



Common wayside plants of Jambi Province (Sumatra, Indonesia)

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Photographs by Katja Rembold

Introduction



In context of the vegetation surveys carried out by EFForTS subproject B06, we documented common vascular plant species inside and near the core plots in Jambi Province (Fig. 1, for details see Rembold et al. 2017). The core plots cover four land-use systems: lowland rainforest, jungle rubber agroforest, rubber plantations, and oil palm plantations. With this booklet, we would like to share photographs of selected common or conspicuous species and their identifications as they might be useful for others. The color guide is divided into pteridophytes (lycophytes and ferns) and angiosperms and arranged alphabetically by families. The current version includes 94 plant species from 44 families and provides information about which species are native or alien to Indonesia. For more plant pictures, see the EFForTS Sumatra plant database that is currently under development (<http://134.76.19.22/sumatra/home>). Please be aware that species and family names are subject to changes due to identification updates or changes in plant taxonomy.

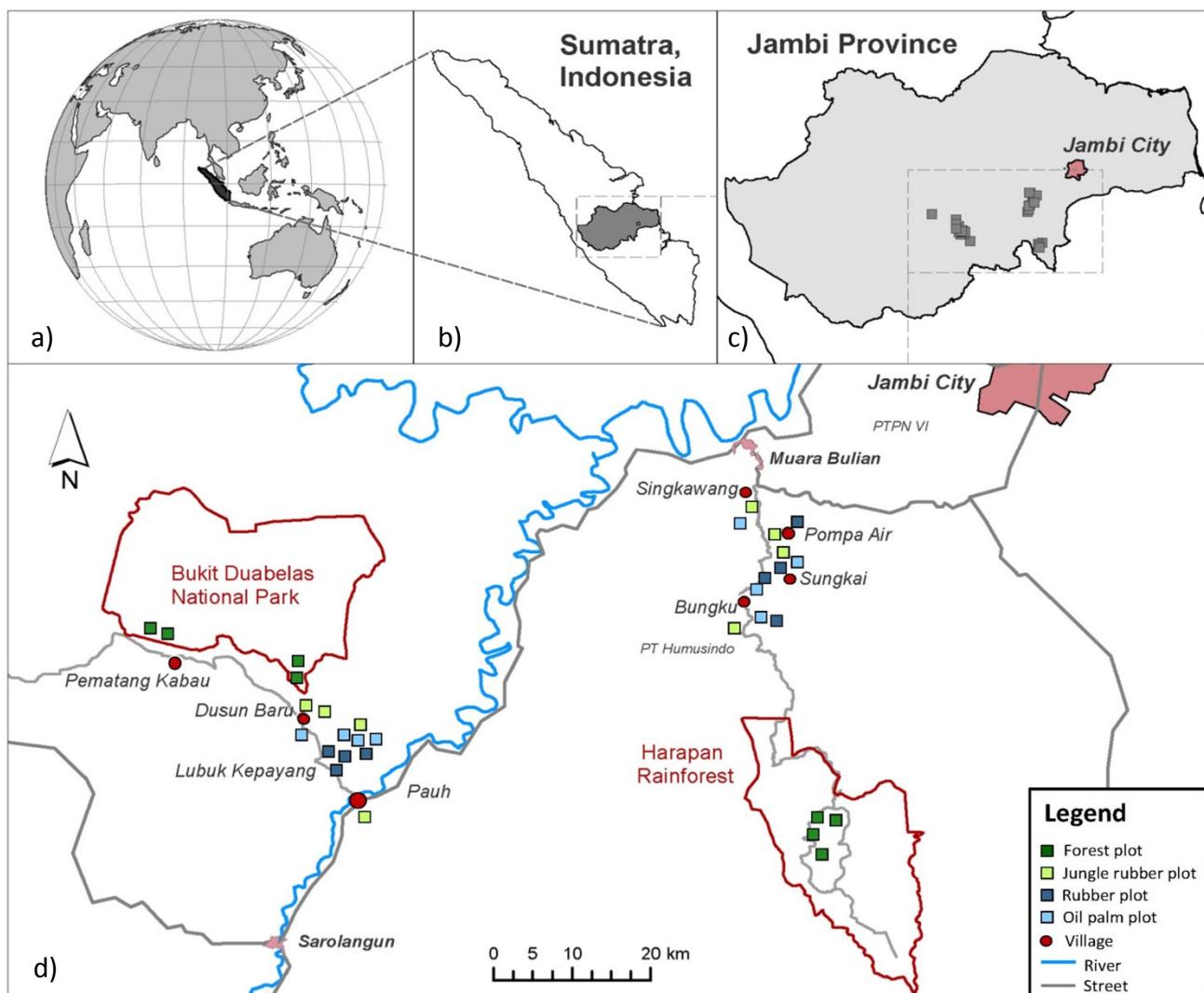


Fig. 1: Location of EFForTS study sites in Sumatra (a,b) and Jambi Province (c,d). Plants were photographed inside and in the surroundings of the core plots (d). Map: Rembold et al. (2017).

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Overview of common wayside plants found within the EFForTS study region. „Location“ refers to the land-use system where they occurred. Abbreviations: F - forest, J - jungle rubber, O - oil palm plantation, R - rubber plantation, road – roadsides. „Origin“ provides information about species that are native or alien to Indonesia.

Taxa	Family	Species	Page	Location	Origin
Pteridophyte	Aspleniaceae	<i>Asplenium glaucophyllum</i>	4	O	native
Pteridophyte	Aspleniaceae	<i>Asplenium longissimum</i>	4	O	native
Pteridophyte	Aspleniaceae	<i>Asplenium nidus</i>	4	F, J, O	native
Pteridophyte	Blechnaceae	<i>Blechnum orientale</i>	4	J, R, O	native
Pteridophyte	Davalliaceae	<i>Davallia denticulata</i>	4	J, R, O	native
Pteridophyte	Gleicheniaceae	<i>Dicranopteris linearis</i>	4	F, J, R, O, road	native
Pteridophyte	Lindsaeaceae	<i>Lindsaea ensifolia</i>	4	F, J, R, O	native
Pteridophyte	Lycopodiaceae	<i>Lycopodiella cernua</i>	4	O	native
Pteridophyte	Lygodiaceae	<i>Lygodium cf. circinatum</i>	4	J, R, O	native
Pteridophyte	Lygodiaceae	<i>Lygodium cf. salicifolium</i>	4	J, R, O	native
Pteridophyte	Nephrolepidaceae	<i>Nephrolepis biserrata</i>	4	J, R, O	native
Pteridophyte	Ophioglossaceae	<i>Helminthostachys zeylanica</i>	4	R, O	native
Pteridophyte	Ophioglossaceae	<i>Ophioglossum pendulum</i>	5	O	native
Pteridophyte	Ophioglossaceae	<i>Ophioglossum reticulatum</i>	5	O	native
Pteridophyte	Polypodiaceae	<i>Drynaria quercifolia</i>	5	F, J, R	native
Pteridophyte	Polypodiaceae	<i>Goniophlebium percussum</i>	5	J, O	native
Pteridophyte	Polypodiaceae	<i>Platycerium coronarium</i>	5	F, J, road	native
Pteridophyte	Pteridaceae	<i>Adiantum latifolium</i>	5	R, O	native
Pteridophyte	Pteridaceae	<i>Pityrogramma calomelanos</i>	5	O	alien
Pteridophyte	Pteridaceae	<i>Taenitis blechnoides</i>	5	F, J, R, O	native
Pteridophyte	Pteridaceae	<i>Vittaria elongata</i>	5	O	native
Pteridophyte	Pteridaceae	<i>Vittaria ensiformis</i>	5	J, O	native
Pteridophyte	Selaginellaceae	<i>Selaginella plana</i>	5	F, R, O	native
Angiosperm	Acanthaceae	<i>Asystasia gangetica</i>	6	J, R, O	alien
Angiosperm	Amaranthaceae	<i>Cyathula prostrata</i>	6	R	native
Angiosperm	Apocynaceae	<i>Allamanda cathartica</i>	6	road	alien
Angiosperm	Asteraceae	<i>Acmella paniculata</i>	6	R, O	alien
Angiosperm	Asteraceae	<i>Ageratum conyzoides</i>	6	R, O	alien
Angiosperm	Asteraceae	<i>Chromolaena odorata</i>	6	R, O	alien
Angiosperm	Asteraceae	<i>Clibadium surinamense</i>	6	J, R, O	alien
Angiosperm	Asteraceae	<i>Crassocephalum crepidioides</i>	6	O	alien
Angiosperm	Asteraceae	<i>Mikania micrantha</i>	6	F, R, O	alien
Angiosperm	Asteraceae	<i>Rolandra fruticosa</i>	6	J, R, O	native
Angiosperm	Asteraceae	<i>Sphagneticola trilobata</i>	6	road	alien
Angiosperm	Asteraceae	<i>Synedrella nudiflora</i>	6	R, O	alien
Angiosperm	Cleomaceae	<i>Cleome rutidosperma</i>	7	O	alien
Angiosperm	Convolvulaceae	<i>Merremia umbellata</i>	7	road	native
Angiosperm	Costaceae	<i>Cheilocostus speciosus</i>	7	F, road	native
Angiosperm	Cyperaceae	<i>Rhynchospora colorata</i>	7	O	alien
Angiosperm	Cyperaceae	<i>Scleria ciliaris</i>	7	F, J, R, O, road	native
Angiosperm	Dilleniaceae	<i>Tetracera indica</i>	7	F, J, R	native
Angiosperm	Euphorbiaceae	<i>Croton hirtus</i>	7	R, O	alien
Angiosperm	Euphorbiaceae	<i>Endospermum diadenum</i>	7	F, J, R, O	native
Angiosperm	Euphorbiaceae	<i>Macaranga bancana</i>	7	F, J, R, O	native
Angiosperm	Euphorbiaceae	<i>Mallotus peltatus</i>	7	F, J, O	native
Angiosperm	Fabaceae	<i>Bauhinia semibifida</i>	7	F, J, R, O	native
Angiosperm	Fabaceae	<i>Calopogonium mucunoides</i>	7	R, O	alien

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Overview of common wayside plants found within the EFForTS study region. „Location“ refers to the land-use system where they occurred. Abbreviations: F - forest, J - jungle rubber, O - oil palm plantation, R - rubber plantation, road – roadsides. „Origin“ provides information about species that are native or alien to Indonesia.

Taxa	Family	Species	Page	Location	Origin
Angiosperm	Fabaceae	<i>Centrosema pubescens</i>	8	R, O	alien
Angiosperm	Fabaceae	<i>Mimosa pudica</i>	8	R, O	alien
Angiosperm	Fabaceae	<i>Phanera kockiana</i>	8	F, J, O	native
Angiosperm	Hypoxidaceae	<i>Molineria latifolia</i>	8	F, J, R, O	native
Angiosperm	Lamiaceae	<i>Clerodendrum deflexum</i>	8	F, J, R, O	native
Angiosperm	Lamiaceae	<i>Clerodendrum paniculatum</i>	8	road	native
Angiosperm	Lamiaceae	<i>Hyptis capitata</i>	8	R, O	alien
Angiosperm	Linderniaceae	<i>Legazpia polygonoides</i>	8	O	native
Angiosperm	Linderniaceae	<i>Lindernia crustacea</i>	8	R, O	native
Angiosperm	Linderniaceae	<i>Lindernia diffusa</i>	8	J, R, O	alien
Angiosperm	Linderniaceae	<i>Torenia violacea</i>	8	R, O	native
Angiosperm	Lythraceae	<i>Cuphea carthagena</i>	8	O	alien
Angiosperm	Malvaceae	<i>Urena lobata</i>	9	J, R, O, road	native
Angiosperm	Melastomataceae	<i>Clidemia hirta</i>	9	F, J, R, O	alien
Angiosperm	Melastomataceae	<i>Melastoma malabathricum</i>	9	J, R, O	native
Angiosperm	Onagraceae	<i>Ludwigia octovalvis</i>	9	R, O	native
Angiosperm	Orchidaceae	<i>Eulophia spectabilis</i>	9	J, R, O	native
Angiosperm	Oxalidaceae	<i>Oxalis barrelieri</i>	9	J, R, O	alien
Angiosperm	Passifloraceae	<i>Passiflora foetida</i>	9	O, road	alien
Angiosperm	Phallanthaceae	<i>Phyllanthus urinaria</i>	9	R, O	native
Angiosperm	Piperaceae	<i>Peperomia pellucida</i>	9	R, O	native
Angiosperm	Poaceae	<i>Axonopus compressus</i>	9	J, R, O	alien
Angiosperm	Poaceae	<i>Centotheca lappacea</i>	9	F, J, R, O	native
Angiosperm	Poaceae	<i>Cyrtococcum patens</i>	9	J, R, O	native
Angiosperm	Poaceae	<i>Imperata cylindrica</i>	10	J, R, O	native
Angiosperm	Poaceae	<i>Leptaspis urceolata</i>	10	F, J	native
Angiosperm	Poaceae	<i>Paspalum dilatatum</i>	10	J, R, O	alien
Angiosperm	Poaceae	<i>Pennisetum polystachyon</i>	10	road	alien
Angiosperm	Polygalaceae	<i>Polygala paniculata</i>	10	O	alien
Angiosperm	Polygalaceae	<i>Salomonia cantoniensis</i>	10	O	native
Angiosperm	Primulaceae	<i>Marantodes pumilum</i>	10	F, J	native
Angiosperm	Rubiaceae	<i>Ixora grandifolia</i>	10	F, R	native
Angiosperm	Rubiaceae	<i>Lasianthus inaequalis</i>	10	F	native
Angiosperm	Rubiaceae	<i>Mussaenda frondosa</i>	10	F, J, R, O, road	native
Angiosperm	Rubiaceae	<i>Rothmannia macrophylla</i>	10	F, J, O	native
Angiosperm	Rubiaceae	<i>Spermacoce cristata</i>	11	F, J, R, O	native
Angiosperm	Rubiaceae	<i>Uncaria cordata</i>	11	O, road	native
Angiosperm	Scrophulariaceae	<i>Scoparia dulcis</i>	11	O	alien
Angiosperm	Urticaceae	<i>Poikilospermum suaveolens</i>	11	F, O	native
Angiosperm	Urticaceae	<i>Pouzolzia zeylanica</i>	11	R	native
Angiosperm	Verbenaceae	<i>Lantana camara</i>	11	R, O	alien
Angiosperm	Verbenaceae	<i>Stachytarpheta indica</i>	11	R, O	alien
Angiosperm	Verbenaceae	<i>Stachytarpheta jamaicensis</i>	11	road	alien
Angiosperm	Vitaceae	<i>Pterisanthes heterantha</i>	11	F, J	native
Angiosperm	Zingiberaceae	<i>Etlingera hemisphaerica</i>	11	F	native
Angiosperm	Zingiberaceae	<i>Etlingera pauciflora</i>	11	F	native
Angiosperm	Zingiberaceae	<i>Globba pendula</i>	11	F, J	native

PTERIDOPHYTES



Species: *Asplenium glaucophyllum*
Family: Aspleniaceae



Species: *Asplenium longissimum*
Family: Aspleniaceae



Species: *Asplenium nidus*
Family: Aspleniaceae



Species: *Blechnum orientale*
Family: Blechnaceae



Species: *Davallia denticulata*
Family: Davalliaceae



Species: *Dicranopteris linearis*
Family: Gleicheniaceae



Species: *Lindsaea ensifolia*
Family: Lindsaeaceae



Species: *Lycopodiella cernua*
Family: Lycopodiaceae



Species: *Lygodium cf. circinatum*
Family: Lygodiaceae



Species: *Lygodium cf. salicifolium*
Family: Lygodiaceae



Species: *Nephrolepis biserrata*
Family: Nephrolepidaceae



Species: *Helminthostachys zeylanica*
Family: Ophioglossaceae

PTERIDOPHYTES



Species: *Ophioglossum pendulum*
Family: Ophioglossaceae



Species: *Ophioglossum reticulatum*
Family: Ophioglossaceae



Species: *Drynaria quercifolia*
Family: Polypodiaceae



Species: *Goniophlebium percussum*
Family: Polypodiaceae



Species: *Goniophlebium percussum*
Family: Polypodiaceae
Left: sterile, right: fertile



Species: *Platycerium coronarium*
Family: Polypodiaceae



Species: *Adiantum latifolium*
Family: Pteridaceae



Species: *Pityrogramma calomelanos*
Family: Pteridaceae



Species: *Taenitis blechnoides*
Family: Pteridaceae



Species: *Vittaria elongata*
Family: Pteridaceae



Species: *Vittaria ensiformis*
Family: Pteridaceae



Species: *Selaginella plana*
Family: Selaginellaceae

ANGIOSPERMS



Species: *Asystasia gangetica*
Family: Acanthaceae



Species: *Cyathula prostrata*
Family: Amaranthaceae



Species: *Allamanda cathartica*
Family: Apocynaceae



Species: *Acmella paniculata*
Family: Asteraceae



Species: *Ageratum conyzoides*
Family: Asteraceae



Species: *Chromolaena odorata*
Family: Asteraceae



Species: *Crassocephalum crepidioides*
Family: Asteraceae



Species: *Mikania micrantha*
Family: Asteraceae



Species: *Clibadium surinamense*
Family: Asteraceae



Species: *Rolandia fructicosa*
Family: Asteraceae



Species: *Sphagneticola trilobata*
Family: Asteraceae



Species: *Synedrella nudiflora*
Family: Asteraceae

ANGIOSPERMS



Species: *Cleome rutidosperma*
Family: Cleomaceae



Species: *Merremia umbellata*
Family: Convolvulaceae



Species: *Rhynchospora colorata*
Family: Cyperaceae



Species: *Scleria ciliaris*
Family: Cyperaceae



Species: *Cheilocostus speciosus*
Family: Costaceae



Species: *Tetracera indica*
Family: Dilleniaceae



Species: *Croton hirtus*
Family: Euphorbiaceae



Species: *Endospermum diadenum*
Family: Euphorbiaceae



Species: *Macaranga bancana*
Family: Euphorbiaceae



Species: *Mallotus peltatus*
Family: Euphorbiaceae



Species: *Bauhinia semibifida*
Family: Fabaceae
Fertile plant and juvenile leaves (small picture)



Species: *Calopogonium mucunoides*
Family: Fabaceae

ANGIOSPERMS



Species: *Centrosema pubescens*
Family: Fabaceae



Species: *Mimosa pudica*
Family: Fabaceae



Species: *Phanera kockiana*
Family: Fabaceae



Species: *Molineria latifolia*
Family: Hypoxidaceae



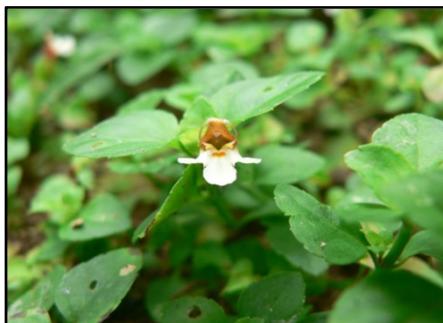
Species: *Clerodendrum deflexum*
Family: Lamiaceae



Species: *Clerodendrum paniculatum*
Family: Lamiaceae



Species: *Hyptis capitata*
Family: Lamiaceae



Species: *Legazpia polygonoides*
Family: Linderniaceae



Species: *Lindernia crustacea*
Family: Linderniaceae



Species: *Lindernia diffusa*
Family: Linderniaceae



Species: *Torenia violacea*
Family: Linderniaceae



Species: *Cuphea carthagrenensis*
Family: Lythraceae

ANGIOSPERMS



Species: *Urena lobata*
Family: Malvaceae



Species: *Clidemia hirta*
Family: Melastomataceae



Species: *Melastoma malabathricum*
Family: Melastomataceae



Species: *Ludwigia octovalvis*
Family: Onagraceae



Species: *Eulophia spectabilis*
Family: Orchidaceae



Species: *Oxalis barrelieri*
Family: Oxalidaceae



Species: *Passiflora foetida*
Family: Passifloraceae



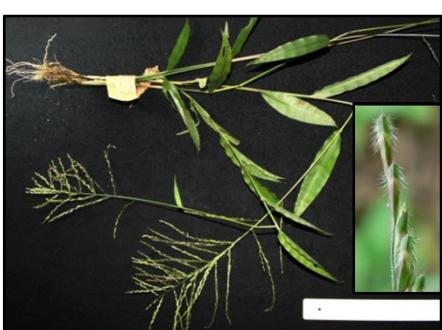
Species: *Phyllanthus urinaria*
Family: Phyllanthaceae



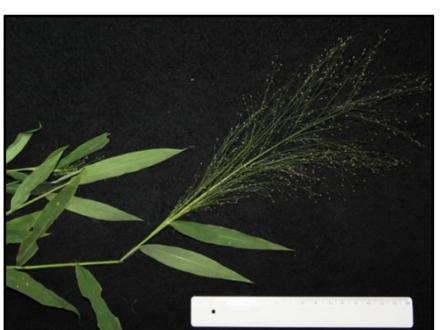
Species: *Peperomia pellucida*
Family: Piperaceae



Species: *Axonopus compressus*
Family: Poaceae



Species: *Centotheca lappacea*
Family: Poaceae



Species: *Cyrtococcum patens*
Family: Poaceae

ANGIOSPERMS



Species: *Imperata cylindrica*
Family: Poaceae



Species: *Leptaspis urceolata*
Family: Poaceae



Species: *Paspalum dilatatum*
Family: Poaceae



Species: *Pennisetum polystachion*
Family: Poaceae



Species: *Polygala paniculata*
Family: Polygalaceae



Species: *Salomonia cantoniensis*
Family: Polygalaceae



Species: *Marantodes pumilum*
Family: Primulaceae
juvenile



Species: *Marantodes pumilum*
Family: Primulaceae
adult



Species: *Ixora grandifolia*
Family: Rubiaceae



Species: *Lasianthus inaequalis*
Family: Rubiaceae



Species: *Mussaenda frondosa*
Family: Rubiaceae

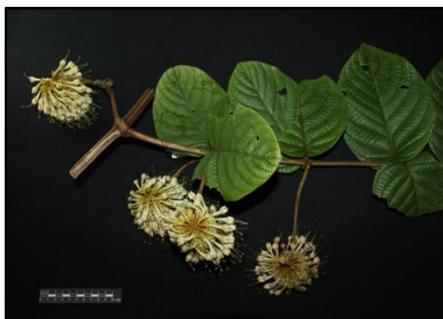


Species: *Rothmannia macrophylla*
Family: Rubiaceae

ANGIOSPERMS



Species: *Spermacoce cristata*
Family: Rubiaceae



Species: *Uncaria cordata*
Family: Rubiaceae



Species: *Scoparia dulcis*
Family: Scrophulariaceae



Species: *Poikilospermum suaveolens*
Family: Urticaceae
Female (left) and male (right) flowers



Species: *Pouzolia zeylanica*
Family: Urticaceae
Female and male (small picture) flowers



Species: *Lantana camara*
Family: Verbenaceae



Species: *Stachytarpheta indica*
Family: Verbenaceae



Species: *Stachytarpheta jamaicensis*
Family: Verbenaceae



Species: *Pterisanthes heterantha*
Family: Vitaceae



Species: *Etlingera pauciflora*
Family: Zingiberaceae



Species: *Etlingera hemisphaerica*
Family: Zingiberaceae



Species: *Globba pendula*
Family: Zingiberaceae



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