

## Priority species for the APFORGEN programme

This page contains two different sets of lists; the first list (Table 1) includes priority species identified by the Southeast Asian Moving workshop in 2001, upgraded for South Asia and China through an IPGRI-APAFRI consultation process in 2002.

Tables 2a and 2b provide unofficial subregional priority species lists developed during the APFORGEN Inception workshop in 2003 to serve as a starting point for developing regional FGR conservation efforts.

In addition, individual countries and national institutions have developed different lists of priority species for various purposes. Please refer to the APFORGEN Inception Workshop Proceedings for different national priority species lists (for South Asia and China) and Thailand SE Asian Moving Workshop proceedings (for Southeast Asia only). These lists provide also valuable information about the status of conservation and utilization of priority species. The format and data needs for these priority species lists have been developed by FAO. It has to be noted, however, that the selection criteria for "priority" species may slightly differ between different countries/institutions.

In addition to the list provided here, many national and regional workshops have created priority species lists for various purposes. Some of them have been used as a basis for the lists in Table 1.

**Table 1. APFORGEN PRIORITY SPECIES**

The first set is based on the priority species identified by the SE Asian workshop in 2001 and the second set includes *additional priority species* suggested mainly by South Asian countries and China during the IPGRI-APAFRI consultation process in 2002.

	B G D	I N D	NEP		P A K	S R L	C A M	I N S	L A O	M A L	P H I	THAI		V I E	CHN	
	F R I	I C F R E	D F R S	T I S C	P F I	F D	D F W	I F S P	N A F R I	F R I M	U P L B	R F D	K U	F S I V	R I F	R I T F
<i>Afzelia xylocarpa</i>							X		X				X	X		
<i>Agathis borneensis</i>										X						X
<i>Albizia lebek</i>		X		X	X	X	X						X			
<i>Albizia procera</i>	X	X		X	X								X			
<i>Alstonia scholaris</i>								X					X			X
<i>Anisoptera costata</i>									X				X	X		
<i>Aquilaria crassna</i>							X		X				X	X		
<i>Artocarpus heterophyllus</i>	X	X		X							X		X			
<i>Avicennia alba</i>					X								X			
<i>Azadirachta excelsa</i>										X		X	X			
<i>Azadirachta indica</i>		X	X	X	X	X						X	X			
<i>Calamus manan</i> (rattan)										X			X			X
<i>Cassia siamea</i>	X			X									X			X
<i>Casuarina equisetifolia</i>	X	X		X	X							X	X			
<i>Chukrasia tabularis</i>	X					X				X			X	X		
<i>Dalbergia bariensis</i>		X					X							X		





Component; Pakistan: FRI= Forest Research Institute; Sri Lanka: FD=Forest Department; Cambodia: DFW=Department of Forestry and Wildlife; Indonesia: RDCBFTI=Research and Development Centre for Biotechnology and Forest Tree Improvement; Lao PDR: FCR=Forest Research Centre; Malaysia: FRIM=Forest Research Institute Malaysia; Philippines: CFNR=College of Forestry and Natural Resources; Thailand: RFD=Royal Forest Department, KU=Kasetsart University; Vietnam: FSIV=Forest Science Institute of Vietnam; China: RIF=Research Institute of Forestry, RITF= Research Institute of Tropical Forestry.

## Table 2. Subregional priority species

During the APFORGEN Inception workshop, subregional priority species lists (for South Asia and Southeast Asia respectively) were drafted mainly to serve as a guideline for developing joint regional activities.

### Table 2 a) Priority species for Southeast Asia

Species	CAM	INS	LAO	MAL	PHI	THAI	VIE	Total
	DFW	CFBTI	NAFRI	FRIM	UPLB	RFD	FSIV	
Rattan	X	X	X	X	X	X	X	7
<i>Pinus merkusii</i>	X	X	X		X	X	X	6
Bamboo	X	X	X		X	X	X	6
<i>Hopea odorata</i>	X		X	X		X	X	5
<i>Pinus kesiya</i>	X		X		X	X	X	5
<i>Tectona grandis</i>		X	X	X		X	X	5
<i>Acacia crassicaarpa</i>		X	X		X	X	X	5
<i>Azalia xylocarpa</i>	X		X			X	X	4
<i>Aquilaria crassna</i>	X		X			X	X	4
<i>Chukrasia tabularis</i>			X	X		X	X	4
<i>Dalbergia cochinchinensis</i>	X		X			X	X	4
<i>Dipterocarpus alatus</i>	X		X			X	X	4
<i>Fagraea fragrans</i>	X		X	X		X		4
<i>Hopea ferrea</i>	X		X			X	X	4
<i>Pterocarpus macrocarpus</i>	X		X			X	X	4
<i>Shorea roxburghii</i> / <i>S. cochinchinensis</i>	X			X		X	X	4
<i>Tarrietia javanica</i>	X	X	X				X	4
<i>Xylia xylocarpa/dolabriformis</i>	X		X			X	X	4
<i>Gmelina arborea</i>		X	X	X	X			4
<i>Acacia mangium</i>		X	X			X	X	4
<i>Acacia auriculiformis</i>		X		X	X		X	4
<i>Eucalyptus</i> spp.		X	X			X	X	4
<i>Alstonia scholaris</i>		X	X			X		3
<i>Anisoptera costata</i>	X		X				X	3
<i>Casuarina equisetifolia</i>					X	X	X	3
<i>Melaleuca cajuputi</i>		X		X			X	3
<i>Pterocarpus indicus</i>			X	X	X			3
<i>Rhizophora</i> spp.					X	X	X	3
<i>Albizia lebbek</i>	X		X					2
<i>Artocarpus heterophyllus</i>		X			X			2
<i>Azadirachta excelsa</i>				X		X		2

<i>Azadirachta indica</i>			X			X		2
<i>Dalbergia bariensis/ oliveri</i>	X						X	2
<i>Dipterocarpus grandiflorus</i>			X		X			2
<i>Dipterocarpus tuberculatus</i>			X			X		2
<i>Eusideroxylon zwageri</i>		X		X				2
<i>Gonystylus bancanus</i>		X		X				2
<i>Intsia palembanica</i>				X		X		2
<i>Metroxylon sagu</i>				X	X			2
<i>Parashorea stellata</i>			X			X		2
<i>Parkia speciosa</i>			X	X				2
<i>Shorea leprosula</i>		X		X				2
<i>Shorea macrophylla</i>		X		X				2
<i>Shorea ovalis</i>		X		X				2
<i>Shorea parvifolia</i>		X		X				2
<i>Toona sureni</i>			X				X	2
<i>Cunninghamia lanceolata</i>			X				X	2
<i>Diospyros mun</i>			X				X	2
<i>Dysoxylum loureiri</i>	X		X					2
<i>Erythrophleum fordii</i>			X				X	2
<i>Fokienia hodginsii</i>			X				X	2
<i>Toona ciliata</i>			X			X		2

## 2 b) Common priority species for South Asia

### Species suitable for tree improvement and multiplication:

- *Albizia lebeck*
- *Albizia procera*
- *Artocarpus heterophyllus*
- *Azadirachta indica*
- *Cassia siamea*
- *Casuarina equisetifolia*
- *Chukrasia tabularis*
- *Hopea odorata*
- *Lagerstroemia ovalifolia*
- *Lagerstroemia speciosa*
- *Pterocarpus indicus*
- *Pterocarpus macrocarpus*
- *Rhizophora spp.*
- *Schima wallichii*
- *Tectona grandis*
- *Terminalia chebula*
- *Acacia nilotica*
- *Dalbergia latifolia*
- *Dalbergia sissoo*
- *Pterocarpus marsupium*
- *Shorea robusta*
- *Cedrus deodara*
- *Pinus wallichiana* subsp. *karakorma*
- *Adina cordifolia*

- *Bassia latifolia*
- *Schleichera oleosa*
- *Albizia odoratissima*

**Species with conservation priority:**

- *Acer caesium*
- *Artocarpus* sp.
- *Gmelina arborea*
- *Rhododendron* sp.
- *Taxus baccata*
- *Alnus nitida*
- *Celtis eriocarpa*
- *Fraxinus xanthoxyloides*
- *Grewia asiatica*
- *Prunus padus*
- *Saussurea lappa*
- *Ziziphus nummularia*
- *Diospyros ebenum*
- *Chloroxylon swietenia*
- *Acacia catechu*
- *Bombax ceiba*