zephyranthes rosea</i> (Spreng) Lindl.	?	?	+	+	+	frequent, introduced
<b>9. MUSACEAE</b>						
1. <i>Musa</i> sp.	+	+	+	+	+	common, cultivated
<b>10. ORCHIDACEAE</b>						
1. <i>Bulbophyllum</i> sp.	-	-	-	+	+	rare
2. <i>Calanthe zollingeri</i> Rehb. f.	-	+	+	+	+	common
3. <i>Dendrobium</i> sp.	?	?	-	+	+	rare
4. <i>Phaius</i> sp.	-	?	+	+	+	common
<b>11. PANDANACEAE</b>						
1. <i>Pandanus tectorius</i> Soland ex Park.	+	+	+	+	+	common
<b>12. POACEAE</b>						
1. <i>Cymbopogon citratus</i> (DC). Stapf.	+	+	+	+	+	common
2. <i>Bambusa vulgaris</i> Schrad.	-	-	+	+	+	frequent
3. <i>Chloris</i> sp.	+	+	+	+	+	common
4. <i>Cynodon dactylon</i> (L.) Pers.	+	+	+	+	+	common
5. <i>Dactyloctenium aegyptium</i> (L.) Richt	-	+	+	+	+	common
6. <i>Digitaria adscendens</i> (H. B. K.) Hern	+	+	+	+	+	common
7. <i>D. longiflora</i> (Retz.) Pers.	+	+	+	+	+	very common
8. <i>D. microbachne</i> (Persl.) Hern	+	+	+	+	+	very common
9. <i>Eleusine indica</i> (L.) Gaertn.	+	+	+	+	+	very common
10. <i>Imperata cylindrica</i> (L.) Beauv.	+	+	+	+	+	abundance
11. <i>Ischaemum muticum</i> L.	+	+	+	+	+	very common
12. <i>Panicum repens</i> L.	+	+	+	+	+	very common

13. <i>Paspalum commersonii</i> Lamk.	+	+	+	+	+	very common
14. <i>Setaria plicata</i> (Lamk.) T.Cooke	-	-	-	+	+	frequent
15. <i>Sporobolus</i> sp.	+	+	+	+	+	abundance
16. <i>S. diander</i> (Retz.) Beauv.	+	+	+	+	+	abundance
17. <i>S. javensis</i> Ohwi	+	+	+	+	+	common
18. <i>Spinifex littorius</i> (Burm.f.) Merr	+	+	+	+	+	common
19. <i>Stenotaphrum micranthum</i> (Desv.) C. E. Hubb	?	?	?	+	+	rare
20. <i>Thuarea involuta</i> (Forst.f) R. & S.	-	-	+	+	+	common, indigenous
<b>13. TACCACEAE</b>						
1. <i>Tacca leontopetaloides</i> (L.) O.Ktze	+	+	+	+	+	rare
<b>14. ZINGIBERACEAE</b>						
1. <i>Alpinia</i> sp.	-	-	-	+	+	rare
2. <i>Costus speciosus</i> (Koen.) J. E. Smith.	-	-	-	+	+	rare
3. <i>Curcuma viridiflora</i> Roxb.	-	-	+	+	+	common, cultivated
4. <i>Zingiber</i> sp.	-	+	+	+	+	common
5. <i>Z. spectabilis</i> Grif.	+	+	+	+	+	common
<b>B. DICOTYLEDONEAE</b>						
<b>15. ACANTHACEAE</b>						
1. <i>Acanthus ilicifolius</i> L.	-	-	-	-	+	very rare
2. <i>Andrographis paniculata</i> (Burm.f) Nees	-	-	+	+	+	rare
3. <i>Asystasia nemorum</i> Nees	?	?	?	+	+	rare
4. <i>Barleria prionitis</i> L.	-	+	+	+	+	rare
5. <i>Ruellia tuberosa</i> L.	+	+	+	+	+	common
<b>16. AMARANTHACEAE</b>						
1. <i>Achyranthes aspera</i> L.	?	?	+	+	+	common
2. <i>Aerva lanata</i> (L.) Juss.	+	+	+	+	+	common
3. <i>Amaranthus</i> sp.	+	+	+	+	+	common
4. <i>A. gracilis</i> Desf.	+	+	+	+	+	common
<b>17. ANACARDIACEAE</b>						
1. <i>Lannea grandis</i> (Dennst.) Engl.	-	-	+	+	+	common
2. <i>L. coromandelica</i> (Houtt.) Merr.	-	-	+	+	+	rare
3. <i>Mangifera indica</i> L.	+	+	+	+	+	common, cultivated
4. <i>Semecarpus venenosus</i> Volk.	+	+	+	+	+	rare
5. <i>Spondias dulcis</i> Soland. ex Park	-	-	+	+	+	rare
6. <i>S. mombin</i> L.	?	?	?	?	+	very rare
7. <i>S. pinnata</i> (L. f.) Kurz	-	-	-	-	+	rare
<b>18. APOCYNACEAE</b>						
1. <i>Allamanda cathartica</i> L.	-	-	-	+	+	rare, exotic
2. <i>Catharanthus roseus</i> (L.) G. Don	+	+	+	+	+	common, exotic
3. <i>Nerium oleander</i> L.	-	-	-	-	+	rare, exotic
4. <i>Plumeria</i> sp.	+	+	+	+	+	rare, exotic
5. <i>Urceola</i> sp.	?	-	-	+	+	rare
<b>19. ARALIACEAE</b>						
1. <i>Polyscias grandifolia</i> Volk.	?	?	?	?	+	rare, introduced
<b>20. ASCLEPIADACEAE</b>						
1. <i>Asclepias curassavica</i> L.	?	?	+	+	+	rare
2. <i>Dregea volubilis</i> (L. f.) Bth. ex Hook. f.	?	?	-	-	+	rare
3. <i>Gymnanthera paludosa</i> (Bl.) K.Schum	-	-	-	-	+	rare
4. <i>Hoya diversifolia</i> Bl.	-	-	+	+	+	rare
5. <i>Ischnostema carnosum</i> (Schltr.) Merr. & Rolf.	-	-	-	-	+	rare
<b>21. ASTERACEAE (COMPOSITAE)</b>						
1. <i>Ageratum conyzoides</i> L.	+	+	+	+	+	very common, exotic
2. <i>Bidens pilosa</i> L.	+	+	+	+	+	very common, exotic
3. <i>Cosmos</i> sp.	+	+	+	+	+	Common, exotic
4. <i>Eclipta prostata</i> (L.) L.	-	-	+	+	+	Common, exotic
5. <i>Eleutheranthera ruderalis</i> (SW.) Schi.- Bip.	?	?	?	-	+	Rare, exotic
6. <i>Eupatorium odoratum</i> L. f.	+	+	+	+	+	common
7. <i>Gynura procumbens</i> (Lour.) Merr.	-	-	+	+	+	common
8. <i>Mikania micrantha</i> Kunth	+	+	+	+	+	common, introduced (?)
9. <i>Pluchea indica</i> (L.) Less.	+	+	+	+	+	common, introduced
10. <i>Synedrella nodiflora</i> (L.) Gaertn.	-	-	-	?	+	Rare, exotic
11. <i>Tagetes</i> sp.	-	-	-	+	+	common, exotic, introduced
12. <i>Tridax procumbens</i> L.	-	+	+	+	+	common, introduced
13. <i>Vernonia cinerea</i> (L.) Less.	-	-	?	?	+	Rare
14. <i>Wedelia biflora</i> (L.) DC	-	-	-	+	+	Common, exotic

22. BORRAGINACEAE						
1. <i>Cordia subcordata</i> Lamk.	-	-	+	+	+	rare, indigenous
23. CACTACEAE						
1. <i>Opuntia vulgaris</i> Mill.	-	-	-	-	+	very rare, introduced (?)
24. CAPPARACEAE						
1. <i>Cleome gynandra</i> L.	-	-	-	?	+	rare
25. CARICACEAE						
1. <i>Carica papaya</i> L.	+	+	+	+	+	very common, exotic, cultivated
26. CASUARINACEAE						
1. <i>Casuarina equisetifolia</i> J. R. & G. Forst.	+	+	+	+	+	rare
27. CHENOPODIACEAE						
1. <i>Suaeda maritima</i> (L.) Dum.	-	-	?	?	+	rare
28. COMBRETACEAE						
1. <i>Lumnitzera racemosa</i> Willd.	-	-	-	+	+	rare
2. <i>Terminalia cattapa</i> L.	+	+	+	+	+	common, indigenous
29. CONVOLVULACEAE						
1. <i>Ipomoea batatas</i> (L.) Lam	-	+	+	+	+	common, cultivated
2. <i>I. micrantha</i> Roem.& Schult	+	+	+	+	+	common, indigenous
3. <i>I. maxima</i> (L. f.) G.Don ex Sweet	?	?	?	+	+	rare
4. <i>I. pes-caprae</i> (L.) Sweet	+	+	+	+	+	very common, indigenous
5. <i>I. trichosperma</i> Bl.	-	-	?	+	+	rare
6. <i>I. tuba</i> (Schelchtend.) G. Don	-	-	-	-	+	very rare
7. <i>I. littoralis</i> Bl.	-	-	-	+	+	rare
8. <i>Merremia umbellata</i> (L.) Hall. f.	-	-	+	+	+	common
30. CRASSULACEAE						
1. <i>Kalanchoe pinnata</i> (Lamm.)Pers.	-	-	-	+	+	rare, exotic, introduced (?)
31. CUCURBITACEAE						
1. <i>Coccinia grandis</i> (L.) Voigt	-	-	-	-	+	rare
2. <i>Cucumis melo</i> L.	-	-	+	+	+	common, cultivated
3. <i>Cucurbita moschata</i> (Duch. ex Lam). Poir.	-	-	-	+	+	common, cultivated
32. EUPHORBIACEAE						
1. <i>Acalypha indica</i> L.	?	?	?	?	+	rare
2. <i>Breynia</i> sp.	-	?	-	+	?	rare
3. <i>B. laevigata</i> (Bl.) MA	-	-	-	?	+	rare
4. <i>Codiaeum variegatum</i> (L.) Bl.	-	-	+	+	+	rare, exotic
5. <i>Croton</i> sp.	+	+	+	+	+	common
6. <i>Euphorbia atoto</i> Forst.	-	-	+	+	+	very rare
7. <i>E. hirta</i> L.	-	-	-	+	+	rare, introduced
8. <i>E. prostata</i> Ait.	?	-	?	+	+	common
9. <i>Excoecaria agallocha</i> L.	-	-	-	-	+	very rare
10. <i>Jatropha gossypifolia</i> var. <i>elegans</i> M.A.	-	-	-	-	+	very rare
11. <i>Macaranga</i> sp.	-	-	-	?	+	rare
12. <i>Mallotus philippensis</i> L.	+	+	+	-	?	rare
13. <i>Phyllanthus</i> sp.	-	-	?	+	+	rare, indigenous
14. <i>P. niruri</i> L.	+	+	+	+	+	common, indigenous
15. <i>P. virgatus</i> Forst.f	-	-	?	+	+	rare, indigenous
16. <i>Ricinus communis</i> L.	-	-	-	-	+	rare, exotic
33. FABACEAE ( LEGUMINOSAE)						
1. <i>Abrus precatorius</i> L.	-	-	-	-	+	rare
2. <i>Albizia</i> sp.	-	-	-	-	+	rare
3. <i>A. lebeck</i> (L.) Bth.	+	-	-	-	?	rare
4. <i>Caesalpinia crista</i> L.	+	+	+	?	?	rare, indigenous
5. <i>C. bonduc</i> (L) Roxb. emend. Dandy & Exell	-	-	-	-	+	rare, indigenous
6. <i>Canavalia ensiformis</i> (L.) DC	-	+	+	+	+	common
7. <i>C. maritima</i> (Aubl.) Urb.	+	+	+	+	+	common, indigenous
8. <i>Cassia</i> sp.	-	-	-	+	+	rare
9. <i>Clitoria ternatea</i> L.	+	+	+	+	+	common
10. <i>Crotalaria juncea</i> L.	-	+	+	+	+	common
11. <i>Delonix regia</i> (Bojer. ex Hook) Rafin	-	-	+	+	+	very rare, exotic, introduced
12. <i>Derris elliptica</i> (Roxb.) Benth	-	?	?	?	+	common
13. <i>D. scandens</i> (Roxb.) Bth.	?	?	?	-	+	rare
14. <i>D. trifoliata</i> Lour.	+	+	?	?	?	rare
15. <i>Desmodium umbellatum</i> (L.) DC	-	-	-	-	+	rare
16. <i>Dolichos lablab</i> L.	+	+	+	+	+	common, cultivated
17. <i>Erythrina variegata</i> var. <i>orientalis</i> (L.) Merr.	-	-	-	-	+	Rare
18. <i>Leucaena leucocephala</i> (Lam.) de Wit	+	+	+	+	+	rare, introduced (?)

19. <i>Lysiphyllum binatum</i> (Blanco) de Wit	?	?	?	?	+	Rare
20. <i>Mimosa invisa</i> Mart. ex Colla	+	+	+	+	+	common
21. <i>M. pigra</i> L.	+	+	+	+	+	common
22. <i>M. pudica</i> L.	+	+	+	+	+	very common
23. <i>Pithecelobium dulce</i> (Roxb.) Bth.	-	-	+	+	+	rare, Introduced (?)
24. <i>Pongamia pinnata</i> (L.) Merr.	+	+	+	+	+	common
25. <i>Sesbania grandiflora</i> Pers.	+	+	-	-	-	rare, introduced
26. <i>S. sericea</i> (Wild.) Link.	+	+	?	?	?	rare
27. <i>Tamarindus indica</i> L.	+	+	-	-	-	rare, introduced
28. <i>Vigna marina</i> (Burm.) Merr.	+	+	+	+	+	common
34. FICODIACEAE						
1. <i>Sessuvium portulacastrum</i> (L.)L.	+	+	+	+	+	common
35. FLAGELLARIACEAE						
1. <i>Flagellaria indica</i> L.	+	-	-	+	?	very rare
36. GOODENIACEAE						
1. <i>Scaevola taccada</i> Roxb.	-	-	-	+	+	rare, indigenous
37. GUTTIFERAE						
1. <i>Calophyllum inophyllum</i> L.	-	-	+	-	+	rare, indigenous
2. <i>Cratoxylum formosum</i> (Jack.) Dyer	+	-	-	?	?	rare
38. HERNANDIACEAE						
1. <i>Hernandia peltata</i> Meissn.	-	-	+	-	-	rare, indigenous
39. LABIATAE						
1. <i>Leonitis nepentaeifolia</i> (L.) R. Br.	?	?	?	-	+	rare
40. LAMIACEAE						
1. <i>Ocimum sanctum</i> L.	-	-	-	-	+	rare
41. LAURACEAE						
1. <i>Cassytha filiformis</i> L.	-	-	-	-	+	rare, introduced (?), indigenous (?)
2. <i>Persea americana</i> Mill.	-	-	-	-	+	rare, cultivated
42. LECYTHIDACEAE						
1. <i>Barringtonia asiatica</i> (L.) Kurz.	-	-	+	+	+	rare
2. <i>B. insignis</i> (Bl.) Miq.	?	?	?	?	+	very rare
43. LOGANIACEAE						
1. <i>Spigelia atelma</i> (L.) Kurz.	-	?	-	+	?	rare
44. LORANTHACEAE						
1. <i>Viscum ovalifolium</i> Wall.ex DC	?	-	?	+	+	rare
45. LYTHRACEAE						
1. <i>Pemphis acidula</i> J. R. & G. Forst.	+	+	+	+	+	common, indigenous
46. MALPHIGIACEAE						
1. <i>Hiptage benghalensis</i> (L.)Kurz.	?	-	-	+	?	rare
47. MALVACEAE						
1. <i>Abutilon indicum var albescens</i> (Miq.) Bors.	-	-	-	-	+	rare
2. <i>Hibiscus rosa-sinensis</i> L.	+	+	+	+	+	common, planted, introduced
3. <i>H. tiliaceus</i> L.	+	+	+	+	+	common, indigenous
4. <i>Thespesia populnea</i> (L.) Soland ex Corria	-	-	+	+	+	common
5. <i>Sida acuta</i> Burm. f.	?	?	-	+	+	rare, indigenous
6. <i>S. rhombifolia</i> L.	+	+	+	+	+	rare, indigenous
48. MELASTOMATACEAE						
1. <i>Melastoma malabathricum</i> D. Don.	-	-	-	+	+	common
49. MELIACEAE						
1. <i>Aglaiia elaeagnoidea</i> (Juss.) Bth.	-	-	-	-	+	rare
2. <i>Melia azedarach</i> L.	-	-	+	-	-	rare
3. <i>Xylocarpus granatum</i> Koen.						
4. <i>Xylocarpus moluccensis</i> (Lam.) M. Roem	-	?	+	-	?	rare
50. MENISPERMACEAE						
1. <i>Cocculus trilobus</i> (Thunb.) DC	+	-	?	?	?	rare
51. MORINGACEAE						
1. <i>Moringa pterygosperma</i> Gaertn.	-	-	-	-	+	rare
52. MYRSINACEAE						
1. <i>Aegiceras corniculatum</i> (L.) Blanco.	+	+	-	-	-	rare
53. MORACEAE						
1. <i>Artocarpus altilis</i> (Park.) Fosb.	+	+	+	+	+	common, exotic, introduced (?)
2. <i>Ficus</i> sp.	+	+	+	+	+	common
3. <i>F. religiosa</i> L.	-	-	-	+	+	rare, introduced, planted (?), exotic
4. <i>Maclura conchichinensis</i> (Lour.) Corner	?	?	?	+	+	rare
54. MYRTACEAE						
1. <i>Syzygium javanicum</i> Miq.	+	+	+	+	+	common

2. <i>S. laxiflorum</i> (Bl.) DC	-	?	?	+	+	rare
3. <i>Decaspermum fruticosum</i> Forst.	-	-	-	-	+	rare
4. <i>Psidium guajava</i> L.	+	+	+	+	+	common
55. NYCTAGINACEAE						
1. <i>Boerhavia diffusa</i> L.	+	+	+	+	+	rare, indigenous
2. <i>Bougainvillea spectabilis</i> Willd.	+	+	+	+	+	common, planted, exotic
3. <i>Pisonia grandis</i> R. Br.	+	+	-	-	-	rare, indigenous
56. OXALIDACEAE						
1. <i>Averrhoa bilimbi</i> L.	+	+	+	+	+	common, planted
2. <i>A. carambola</i> L.	-	-	-	-	+	rare, planted
3. <i>Oxalis</i> sp.	+	+	+	+	+	common
57. PASSIFLORACEAE						
1. <i>Passiflora</i> sp.	+	-	+	+	+	rare
2. <i>P. foetida</i> L.	+	+	+	+	+	common
58. PHYTOLACACEAE						
1. <i>Rivina humilis</i> L.	+	?	?	?	?	rare
59. PIPERACEAE						
1. <i>Piper</i> sp.	-	-	-	-	+	rare
2. <i>P. aduncum</i> L.	+	+	+	+	+	common, exotic
60. PORTULACACEAE						
1. <i>Portulaca oleracea</i> L.	-	-	+	+	+	common, exotic
61. RHAMNACEAE						
1. <i>Colubrina asiatica</i> (L.) Bl.	+	+	+	+	+	common
2. <i>Zizyphus jujuba</i> Lam.	-	-	+	?	?	Rare, introduced (?)
62. RHIZOPHORACEAE						
1. <i>Bruguiera cylindrica</i> (L.) Bl.	-	-	-	-	+	rare, indigenous
2. <i>B. gymnorhiza</i> (L.) Lamk.	+	-	-	+	-	rare, indigenous
3. <i>B. parviflora</i> (Roxb.) Wight & Arn.	-	-	-	+	?	rare, indigenous
4. <i>Ceriops decandra</i> (Griff.) Ding Hou	-	+	-	-	-	rare, indigenous
5. <i>Rhizophora apiculata</i> Bl.	+	-	-	-	-	rare, indigenous
6. <i>R. stylosa</i> Griff.	+	+	+	+	+	abundant, indigenous
63. RUBIACEAE						
1. <i>Borreria</i> sp.	+	+	+	+	+	abundant
2. <i>Guettarda speciosa</i> L.	+	+	+	-	-	rare, indigenous
3. <i>Hedyotis corymbosa</i> (L.) Lamk.	-	+	?	?	?	rare
4. <i>H. fruticulosa</i> (Volk.) Merr.	+	+	-	-	-	very rare
5. <i>Ixora</i> sp.	+	+	+	+	+	common, introduced (?)
6. <i>I. timorensis</i> Decne	-	-	-	+	?	rare
7. <i>Morinda citrifolia</i> L.	+	+	+	+	+	common, indigenous
8. <i>Mussaenda frondosa</i> L.	+	+	+	-	-	common, planted
9. <i>Oldenlandia</i> sp.	+	?	?	?	?	rare
10. <i>Paederia scandens</i> (Lour.) Merr.	?	?	?	?	+	rare
11. <i>Scyphiphora hydrophyllacea</i> Gaertn. f.	-	-	+	-	-	very rare
64. RUTACEAE						
1. <i>Citrus</i> sp.	+	+	+	+	+	common, planted
2. <i>C. aurantiifolia</i> (Christen) Swingle	+	+	+	+	+	common, planted
3. <i>C. aurantium</i> L.	-	-	+	+	+	rare, planted
4. <i>Triphasia trifolia</i> (Burm. f.) F. Wills.	-	+	-	-	-	rare, indigenous
65. SALVADORACEAE						
1. <i>Azima sarmentosa</i> (Bl.) B. & H.	?	?	?	?	+	rare
66. SAPINDACEAE						
1. <i>Alectryon serratus</i> Radlk.	?	+	-	-	-	rare
2. <i>Allophylus cobbe</i> (L.) Ralusch	+	+	+	+	+	common
3. <i>Arytera litoralis</i> Bl.	+	-	-	-	-	rare
4. <i>Elatostachys verrucosa</i> (Bl.) Randlk.	+	-	-	-	-	rare
5. <i>Schleichera oleosa</i> (Lour.) Oken	+	+	+	+	-	rare
67. SAPOTACEAE						
1. <i>Manilkara kauki</i> (L.) Dubard	+	+	+	+	+	rare, planted, introduced
2. <i>Mimusops coreiacea</i> (DC.) Miq.	+	-	-	-	-	rare, planted, introduced
3. <i>M. elengi</i> L.	+	?	?	?	?	rare
68. SOLANACEAE						
1. <i>Capsicum frutescens</i> L.	+	+	+	+	+	common, cultivated
2. <i>Lycopersicon esculentum</i> Mill.	+	+	+	+	+	common, cultivated
3. <i>Physalis</i> sp.	-	-	-	+	+	rare, introduced
4. <i>P. minima</i> L.	+	+	+	+	+	Rare
5. <i>Solanum melongena</i> L.	+	+	+	+	+	common, cultivated

6. <i>S. nigrum</i> L.	+	+	+	+	+	common, cultivated
7. <i>S. torvum</i> Sw.	+	+	+	+	+	common, cultivated
69. SONNERATIACEAE						
1. <i>Sonneratia ovata</i> Back.	+	+	+	-	-	rare
70. STERCULIACEAE						
1. <i>Abroma augusta</i> (L.) L. f.	-	-	+	-	-	rare
2. <i>Heritiera littoralis</i> Ait.	-	-	+	-	-	very rare
3. <i>Sterculia foetida</i> L.	-	-	-	+	-	rare
71. SYMPLICACEAE						
1. <i>Symplocos</i> sp.	+	-	-	-	?	rare
72. UMBELLIFERAE						
1. <i>Centella asiatica</i> (L.) Ure	+	+	+	+	+	common
73. URTICACEAE						
1. <i>Laportea</i> sp.	-	?	?	?	+	rare
2. <i>L. interrupta</i> (L.) Gaud.	?	?	+	?	?	rare, indigenous (?)
3. <i>Procris</i> sp.	+	+	+	+	+	common
74. VERBENACEAE						
1. <i>Avicennia alba</i> Bl.	+	+	+	+	+	rare
2. <i>A. marina</i> (Forsk.) Vierh.	+	+	+	+	+	common
3. <i>A. officinalis</i> L.	+	+	+	+	+	rare
4. <i>Clerodendrum inerme</i> (L.) Gaertn.	+	+	+	+	+	common, indigenous
5. <i>Lantana camara</i> L.	+	+	+	+	+	common
6. <i>Premna obtusifolia</i> K. & V.	+	+	+	+	+	common
7. <i>Stachytarpheta jamaicensis</i> (L.) Vahl.	+	+	+	+	+	common
8. <i>Vitex trifolia</i> L.	+	+	+	+	+	rare, exotic (?)
75. THYMELAEACEAE						
1. <i>Phaleria</i> sp.	+	+	+	+	+	very rare
76. TILIACEAE						
1. <i>Corchorus aestuans</i> L.	?	?	?	?	+	rare
2. <i>Triumfetta procumbens</i> Forst. f.	+	+	+	+	+	rare, indigenous
77. VITACEAE						
1. <i>Cayratia trifolia</i> (L.) Domin	-	+	+	+	+	common
2. <i>Vitis vinifera</i> L.	+	+	+	+	+	common
<b>C. FERNS</b>						
1. MARANTHIACEAE						
1. <i>Angiopteris</i> sp.	+	+	+	+	+	rare
2. OPHIOGLOSSACEAE						
1. <i>Helminthostachys zeylanicum</i> Hook.	+	+	+	-	-	rare
2. <i>Ophioglossum</i> sp.	-	-	?	+	+	rare
3. PARKERIACEAE						
1. <i>Ceratopteris</i> sp.	?	?	+	+	+	rare
4. POLYPODIACEAE						
1. <i>Acrostichum aureum</i> L.	+	+	+	+	+	rare
2. <i>Adiantum</i> sp.	-	-	-	-	+	rare
3. <i>Antrophyum</i> sp.	+	+	-	-	-	very rare
4. <i>Asplenium nidus</i> L.	+	+	+	+	+	rare
5. <i>Blechnum</i> sp.	-	-	-	-	+	very rare
6. <i>Cheilanthes</i> sp.	+	-	-	-	-	rare
7. <i>Cyclosorus</i> sp.	+	+	?	?	?	very rare
8. <i>Davalia</i> sp.	+	+	+	+	+	rare
9. <i>Polypodium</i> sp.	+	+	+	+	+	rare
10. <i>Pteris</i> sp.	+	+	+	-	-	rare
11. <i>Thelypteris</i> sp.	+	+	?	?	?	rare
12. <i>Vittaria</i> sp.	+	+	+	+	+	common
5. PSILOTACEAE						
1. <i>Psilotum nudum</i> (L.) Beauv	+	+	+	+	+	rare

Key to table: (+) means specimen complete, (-) means specimen sterile/un-complete, (?) means doubtful specimen

Botanical Site 1 = East coast area (April 1984), Site 2 = South coast area (January 1985), Site 3 = North coast area (August 1985), Site 4 = West coast area (June 1986), Site 5 = Center area (April 1987).

Table 2. Predominant species (Importance Value, I.V >2.50%) of an undergrowth species in the Casuarina formation in January 1985 based on 155 (1 m x 1 m) plots.

Species	I.V (%)	C (%)	N	Remarks
1. <i>Ischaemum muticum</i>	122.95**	30.20 (25.60)	-	Strand flora, pes-caprae formation
2. <i>Imperata cylindrica</i>	55.45*	13.20 ( 9.60)	-	Strand flora, with the help of man
3. <i>Cyperus javanicus</i>	26.35	7.20 ( 6.15)	-	Strand flora
4. <i>Tridax procumbens</i>	19.75	5.70 ( 5.50)	323	Strand flora
5. <i>Phyllanthus virgatus</i>	7.80	1.10 ( 0.85)	106	Strand flora, with the help of man
6. <i>Tacca leontopetaloides</i>	7.22	4.20 ( 3.55)	41	-
7. <i>Spinifex littoreus</i>	6.90	31.15 (26.70)	-	Strand flora, pes-caprae formation
8. <i>Wedelia biflora</i>	6.80	5.30 ( 4.05)	49	Strand flora, undergrowth in mangrove
9. <i>Premna obtusifolia</i>	6.70	7.10 ( 4.80)	35	Strand flora, tree seedling, Calophyllum formation
10. <i>Spigelia anthelmia</i>	6.10	1.90 ( 1.85)	146	-
11. <i>Ipomoea pes-caprae</i>	5.80	14.20 (12.05)	-	Strand flora, pes-caprae formation
12. <i>Pongamia pinnata</i>	5.80	9.40 ( 7.65)	29	Tree seedling, Calophyllum formation
13. <i>Borreria</i> sp.	4.15	4.15 ( 2.95)	61	-
14. <i>Passiflora foetida</i>	3.75	4.45 ( 3.55)	36	-
15. <i>Phyllanthus niruri</i>	3.40	1.35 ( 1.30)	37	Strand flora, with the help of man
16. <i>Phyllanthus</i> sp.	2.80	1.10 ( 1.05)	32	Strand flora, with the help of man
17. <i>Casuarina equisetifolia</i>	2.58	3.50 ( 1.25)	30	Strand flora, tree seedling, Casuarina formation

Note= IV: Importance Value is the sum of the relative frequency, relative density, and relative dominance, \*\*: Dominant species, \*: Co-dominant species, C: Plant covers 1 m<sup>-2</sup> (average +standard deviation), N: Number of individual 155 m<sup>-2</sup>

Table 3. Floristic composition of undergrowth species in the Coconut stands in Pari Island (April 1987) based on 155 (1 m x 1 m) plots, and their status for the weed category. The nomenclatures follow BACKER and BAKHUISEN VAN DEN BRINK Jr. (1963-1968).

Family and Species	Frequency (%)	Remarks
I. Acanthaceae :		
1. <i>Ruellia tuberosa</i>	5.16	+
2. <i>Andrographis paniculata</i>	1.29	-
II. Agavaceae:		
3. <i>Cordelyne fruticosa</i>	0.29	-
III. Amaryllidaceae		
4. <i>Crinum asiaticum</i>	1.94	-
IV. Anacardiaceae		
5. <i>Lanea grandis</i>	0.29	tree seedling (*)
V. Apocynaceae		
6. <i>Urceola</i> sp.	1.29	-
VI. Casuarinaceae		
7. <i>Casuarina equisetifolia</i>	2.58	strand flora, tree seedling (*)
VII. Compositae		
8. <i>Bidens pilosa</i>	1.94	-
9. <i>Cosmos</i> sp.	1.29	-
10. <i>Eupatorium odoratum</i>	1.94	++++
11. <i>Gynura procumbens</i>	0.65	-
12. <i>Tridax procumbens</i>	28.39	+++ , strand flora
13. <i>Wedelia biflora</i>	12.90	-, strand flora
VIII. Convolvulaceae		
14. <i>Ipomoea littoralis</i>	5.16	-
15. <i>Ipomoea pes-caprae</i>	8.39	+, strand flora
IX. Cyperaceae		
16. <i>Carex</i> sp.	0.65	-
17. <i>Cyperus javanicus</i>	41.29	-, strand flora
X. Dioscoreaceae		
18. <i>Dioscorea</i> sp.	0.29	-
XI. Euphorbiaceae		
19. <i>Breynia laevigata</i>	0.65	-
20. <i>Croton</i> sp.	2.58	-
21. <i>Euphorbia atoto</i>	3.23	-, strand flora with the help of man

22. <i>Euphorbia hirta</i>	0.65	- , strand flora with the help of man
23. <i>Phyllanthus</i> sp.	7.10	++ , strand flora with the help of man
24. <i>Phyllanthus niruri</i>	8.39	+++ , strand flora with the help of man
25. <i>Phyllanthus virgatus</i>	18.71	++ , strand flora with the help of man
XII. Goodeniaceae		
26. <i>Scaevola taccada</i>	1.29	shrub seedling (*)
XIII. Guttiferae		
27. <i>Calophyllum inophyllum</i>	1.29	strand flora, tree seedling (*)
28. <i>Cratoxylum formosum</i>	0.65	tree seedling (*)
XIV. Lauraceae		
29. <i>Cassytha filiformis</i>	5.16	-
XV. Leguminosae		
30. <i>Canavalia maritima</i>	5.16	- , strand flora
31. <i>Crotalaria juncea</i>	0.65	-
32. <i>Desmodium umbellatum</i>	2.58	small tree seedling (*)
33. <i>Dolichos lablab</i>	0.65	+
34. <i>Erythrina orientalis</i>	0.65	tree seedling (*)
35. <i>Leucaena leucocephala</i>	1.29	tree seedling (*)
36. <i>Pongamia pinnata</i>	9.03	tree seedling (*)
XVI. Loganiaceae		
37. <i>Spigelia anthelmia</i>	8.39	-
XVII. Malvaceae		
38. <i>Hibiscus tiliaceus</i>	0.65	tree seedling (*)
39. <i>Thespesia populnea</i>	0.65	tree seedling (*)
XVIII. Myrtaceae		
40. <i>Eugenia laxiflora</i>	1.29	strand flora with the help of man, tree seedling (*)
41. <i>Psidium guajava</i>	0.65	strand flora with the help of man, tree seedling (*)
XIX. Orchidaceae		
42. <i>Calanthe zollingeri</i>	1.94	-
XX. Passifloraceae		
43. <i>Passiflora foetida</i>	7.10	+++
XXI. Pandanaceae		
44. <i>Pandanus tectorius</i>	0.29	strand flora with the help of man, tree seedling (*)
XXII. Poaceae		
45. <i>Imperata cylindrica</i>	52.90	++++ , strand flora
46. <i>Ischaemum muticum</i>	77.42	- , strand flora
47. <i>Panicum repens</i>	0.65	++++
48. <i>Paspalum commersonii</i>	1.29	+++
49. <i>Sporobolus diander</i>	0.65	+
50. <i>Spinifex littoreus</i>	7.10	strand flora, (*)
XXIII. Rubiaceae		
51. <i>Borreria</i> sp.	7.74	+++
52. <i>Ixora</i> sp.	0.65	shrub seedling (*)
XXIV. Rutaceae		
53. <i>Citrus</i> sp.	0.65	small tree seedling (*)
54. <i>Triphasia trifolia</i>	0.65	shrub seedling (*)
XXV. Solanaceae		
55. <i>Physalis minima</i>	1.94	-
XXVI. Verbenaceae		
56. <i>Lantana camara</i>	2.58	++++ , strand flora
57. <i>Premna obtusifolia</i>	9.68	strand flora, tree seedling (*)
58. <i>Stachytarpheta jamaicensis</i>	1.29	-

Key to table : [++++] For the troublesome weed, principal weed, [+++] For the common weed, [++] For the flora (the species known to be present in the flora of the country, but confirming evidence is needed that the plant behaves as a weed), [-] Provided by a weed scientist of Indonesia, mean that a weed scientist has given such a ranking for the species in some crops in some area of Indonesia, It does not mean that a total evaluation of very weed species for every crops has been completed on a countrywide scale. It is our experiences that when the worker speaks of principal weeds her or she is usually referring to about the five most troublesome species for the crops. A common weed refers to one that is very widespread in many of his crops or regions of the country, requiring constant effort and expense to hold at bay but never seriously threatening a crop. [-] Species present in the agricultural land but not yet recorded as a weed. (\*) Species excluded in weed category.



Table 4. Species composition of beaches vegetation of Pari Island.

Number of Site	1 (April 1984)	2 (January 1985)	3 (August 1985)	4 (April 1987)
Community type	<i>Ipomoea pes-caprae</i> - <i>Canavalia maritima</i>	<i>Ischaemum muticum</i> - <i>Imperata cylindrica</i>	<i>Sesuvium</i> - <i>Euphorbia</i> - <i>Canavalia</i>	<i>Canavalia</i> - <i>pes-</i> <i>caprae</i> - <i>Spinifex</i>
Number of releve	6	6	6	6
Height (m), Cover of herb layer (%)	0.40/47.50	0.90/26.50	0.40/48.50	0.50/50.00
Number of species/releve	8-13	10-18	5-12	7-11
Quadrat size (1 m x 1 m)	300	300	300	300
Species				
1. <i>Borreria</i> sp.	-	6.10	-	-
2. <i>Cymbopogon citratus</i>	-	1.95	-	-
3. <i>Canavalia maritima</i>	12.30	-	10.50	28.15
4. <i>C. ensiformis</i>	11.75	-	7.90	5.25
5. <i>Carex</i> sp.	7.50	-	-	1.50
6. <i>Caesalpinia crista</i>	6.75	-	-	-
7. <i>Croton</i> sp.	-	-	-	6.25
8. <i>Cosmos</i> sp.	-	-	3.15	-
9. <i>Clitoria ternatea</i>	-	-	3.35	-
10. <i>Cassia</i> sp.	-	-	7.00	-
11. <i>Crotalaria juncea</i>	-	-	5.25	-
12. <i>Cyperus javanicus</i>	-	10.25	-	-
13. <i>C. iria</i>	-	4.45	-	-
14. <i>Derris scandens</i>	7.15	-	5.00	-
15. <i>Dioscorea</i> sp.	-	-	-	1.50
16. <i>Euphorbia atoto</i>	8.40	-	10.45	5.30
17. <i>E. hirta</i>	-	-	5.25	6.60
18. <i>E. prostate</i>	-	-	7.15	-
19. <i>Fimbristylis cymosa</i>	4.65	5.05	-	-
20. <i>Ipomoea pes-caprae</i>	12.40	5.50	-	15.50
21. <i>I. littoralis</i>	7.45	-	-	-
22. <i>I. macrantha</i>	6.00	-	-	-
23. <i>I. trichosperma</i>	5.35	-	-	-
24. <i>Ischaemum muticum</i>	-	17.90	-	4.50
25. <i>Imperata cylindrica</i>	-	12.60	-	-
26. <i>Mikania micrantha</i>	-	-	3.85	-
27. <i>Mimosa invisa</i>	-	-	-	6.00
28. <i>M. pudica</i>	-	-	-	3.50
29. <i>Merremia umbellata</i>	-	-	-	5.95
30. <i>Panicum repens</i>	-	10.65	-	-
31. <i>Paspalum commersonii</i>	-	5.80	-	-
32. <i>Passiflora foetida</i>	-	3.70	-	-
33. <i>Phyllanthus</i> sp.	-	3.10	-	-
34. <i>P. niruri</i>	-	4.70	-	-
35. <i>P. virgatus</i>	-	2.00	-	-
36. <i>Sida acuta</i>	-	-	2.50	-
37. <i>Setaria plicata</i>	-	-	4.85	-
38. <i>Sesuvium portulacastrum</i>	13.10	-	13.75	4.00
39. <i>Spigelia altermia</i>	-	5.00	-	-
40. <i>Spinifex littoreus</i>	12.75	28.90	-	12.90
41. <i>Sporobolus jevensis</i>	3.50	4.75	-	-
42. <i>Tacca leontopetaloides</i>	-	3.60	-	-
43. <i>Thuarea involuta</i>	-	-	7.10	-
44. <i>Tridax procumbens</i>	-	5.80	2.50	-
45. <i>Vigna marina</i>	10.00	-	-	6.10
46. <i>Wedelia biflora</i>	-	12.40	-	-

Table 5. Species composition of *Barringtonia* formation in Pari Island in June 1986.

No. of releve	1	2	3	4	5	6	7
Height (m), Cover of Sapling Layer (%)	6/60	5/50	7.5/60	4.5/50	5.5/60	8.5/80	6/80
Height (m), Cover of Herb Layer (%)	0.5/10	1/30	2/30	2.5/30	1.8/20	2/40	2/30
No. Species	7	9	11	5	8	14	9
Quadrant Size (1 m x 1m)	400	400	400	400	400	600	400
<b>Species</b>							
<i>Calophyllum inophyllum</i>	8.9	-	4.6	-	-	7.9	2.8
<i>Barringtonia asiatica</i>	-	2.4	4.8	-	1.8	5.8	-
<i>Morinda citrifolia</i>	4.6	-	3.8	-	4.5	4.8	3.2
<i>Cordia subcordata</i>	7.2	-	2.9	-	-	6.5	-
<i>Premna obtusifolia</i>	-	2.8	-	-	6.8	-	-
<i>Pongamia pinnata</i>	-	4.6	-	3.8	-	-	-
<i>Pluchea indica</i>	2.5	-	-	3.5	-	4.5	1.5
<i>Scaevola taccada</i>	3.7	-	2.4	-	-	-	2.0
<i>Hibiscus tiliaceus</i>	-	3.8	-	-	-	-	-
<i>Desmodium umbellatum</i>	-	3.5	4.5	-	-	3.6	-
<i>Thespesia populnea</i>	-	4.1	-	-	3.8	3.8	-
<i>Pandanus tectorius</i>	-	-	5.2	-	5.5	4.5	-
<i>Guettarda speciosa</i>	-	-	5.1	-	4.5	-	-
<i>Tacca leontopetaloides</i>	1.2	-	1.5	-	-	-	1.2
<i>Imperata cylindrica</i>	2.5	1.5	-	2.5	-	2.5	1.5
<i>Ischaemum muticum</i>	-	3.5	-	2.5	-	2.0	1.5
<i>Paspalum vaginatum</i>	-	2.5	-	2.5	-	1.5	1.5
<i>Cyperus javensis</i>	-	-	2.5	-	-	2.0	1.5
<i>Sesuvium portulacastrum</i>	-	-	1.5	-	1.5	2.0	-
<i>Fimbristylis polytrichoides</i>	-	-	-	-	3.5	2.0	-

Table 6. Mangrove species present in the Pari Island during the survey 1984-1987 and their life-form status.

Species	Life form	Diameter (cm) (measured for 5 biggest tree per plot)					MDH (m)
		1	2	3	4	5	
<i>Acantuhus ilicifolius</i>	H	-	-	-	-	-	1
<i>Avicennia alba</i>	S	1.2	1.1	1.4	1.8	1.5	1.5
<i>A. marina</i>	S	0.5	0.9	1.5	1.3	1.4	1.6
<i>A. officinalis</i>	S	1.4	0.5	1.6	1.6	1.8	1.2
<i>Aegiceras corniculatum</i>	S	0.9	0.5	0.4	0.6	1.4	1.3
<i>Bruguiera gymnorrhiza</i>	S	0.5	1.5	0.5	0.6	0.6	1.6
<i>B. parviflora</i>	S	0.5	1.1	0.6	0.6	0.8	0.8
<i>Derris trifolia</i>	Cl	-	-	-	-	-	0.5
<i>Heritiera littoralis</i>	S	0.6	0.4	0.5	0.6	0.8	0.7
<i>Lumnitzera racemosa</i>	S	0.6	0.5	0.6	0.9	0.7	1.7
<i>Nypa fruticans</i>	P	-	-	-	-	-	1.8
<i>Pemphis acidula</i>	Sp	2.8	7.5	6.4	7.1	6.4	6.8
<i>Rhizophora apiculata</i>	Sp	0.7	0.5	0.6	1.5	1.1	5.7
<i>R. stylosa</i>	Sp	9.5	8.5	7.5	8.2	4.9	9.0
<i>Xylocarpus molucensis</i>	S	0.5	0.7	0.6	1.2	1.4	1.2
<i>Wedelia biflora</i>	H	-	-	-	-	-	0.4
<i>Sonneratia alba</i>	S	1.6	0.9	0.6	1.6	0.8	0.9

Key to table= Cl: climber, Sp: Sapling (tree with diameter 2-9.9 cm), S: seedling (diameter less than 2 cm, high less than 2 m), H: herb, P: palm. For the sapling: diameter measured at DBH. For the seedling: diameter measured at the ground (Do). MDH = Mean Dominant Height = measured of 5 tallest trees per plot.

Table 7. Main habitats of common island mangroves in the Kepulauan Seribu district of the Jakarta Bay.

Genus	Habitat
<i>Avicennia</i>	Exposed low-intertidal shingle or rampart rock
<i>Bruguiera</i>	Protected lee or central swamps, below Ceriops
<i>Ceriops</i>	Swamp edges, at immediate lee of shingle ridges
<i>Exoecaria</i>	Protected high intertidal or low-supratidal sand or shingle sand adjacent to swamps
<i>Lumnitzera</i>	High-intertidal or low-supratidal muddy shingle adjacent to swamps
<i>Rhizophora</i>	Main central genus of closed swamps: lee (lagoon) edge of protected mangroves in muddy behind ramparts (below <i>Ceriops</i> and <i>Bruguiera</i> )
<i>Xylocarpus</i>	Raised dry central swamps

Table 8. Composition of mangrove communities in Pari Island in April 1987.

No. of Releve	1	2	3	4	5	6	7	8
Quadrat size (m <sup>2</sup> )	400	200	300	300	400	300	200	300
Height (m), cover of sapling layer (%)	9/90	7/85	9/80	10/80	7/90	5/70	6/80	6/80
Height (m), cover of herb layer (%)	1/15	1/15	1/10	1/20	1/20	1/15	1/30	1/20
No. of species	4	2	5	6	6	5	3	3
Differential species of community								
<i>Rhizophora stylosa</i>	5.4	6.5	8.7	9.2	5.8	4.5	5.5	5.8
<i>R. apiculata</i>	2.5	-	-	-	-	-	-	-
<i>Pemphis acidula</i>	5.2	-	5.2	1.5	4.6	-	-	5.2
<i>Avicennia alba</i>	-	-	-	-	-	0.5	-	-
<i>A. marina</i>	-	-	-	-	-	0.5	-	-
<i>A. officinalis</i>	-	1.5	-	-	-	-	-	-
<i>Aegiceras corniculatum</i>	-	-	-	-	-	0.5	-	-
<i>Lumnitzera racemosa</i>	-	-	-	-	1.5	-	-	-
<i>Bruguiera gymnorrhiza</i>	-	-	-	-	-	0.5	-	-
<i>B. parviflora</i>	-	-	1.0	-	-	-	-	-
<i>Heritiera littoralis</i>	-	-	1.2	-	-	-	-	-
<i>Acanthus ilicifolius</i>	0.5	-	1.5	1.2	-	-	0.5	-
<i>Derris trifoliata</i>	-	-	-	0.5	-	-	-	-
<i>Wedelia biflora</i>	-	-	-	0.5	0.5	-	0.5	-
<i>Nypa fruticans</i>	-	-	-	0.5	-	-	-	-
<i>Sonneratia alba</i>	-	-	-	-	-	-	-	-
<i>Xylocarpus moluccensis</i>	-	-	-	-	-	-	-	0.5

Table 9. Soils (average + SD) and surface salinities (average + SD) in various environments in Pari Island.

Community Type	Sand (%)	Silt (%)	Clay (%)	Salinity (‰)
1. <i>Ipomoea pes - caprae - Canavalia maritima</i>	81.40 (5.60)	12.90 (5.60)	5.70 (0.50)	30.95 (1.75)
2. <i>Canavalia - pes - caprae - Spinifex</i>	82.90 (2.80)	9.90 (2.85)	7.20 (0.55)	31.25 (1.50)
3. <i>Ischaemum muticum - Imperata cylindrica</i>	80.70 (2.85)	12.90 (2.50)	6.40 (0.75)	30.50 (2.15)
4. <i>Sesuvium - Euphorbia - Canavalia</i>	81.50 (4.50)	11.20 (4.80)	7.30 (0.60)	30.80 (2.25)
5. <i>Casuarina formation</i>	85.15 (2.50)	8.25 (1.50)	6.60 (0.50)	31.50 (0.50)
6. <i>Barringtonia formation</i>	85.75 (1.50)	8.75 (1.25)	5.50 (0.75)	32.75 (0.75)
7. <i>Coconut stands</i>	80.10 (1.50)	12.50 (1.70)	7.40 (1.40)	30.20 (0.30)
8. <i>Mangrove assemblage</i>	83.90 (2.80)	10.90 (2.80)	5.20 (0.50)	33.50 (0.75)

Table 10. Mangrove species recorded from Pari Island and other islands of the Kepulauan Seribu district during the survey 1984 - 1987.

Family/Species	Pari	Rambut	Dua	Bokor	Lancang	Tidung
COMBRETACEAE						
1. <i>Lumnitzera littorea</i> (Jack.)Voigt	-	+	+	-	+	-
2. <i>L. racemosa</i> Willd	+	+	+	-	-	-
EUPHORBIACEAE						
1. <i>Excoecaria agallocha</i> L.	+	+	+	-	-	+
LYTHRACEAE						
1. <i>Pemphis acidula</i> J.R.&G. Forst.	+	+	+	-	+	-
MELIACEAE						
1. <i>Xylocarpus granatum</i> Koen	-	+	-	-	+	-
2. <i>X. moluccensis</i> (Lam) Roem.	+	+	-	-	+	-
MYRSINACEAE						
1. <i>Aegiceras corniculatum</i> (L.) Blanco.	+	+	+	+	+	-
ARECACEAE (PALMAE)						
1. <i>Nypa fruticans</i> Wurmbr.	+	-	-	-	-	-
RHIZOPHORACEAE						
1. <i>Bruguiera cylindrica</i> Bl.	-	+	+	-	-	-
2. <i>B. gymnorrhiza</i> (L.) Lamk.	+	+	+	+	+	-
3. <i>B. parviflora</i> (Roxb) White & Arn, ex Griff	+	+	-	-	-	-
4. <i>Ceriops decandra</i> (Griff) Ding Hou	-	+	-	+	+	-
5. <i>C. tagal</i> (Perr) C. B. Robins	-	+	-	-	+	-
6. <i>Rhizophora apiculata</i> Bl.	+	+	+	-	+	-
7. <i>R. mucronata</i> Lamk	-	+	+	-	+	-
8. <i>R. stylosa</i> Griff	+	+	+	+	+	+
SONNERATIACEAE						
1. <i>Sonneratia alba</i> J. E. Smith	+	+	-	-	+	-
2. <i>S. caseolaris</i> (L.) Engl.	-	+	-	-	-	-
3. <i>S. ovata</i> Back.	-	-	+	-	-	-
AVICENNIACEAE/VERBENACEAE						
1. <i>Avicennia alba</i> Bl.	+	+	-	-	-	-
2. <i>A. marina</i> (Forsk.) Vierh	+	+	+	-	+	-
3. <i>A. officinalis</i> L.	+	+	-	-	-	-
ACANTHACEAE						
1. <i>Acanthus ilicifolius</i> L.	+	+	+	-	+	-
POLYPODIACEAE (FERN)						
1. <i>Acrostichum aureum</i> L.	-	+	-	-	+	-
ASTERACEAE (COMPOSITAE)						
1. <i>Wedelia biflora</i> (L.) DC. (*)	+	+	+	+	+	+
FABACEAE (LEGUMINOSAE)						
1. <i>Derris trifoliata</i> Lour.	+	+	+	+	+	+
STERCULIACEAE						
1. <i>Heritiera littoralis</i> (Dryand) Ait.	+	+	+	+	+	+

Key to table: [+] = present with specimen, [-] = absence, (\*) = marginal species

