



ANNEXURE 2

LIST OF NATIVE PLANT SPECIES

Eco-housing Assessment Criteria - Version II

August 2009

Implemented under Eco-housing Mainstreaming Partnership by IIEC with funding support from USAID

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1 LIST OF NATIVE SPECIES IN DIFFERENT GEOGRAPHIC AND CLIMATIC REGIONS OF INDIA¹

1.1 Central Highlands and Deccan Plateau

The Central Highlands comprise of three main plateaus — the Malwa Plateau in the west, the Deccan Plateau in the south (covering most of the Indian peninsula) and the Chota Nagpur Plateau in the east.

Agro-climatic zone	Central Highlands (1)	Central Highlands (2)
Soil type	Red and black soils	Medium to dark black soils
Climatic condition	Sub-humid	Semi-arid
Shrubs with fragrant flowers	Lawsonia alba	Tabernaemontana coronaria
	Nyctanthes arbortristis	Lawsonia alba
	Thevetia neriifolia	Nyctanthes arbortristis
		Mimusops elengi
		Murraya exotica
		Cestrum nocturnum
		Thevetia neriifolia
Ornamental and flowering trees	Cochlospermum gossypium	
	Terminalia arjuna	Cochlospermum gossypium
	Lagerstroemia flosreginae	Terminalia arjuna
	L. thorellii	Lagerstroemia flosreginae
	Peltophorum inerme	L. thorellii
	Butea frondosa	Peltophorum inerme
	Bauhinia purpurea	Butea frondosa
	B. tomentosa	Bauhinia purpurea
	Browne coccinia	B. tomentosa
	Cassia fistula	B. variegata
	Pongamia glabra	B. acuminate
	Kydia calycina	Browne coccinia
	Ficus bengalensis	Cassia fistula
	Moringa oleifera	Pongamia glabra
	Madhuka latifolia	Kydia calycina
	Mangifera indica	Ficus bengalensis

1. Sourced from -Eco-Housing Training Manual: For Enablers, The Energy and Resources Institute, New Delhi, T E R I. 2007, Project Report No.2007BS07 and with inputs from Ketaki Ghate and Manasi Karandikar of OIKOS, www.oikos.in

Agro-climatic zone	Central Highlands (1)	Central Highlands (2)
	Bamboo sps	Moringa oleifera Madhuka latifolia Mangifera indica Bamboo sps

Deccan Plateau

Agro-climatic zone	Deccan Plateau (3)	Deccan Plateau (4)	Deccan Plateau (5)
Soil type	Red and black soils	Black soils	Red and black soils
Climatic condition	Arid	Semi-arid	Semi arid
Shrubs with fragrant flowers	Tabernaemontana coronaria Nyctanthes arbortristis Murraya exotica	Tabernaemontana coronaria Lawsonia alba Lam Hiptage madablota Nyctanthes arbortristis G.lucida G. latifolia Ixora parviflora Gardenia resinifera Anthocephalus cadamba Mimusops elengi Murraya exotica Cestrum nocturnum Thevetia neriifolia	Tabernaemontana coronaria Hiptage madablota Nyctanthes arbortristis G.lucida G. latifolia Ixora parviflora Gardenia resinifera Anthocephalus cadamba Mimusops elengi Murraya exotica Cestrum nocturnum Thevetia neriifolia
Ornamental and flowering trees	Terminalia arjuna Lagerstroemia flosreginae L. thorellii Bauhinia purpurea B. tomentosa	Plumeria acutifolia P. rubra P. alba Cochlospermum gossypium Cordia sebestena Terminalia arjuna Crataeva religiosa Lagerstroemia	Plumeria acutifolia P. rubra P. alba Cochlospermum gossypium Cordia sebestena Terminalia arjuna Crataeva religiosa Lagerstroemia

Agro-climatic zone	Deccan Plateau (3)	Deccan Plateau (4)	Deccan Plateau (5)
Soil type	Red and black soils	Black soils	Red and black soils
Climatic condition	Arid	Semi-arid	Semi arid
		flosreginae	flosreginae
	Pongamia glabra	L. thorellii	L. thorellii
	Mangifera indica	Enterolobium saman	Enterolobium saman
	Bamboo sps	Peltophorum inerme	Peltophorum inerme
		Butea frondosa	Butea frondosa
		Bauhinia purpurea	Bauhinia purpurea
		B. tomentosa	B. tomentosa
		B. variegata	Browne coccinia
		Browne coccinia	
		Cassia fistula	Cassia fistula
		Enterolobium saman	Enterolobium saman
		Saraca indica	Saraca indica
		Pongamia glabra	Pongamia glabra
		Pterocarpus indicus	Pterocarpus indicus
		Kydia calycina	Kydia calycina
		Thespesia populnea	Thespesia populnea
		Ficus bengalensis	Ficus bengalensis
		Moringa oleifera	Moringa oleifera
		Madhuka latifolia	Madhuka latifolia
		Guaiacum officinale	Sterculia foetida
		Terminalia catappa	Guaiacum officinale
		Mangifera indica	Mangifera indica
		Bamboo sps	Bamboo sps
Trees with ornamental foliage	Tamarindus indica	Polyalthia longifolia	Polyalthia longifolia
	Azadirachta indica	Putranjiva roxburghii	Putranjiva roxburghii
		Tamarindus indica	Tamarindus indica
		Azadirachta indica	Azadirachta indica
		Moringa plerygosperma	Moringa plerygosperma
		Callistemon lanceolatus	Callistemon lanceolatus

Agro-climatic zone	Deccan Plateau (3)	Deccan Plateau (4)	Deccan Plateau (5)
Soil type	Red and black soils	Black soils	Red and black soils
Climatic condition	Arid	Semi-arid	Semi arid
Shade trees	Tamarindus indica	Tamarindus indica	Azadirachta indica
	Azadirachta indica	Azadirachta indica	Azadirachta indica
		Mangifera indica	Mangifera indica

1.2 Eastern Plains

Agro-climatic zone	Eastern coastal plain (6)	Eastern Plain (8)	Eastern Plain (9)
Soil type	Alluvium	Alluvium derived soils	Red and yellow soils
Climatic condition	Sub-humid	Subhumid	Perhumid-subhumid
Shrubs with fragrant flowers	Artabotrysodoratissimus		Artabotrysodoratissimus
	Hiptage madablota		
	Ixora parviflora		Michelia champaca
	Gardenia resinifera		Ixora parviflora
			Anthocephalus cadamba
Ornamental and flowering trees	Plumeria acutifolia	Dillenia indica	Plumeria acutifolia
	P. rubra		P. rubra
	P. alba		P. alba
	Dillenia indica		Dillenia indica
	Lagerstroemia flosreginae		Lagerstroemia flosreginae
	L. thorellii		L. thorellii
	Amherstia nobilis		Amherstia nobilis
	Enterolobium saman		Enterolobium saman
	Cassia fistula		Butea frondosa
	Enterolobium saman		Cassia fistula
	Saraca indica		Enterolobium saman
	Pterocarpus indicus		Saraca indica

Agro-climatic zone	Eastern coastal plain (6)	Eastern Plain (8)	Eastern Plain (9)
Soil type	Alluvium	Alluvium derived soils	Red and yellow soils
Climatic condition	Sub-humid	Subhumid	Perhumid-subhumid
	Thespesia populnea		Pongamia glabra Kydia calycina Chorisia speciosa Thespesia populnea Ficus bengalensis Moringa oleifera Madhuka latifolia Sterculia foetida Mesua ferra Bamboo sps
Trees with ornamental foliage	Polyalthia longifolia Putranjiva roxburghii	Sapium sebiferum	Polyalthia longifolia Putranjiva roxburghii Azadirachta indica Moringa pterygosperma
Shade trees			Azadirachta indica

1.3 Eastern Plateau

Agro-climatic zone	Eastern Ghats Tamil Nadu Uplands (7)	Eastern Plateau (10)	Eastern Plateau (11)
Soil type	Red loamy soils	Red and lateritic soils	Red and yellow soils

Climatic condition	Semi-arid	Sub-humid	Sub-humid
Shrubs with fragrant flowers	Tabernaemontana coronaria	Tabernaemontana coronaria	Tabernaemontana coronaria
	Hiptage madablota	G.lucida	Lawsonia alba Lam
	Nyctanthes arbortristis	G. latifolia	G.lucida
	G.lucida	Ixora parviflora	G. latifolia
	G. latifolia	Anthocephalus cadamba	Mimusops elengi
	Ixora parviflora	Mimusops elengi	Thevetia neriifolia
	Gardenia resinifera	Cestrum nocturnum	
	Anthocephalus cadamba		
	Mimusops elengi		
	Murraya exotica		
Cestrum nocturnum			
Ornamental and flowering trees	Plumeria acutifolia	Plumeria acutifolia	
	P. rubra	P. rubra	Cochlospermum gossypium
	P. alba	P. alba	Cordia sebestena
	Cochlospermum gossypium	Cochlospermum gossypium	Terminalia arjuna
	Terminalia arjuna	Cordia sebestena	Lagerstroemia flosreginae
	Crataeva religiosa	Terminalia arjuna	L. thorellii
	Dillenia indica	Crataeva religiosa	Butea frondosa
	Lagerstroemia flosreginae	Dillenia indica	Bauhinia purpurea
	L. thorellii	Lagerstroemia flosreginae	B. tomentosa
	Enterolobium saman	L. thorellii	
	Butea frondosa	Amherstia nobilis	B. variegata
	Bauhinia purpurea	Enterolobium saman	B. acuminata
	B. tomentosa	Butea frondosa	Browne coccinia
	Browne coccinia	Bauhinia purpurea	Cassia fistula
	Cassia fistula	B. tomentosa	Saraca indica
	Enterolobium saman	B. variegata	Pongamia glabra
	Saraca indica	B. acuminata	Kydia calycina
	Pongamia glabra	Browne coccinia	Thespesia populnea
	Pterocarpus indicus	Cassia fistula	Ficus bengalensis

	Kydia calycina	Enterolobium saman	Moringa oleifera
	Thespesia populnea	Saraca indica	Madhuka latifolia
	Moringa oleifera	Pongamia glabra	
	Madhuka latifolia	Kydia calycina	
	Sterculia foetida	Chorisia speciosa	
	Guaiacum officinale	Thespesia populnea	
	Bamboo sps	Ficus bengalensis	
		Moringa oleifera	
		Madhuka latifolia	
		Sterculia foetida	
		Mangifera indica	
		Bamboo sps	
Trees with ornamental foliage	Polyalthia longifolia	Polyalthia longifolia	Polyalthia longifolia
	Putranjiva roxburghii	Putranjiva roxburghii	Putranjiva roxburghii
	Tamarindus indica	Tamarindus indica	Tamarindus indica
	Azadirachta indica	Azadirachta indica	Azadirachta indica
	Moringa plerygosperma	Moringa plerygosperma	
	Callistemon lanceolatus	Callistemon lanceolatus	Moringa plerygosperma
Shade trees	Tamarindus indica		
	Azadirachta indica	Tamarindus indica	Tamarindus indica

1.4 Northern Region and North Eastern Hills

	North Eastern Hills		
Agro-climatic zone	(12)	Northern Plain (13)	Northern Plain (14)
Soil type	Red and lateritic soils	Alluvium derived soils	Alluvium derived soils
Climatic condition	Perhumid	Semi-arid	Sub-humid
Shrubs with fragrant	Artabotrysodoratissi	Tabernaemontana	Tabernaemontana

Agro-climatic zone	North Eastern Hills (12)	Northern Plain (13)	Northern Plain (14)
Soil type	Red and lateritic soils	Alluvium derived soils	Alluvium derived soils
Climatic condition	Perhumid	Semi-arid	Sub-humid
flowers	mus	coronaria	coronaria
	Michelia champaca	Hiptage madablota	Lawsonia alba Lam
	Ixora parviflora	Nyctanthes arbortristis	G.lucida
		G.lucida	G. latifolia
		G. latifolia	Ixora parviflora
		Ixora parviflora	Anthocephalus cadamba
		Anthocephalus cadamba	Mimusops elengi
		Mimusops elengi	Murraya exotica
		Murraya exotica	Citrus aurantium
		Citrus aurantium	
		Cestrum nocturnum	
		Thevetia neriifolia	
Ornamental and flowering trees	Plumeria acutifolia	Plumeria acutifolia	
	P. rubra	P. rubra	S. nilotica
	P. alba	P. alba	Cochlospermum gossypium
	Dillenia indica	S. nilotica	Terminalia arjuna
	Lagerstroemia flosreginae		Crataeva religiosa
	L. thorellii		Lagerstroemia flosreginae
	Amherstia nobilis	Cochlospermum gossypium	L. thorellii
	Enterolobium saman	Cordia sebestena	Peltophorum inerme
	Cassia fistula	Terminalia arjuna	Cassia fistula
	Enterolobium saman	Crataeva religiosa	Pongamia pinnata

Agro-climatic zone	North Eastern Hills (12)	Northern Plain (13)	Northern Plain (14)
Soil type	Red and lateritic soils	Alluvium derived soils	Alluvium derived soils
Climatic condition	Perhumid	Semi-arid	Sub-humid
		Lagerstroemia flosreginae	Kydia calycina
	Saraca indica	L. thorellii	Chorisia speciosa
	Mesua ferra	Peltophorum inerme	Ficus bengalensis
	Bamboo sps	Butea frondosa	Moringa oleifera
	Anthocephalus cadamba	Bauhinia purpurea	Bamboo sps
	Saraca indica	B. tomentosa	
		B. triandra	
		Browne coccinia	
		Cassia fistula	
		Pongamia pinnata	
		Kydia calycina	
		Thespesia populnea	
		Ficus bengalensis	
		Moringa oleifera	
		Dalbergia sissoo	
		Bamboo sps	
Trees with ornamental foliage	Delonix regia	Polyalthia longifolia	Polyalthia longifolia
		Anogeissus pendula	Putranjiva roxburghii
		Putranjiva roxburghii	Tamarindus indica
		Tamarindus indica	Azadirachta indica
		Azadirachta indica	Moringa pterygosperma
			Callistemon lanceolatus