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**REPORT ON THE CHOICE OF THE PRIORITY FAMILY
LISTS OF INVASIVE ALIEN SPECIES AND THREATENED
SPECIES PLANTS OF BENIN**

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Introduction

In the framework of the Regional project funded by European Union (EU) through the program of Biodiversity Information for Development (BID), managed by the Secretariat of the Global Biodiversity information Facility (GBIFS) to address priorities of the consortium countries (Senegal, Guinea, Côte-d'Ivoire, Mali, Niger, DRC, Madagascar, and Benin) on data mobilization to advance knowledge on the distribution and modeling of invasive alien species and threatened species to inform decision in the countries involved in the consortium, we recommended that at each consortium country level, the lists of priority families belonging to both categories be established consensually with in-country partners. The methods used and results obtained are presented below.

Methods

Case of Benin

During the national workshop of 14th June 2016, we first asked partners of the project working in biodiversity conservation field (researchers, academics, NGO members, conservators...) to provide lists of species of invasive alien species and threatened species separately. Second, for each category of species, the provided lists were combined to select the ten priority families.

Case of DRC

The lists of each category of species were compiled during a national workshop held at the Herbarium INERA of the University of Kinshasa (IUK), from 26 to 27 July 2016. During that workshop, experts from several local institutions, holders of alien invasive and endangered plants data, met and achieved the priority families list of each category species.

Case of Senegal

To achieve the priority family lists of invasive alien species and threatened species respectively, literature review, observational data and data collected by partners were compiled.

Case of Guinea

Under the responsibility of the local coordinator of the project, in-country partners mainly from the national herbarium, the herbarium of Sérédou, and the Minister of Environment, were first invited to provide lists of priority plant families of invasive alien species and threatened species. Second, they met on 27th July at the national herbarium of Guinea in Conakry to compile the lists provided and achieve consensually the final list of each category of plants.

Case of Mali

First, project partners were informed on the project, its objectives, duration, financial aspects, and data mobilization. Second, the partners were convened to establish the list of priority families to be considered in the project.

Case of Niger

In country partners were convened by the Minister of Environment to establish the list of priority families to be considered in the project. Several partners met then to achieve that objective.

Case of Côte-d'Ivoire

Literature review and internet research on IUCN site were used to achieve consensual priority lists of invasive alien species and threatened species.

Case of Madagascar

Literature review was mainly used to achieve with in country partners, the priority lists of invasive alien species and threatened species to be considered.

Globally, the common points of the methods used in consortium partner countries were national workshops to inform in-country partners and achieve the priority lists of plant families to be considered. The criteria used were compiled from literature review and relevant websites such as GRIIS interface developed by IUCN's invasive species specialist group through the CBD invasive partnership (<http://griis.org/>), documented national lists of each category of species, IUCN site (<http://www.iucnredlist.org/>)...

As for invasive alien species the criteria we agreed on are the following:

- The species must be among the most expanded within the consortium countries
- They must be characterized by rapid expansion and:

- Harmful to environment
- Harmful to the economies of the countries
- Harmful to the public health, and
- Have negative impacts on ecosystems' functioning

As for threatened species, the criteria we agreed on are the following:

- IUCN status of the species
- CITES status of the species
- Regional status of the species as proved by reliable documents
- National status of the species as proved by reliable documents
- Rare species
- Endemic species
- Species recently introduced in the countries
- Ecological pressure on the species
- Habitat destruction of the species
- Species regression in natural habitats
- Pressure of predation on the species
- Problem of disease on the species

Results

The results achieved so far on the lists of species per country are in appendices 1 to 8. From those lists, we retain at the consortium level the lists of priority families summarized in table 1. This table contains the plant families listed by at least 4 countries. The families listed by less than 4 countries and even by single countries will remain priority lists for those countries.

Table 1: The list of plant families listed by at least 4 countries in either category is as follows

Status	Families	Number of countries
Invasive	Araceae	5
Invasive	Asteraceae	7
Invasive	Euphorbiaceae	5
Invasive	Leguminoseae	4
Invasive	Poaceae	5
Invasive	Pontederiaceae	4
Invasive	Salviniaceae	4
Invasive	Verbenaceae	4
Threatened	Anacardiaceae	5
Threatened	Apocynaceae	4
Threatened	Arecaceae	5
Threatened	Leguminoseae	4

Threatened	Meliaceae	4
Threatened	Moraceae	4
Threatened	Rubiaceae	6
Threatened	Sapotaceae	4

Appendix 1.1: List of priority threatened plant families and species of Benin

Family	Species
Acanthaceae	<i>Acanthus montanus</i>
Acanthaceae	<i>Dennettia tripetala</i>
Acanthaceae	<i>Dennettia tripetala</i>
Boletaceae	<i>Afroboletus luteolus</i>
Boletaceae	<i>Afroboletus costatisporus</i>
Boletaceae	<i>Strobilomyces echinatus</i>
Cantharellaceae	<i>Cantharellus congolensis</i>
Cantharellaceae	<i>Cantharellus platyphyllus</i>
Cantharellaceae	<i>Cantharellus rufopunctatus</i>
Cantharellaceae	<i>Cantharellus conspicuus</i>
Euphorbiaceae	<i>Drypetes gilgiana</i>
Euphorbiaceae	<i>Drypetes aframensis</i>
Euphorbiaceae	<i>Uapaca paludosa</i>
Euphorbiaceae	<i>Drypetes afzelii</i>
Leguminosae-	<i>Anthonotha fragrans</i>
Leguminosae-	<i>Aubrevillea kerstingii</i>
Leguminosae-	<i>Crudia klainei</i>
Rubiaceae	<i>Gardenia imperialis</i>
Rubiaceae	<i>Psilanthus mannii</i>
Rubiaceae	<i>Rothmannia munsae</i>
Rubiaceae	<i>Tricalysia reflexa</i>
Rubiaceae	<i>Gardenia imperialis ssp. imperialis</i>
Rubiaceae	<i>Tricalysia reflexa var. reflexa</i>
Russulaceae	<i>Lactarius foetens</i>
Russulaceae	<i>Lactarius miniatescens</i>
Russulaceae	<i>Lactarius rufomarginatus</i>
Russulaceae	<i>Lactarius chamaeleontinus</i>
Russulaceae	<i>Lactarius aurantifolius</i>
Russulaceae	<i>Russula liberiensis</i>
Russulaceae	<i>Russula brunneoderma</i>
Russulaceae	<i>Russula cellulata</i>
Sterculiaceae	<i>Octolobus spectabilis</i>
Sterculiaceae	<i>Pterygota macrocarpa</i>
Sterculiaceae	<i>Nesogordonia papaverifera</i>
Burseraceae	<i>Canarium schweinfurthii</i>
Burseraceae	<i>Commiphora pedunculata</i>
Passifloraceae	<i>Barteria nigritana</i>
Passifloraceae	<i>Barteria fistulosa</i>

Appendix 1.2: List of priority invasive alien plant families and species of Benin

Family	Species
Araceae	<i>Eichhornia crassipes</i>
Araceae	<i>Pistia stratiotes</i>
Asteraceae	<i>Acanthospermum hispidum</i>
Asteraceae	<i>Ageratum conyzoides</i>
Asteraceae	<i>Aspilia africana</i>
Asteraceae	<i>Bidens pilosa</i>
Asteraceae	<i>Chromolaena odorata</i>
Asteraceae	<i>Vernonia ambigua</i>
Cyperaceae	<i>Cyperus difformis</i>
Cyperaceae	<i>Cyperus esculentus</i>
Cyperaceae	<i>Cyperus iria</i>
Cyperaceae	<i>Cyperus rotundus</i>
Cyperaceae	<i>Cyperus rotundus</i>
Euphorbiaceae	<i>Euphorbia heterophylla</i>
Euphorbiaceae	<i>Euphorbia hirta</i>
Euphorbiaceae	<i>Ricinus communis</i>
Lamiaceae	<i>Hyptis suaveolens</i>
Leguminosae-Papilionoidae	<i>Crotalaria retusa</i>
Leguminosae-Papilionoidae	<i>Indigofera subulata</i>
Leguminosae-Papilionoidae	<i>Indigofera thonningii</i>
Leguminosae-Papilionoidae	<i>Indigofera trita</i> var. <i>subulata</i> ,
Malvaceae	<i>Sida acuta</i>
Malvaceae	<i>Sida cordifolia</i>
Malvaceae	<i>Sida rhombifolia</i>
Poaceae	<i>Brachiaria deflexa</i>
Poaceae	<i>Brachiaria lata</i>
Poaceae	<i>Brachiaria mutica</i>
Poaceae	<i>Cynodon dactylon</i>
Poaceae	<i>Dactyloctenium aegyptium</i>
Poaceae	<i>Digitaria horizontalis</i>
Poaceae	<i>Echinochloa colona</i>
Poaceae	<i>Eleusine indica</i>
Poaceae	<i>Eragrostis aspera</i>
Poaceae	<i>Imperata cylindrica</i>
Poaceae	<i>Oryza barthii</i>
Poaceae	<i>Oryza longistaminata</i>
Poaceae	<i>Paspalum scrobiculatum</i>
Scrophulariaceae	<i>Rhamphicarpa fistulosa</i>
Scrophulariaceae	<i>Striga asiatica</i>
Scrophulariaceae	<i>striga gesnerioides</i>
Scrophulariaceae	<i>striga hermonthica</i>
Verbenaceae	<i>Lantana camara</i>

Appendix 2.1: List of priority threatened plant families and species of Côte-d'Ivoire

Family	Species
Rubiaceae	<i>Argocoffeopsis lemblinii</i>
Sapotaceae	<i>Aubregrinia taiensis</i>
Malvaceae	<i>Byttneria ivorensis</i>
Leguminoseae	<i>Cassia aubrevillei</i>
Leguminoseae	<i>Cassia fikifiki</i>
Sapotaceae	<i>Chrysophyllum azaguieanum</i>
Malvaceae	<i>Cola attiensis</i>
Malvaceae	<i>Cola lorougnonis</i>
Leguminoseae	<i>Detarium microcarpum</i>
Moraceae	<i>Dorstenia astyanactis</i>
Putranjivaceae	<i>Drypetes laciniata</i>
Putranjivaceae	<i>Drypetes singroboensis</i>
Clusiaceae	<i>Garcinia afzelii</i>
Clusiaceae	<i>Garcinia kola</i>
Simaroubaceae	<i>Gymnostemon zaizou</i>
Leguminoseae	<i>Haplormosia monophylla</i>
Leguminoseae	<i>Hymenostegia aubrevillei</i>
Leguminoseae	<i>Loesenera kalantha</i>
Moraceae	<i>Milicia excelsa</i>
Moraceae	<i>Milicia regia</i>
Simaroubaceae	<i>Nothospondias staudtii</i>
Leguminoseae	<i>Pericopsis elata</i>
Rubiaceae	<i>Robynsia glabrata</i>
Rubiaceae	<i>Schumanniohyton problematicum</i>
Rubiaceae	<i>Sericanthesou petou</i>
Sapotaceae	<i>Synsepalum aubrevillei</i>
Sapotaceae	<i>Synsepalum tsoukpe</i>
Rutaceae	<i>Teclea carpopunctifera</i>
Rutaceae	<i>Zanthoxylum psammophilum</i>

Appendix 2.2: List of priority invasive alien plant families and species of Côte d'Ivoire

Family	Species
Salviniaceae	<i>Salvinia nymphellula</i>
Asteraceae	<i>Bidenspilosa</i>
Araceae	<i>Caladium bicolor</i>
Leguminoseae	<i>Senna siamea</i>
Asteraceae	<i>Chromolaena odorata</i>
Euphorbiaceae	<i>Croton hirtus</i>
Leguminoseae	<i>Delonix regia</i>

Euphorbiaceae	<i>Euphorbia heterophylla</i>
Euphorbiaceae	<i>Hevea brasiliensis</i>
Poaceae	<i>Imperata cylindrica</i>
Leguminoseae	<i>Leucaena leucocephala</i>
Leguminoseae	<i>Mimosa invisa</i>
Leguminoseae	<i>Mimosa pigra</i>
Leguminoseae	<i>Mimosa quadrivalvis var. leptocarpa</i>
Araceae	<i>Pistia stratiotes</i>
Leguminoseae	<i>Pueraria phaseoloides</i>
Salviniaceae	<i>Salvinia molesta</i>
Solanaceae	<i>Solanum erianthum</i>
Solanaceae	<i>Solanum rugosum</i>
Poaceae	<i>Stenotaphrum secundatum</i>
Araceae	<i>Syngonium podophyllum</i>
Leguminoseae	<i>Tabebuia pallida</i>
Asteraceae	<i>Tithonia diversifolia</i>

Appendix 3.1: List of priority threatened plant families and species of Niger

Famille	Espèces
Polygalaceae	<i>Securidaca longipedunculata</i>
Burseraceae	<i>Boswellia dalzielii Hutch.</i>
Fabaceae	<i>Prosopis Africana</i>
Sapotaceae	<i>Vitellaria paradoxa</i>
Moraceae	<i>Ficus sycomorusou gnafalocarpa</i>
Anacardiaceae	<i>Lannea microcarpa</i>
Annonaceae	<i>Annona senegalensis</i>
Meliaceae	<i>Khaya senegalensis</i>
Rosaceae	<i>Neocarya macrphylla</i>
Fabaceae	<i>Detarium microcarpum</i>
Lamiaceae	<i>Vitex doniana</i>
Tiliaceae	<i>Grewia flavescens</i>
Boraginaceae	<i>Cordia sinensis</i>
Rubiaceae	<i>Mitragyna inermis</i>
Bignoniaceae	<i>Kigelia africana</i>
Fabaceae	<i>Prosopis africana</i>
Arecaeae	<i>Borassus aethiopicum</i>
malvaceae	<i>Adansonia digitata</i>
Chenopodiaceae	<i>Cornulaca mancantha</i>

Appendix 3.2: List of priority invasive alien plant families and species of Niger

Famille	Espèces
Fabaceae	<i>Prosopis juliflora</i>
Pontederiaceae	<i>Eichornia crassipes</i>
Asteraceae	<i>Acanthospermum hispidum</i>

Myrtaceae	<i>Eucalyptus camaldulensis</i>
Meliaceae	<i>Azadirachta indica</i>

Appendix 4.1: List of priority threatened plant families and species of Mali

Families	Species
Leguminosae	<i>Dalbergia melanoxylon</i>
Leguminosae	<i>Azalia africana</i> ,
Meliaceae	<i>Khaya senegalensis</i>
Rubiaceae	<i>Pavetta lasioclada</i>
Leguminosae	<i>Gilletiodendron glandulosum</i> ,
Leguminosae	<i>Acacia macrostachya</i>
Leguminosae	<i>Acacia radiana</i>
Leguminosae	<i>Acacia senegal</i>
Balanitacées	<i>Balanites aegyptiaca</i>
Bombacacées	<i>Adansonia digitata</i> ,
Poaceae	<i>Cenchrus biflorus</i>
Arecacées	<i>Hyphaena thebaica</i>
Fabiacées	<i>Pterocarpus erinaceus</i>
Tiliaceae	<i>Grewia mollis</i>
Tiliaceae	<i>Grewia tenax</i>
Salvadoraceae	<i>Salvadora Percica</i>
Leguminosae	<i>Delonix Regia</i>
Poaceae	<i>Penisetum pedicellatum</i>
Leguminosae	<i>Zornia glochidiata</i>
Fabaceae	<i>Pterocarpus sp</i>
Rutaceae	<i>Vepris heterophylla</i>
Combretaceae	<i>Pteleopsis habeensis</i> ,
Leguminosae	<i>Prosopis juliflora</i>
Leguminosae	<i>Guibourtia copallifolia</i>
Leguminosae	<i>Swartzia madagascarensi</i>
Leguminosae	<i>Cordyla pinnata</i>
Dipterocarpaceae	<i>Monotes kerstingi</i>
Ebenaceae	<i>Diospyros mespiliformis</i>
Tamariceae	<i>Tamarindus indica</i>
Arecaceae	<i>Borassus aethiopum</i>
Arecaceae	<i>Elaeis guineensis</i>
Ochnaceae	<i>Lophira lanceolata</i>
Arecaceae	<i>Raphia sudanica</i>
Leguminosae	<i>Parkia biglobosa</i>
Tamaricaceae	<i>Teclea sudanica</i>
Tamaricaceae	<i>Teclea grandifolia</i>
Anacardiaceae	<i>Annona senegalensis</i>
Fagaceae	<i>Fagara zanthoxyloides</i>
Myrtaceae	<i>Nauclea latifolia</i>
Polygalaceae	<i>Securidaca longipedunculata</i>
Olocaceae	<i>Ximena americana</i>

Appendix 4.2: List of priority invasive alien plant families and species of Mali

Families	Species
Mimosaceae	<i>Prosopis sp</i>
Mimosaceae	<i>Prosopis juliflora</i>
Meliaceae	<i>Azadirachta indica</i>
Asteraceae	<i>Acanthospermum huspium</i>
Pontederiaceae	<i>Eichornia crassipes</i>
Salviniaceae	<i>Salvinia molesta</i>
Rosaceae	<i>Typha australis</i>
Araceae	<i>Pistia stratiotes</i>
Ceratophyllaceae	<i>Ceratophyllum demersum</i>
Haloragaceae	<i>Myriophyllum sp</i>

Appendix 5.1: List of priority threatened plant families and species of Senegal

Family	Species
Anacardiaceae	<i>Pseudospondias microcarpa</i>
Apocynaceae	<i>Landolphia heudelotii</i>
Apocynaceae	<i>Saba senegalensis</i>
Apocynaceae	<i>Alstonia boonei</i>
Araceae	<i>Lasimorpha senegalensis</i>
Arecaceae	<i>Borassus akeassii</i> Bayton
Arecaceae	<i>Calamus deerratus</i>
Arecaceae	<i>Raphia sudanica</i>
Bombacaceae	<i>Bombax costatum</i>
Capparaceae	<i>Maerua crassifolia</i>
Chrysobalanaceae	<i>Parinari excelsa</i>
Cyperaceae	<i>Bolboschoenus grandispicus</i>
Cyperaceae	<i>Cyperus lateriticus</i>
Cyperaceae	<i>Lipocarpha prieuriana</i>
Eriocaulaceae	<i>Eriocaulon inundatum</i>
Euphorbiaceae	<i>Acalypha brachiata</i> (<i>Acalypha</i>)
Fabaceae	<i>Acacia senegal</i>
Fabaceae	<i>Acacia nilotica</i> subsp. <i>tomentosa</i>
Fabaceae	<i>Acacia siberiana</i>
Fabaceae	<i>Baphia heudelotiana</i>
Fabaceae	<i>Cordyla pinnata</i>
Fabaceae	<i>Dalbergia melanoxylon</i>
Fabaceae	<i>Faidherbia albida</i>
Fabaceae	<i>Parkia biglobosa</i>
Fabaceae	<i>Pentaclethra macrophylla</i>

Fabaceae	<i>Pterocarpus erinaceus</i>
Fabaceae	<i>Prosopis africana</i>
Fabaceae	<i>Azelia africana</i>
Fabaceae	<i>Albizia ferruginea</i>
Gentianaceae	<i>Anthocleista djalonensis</i>
Hydrocharitaceae	<i>Najas welwitschii</i>
Linderniaceae	<i>Lindernia congesta</i>
Malvaceae	<i>Abutilon macropodium</i>
Meliaceae	<i>Carapa procera</i>
Meliaceae	<i>Carapa velutina</i>
Meliaceae	<i>Khaya senegalensis</i>
Moraceae	<i>Milicia regia</i>
Pandanaceae	<i>Pandanus candelabrum</i>
Poaceae	<i>Oxytenanthera abyssinica</i>
Poaceae	<i>Andropogon gambiensis</i>
Poaceae	<i>Digitaria gentilis</i>
Poaceae	<i>Digitaria aristulata</i>
Poaceae	<i>Panicum calocarpum</i>
Rocellaceae	<i>Rocella tinctoria</i>
Rubiaceae	<i>Hallea stipulosa</i>
Sapotaceae	<i>Vitellaria paradoxa</i>
Scrophulariaceae	<i>Linaria sagittata</i>
Sterculiaceae	<i>Cola laurifolia</i>
Sterculiaceae	<i>Sterculia tragacantha</i>

Appendix 5.2: List of priority invasive alien plant families and species of Senegal

Family	Species
Meliaceae	<i>Azadirachta indica</i>
Fabaceae	<i>Mimosa pigra</i>
Salviniaceae	<i>Salvinia molesta</i>
Typhaceae	<i>Typha domingensis</i>
Typhaceae	<i>Typha latifolia</i>
Poaceae	<i>Phragmites australis</i>
Araceae	<i>Pistia stratiotes</i>
Fabaceae	<i>Senna siamea</i>
Fabaceae	<i>Prosopis juliflora</i>
Euphorbiaceae	<i>Ricinus communis</i>
Fabaceae	<i>Leucaena leucocephala</i>
Commelinaceae	<i>Commelina forsskaolii</i>
Potamogetonaceae	<i>Potamogeton sp.</i>

Appendix 6.1: List of 50 priority threatened plant families and species of Madagascar

Families	Species
Anacardiaceae	<i>Micronychia benono</i>
Anacardiaceae	<i>Micronychia danguyana</i>
Anacardiaceae	<i>Operculicarya capuronii</i>
Anacardiaceae	<i>Operculicarya multijuga</i>
Apocynaceae	<i>Calyptranthera brevicaudata</i>
Apocynaceae	<i>Calyptranthera grandiflora</i>
Apocynaceae	<i>Calyptranthera schatziana</i>
Apocynaceae	<i>Camptocarpus cornutus</i>
Apocynaceae	<i>Catharanthus coriaceus</i>
Apocynaceae	<i>Pachypodium bicolor</i>
Apocynaceae	<i>Pachypodium eburneum</i>
Apocynaceae	<i>Pachypodium inopinatum</i>
Apocynaceae	<i>Pentopetia dolichopodia</i>
Apocynaceae	<i>Pentopetia dolichopodia</i>
Apocynaceae	<i>Pentopetia intermedia</i>
Apocynaceae	<i>Carlephyton diegoense</i>
Fabaceae	<i>Abrus parvifolius</i>
Fabaceae	<i>Alistilus magnificus</i>
Fabaceae	<i>Argyrolobium itremoense</i>
Fabaceae	<i>Cadia commersoniana</i>
Fabaceae	<i>Crotalaria bosseri</i>
Fabaceae	<i>Crotalaria peltieri</i>
Fabaceae	<i>Dalbergia brachystachya</i>
Fabaceae	<i>Dalbergia gautieri</i>
Fabaceae	<i>Dalbergia hirticalyx</i>
Fabaceae	<i>Dalbergia manongarivensis</i>
Fabaceae	<i>Dalbergia occulta</i>
Fabaceae	<i>Dalbergia pseudoviguieri</i>
Fabaceae	<i>Indigofera ankaratrensis</i>
Fabaceae	<i>Indigofera viguieri</i>
Fabaceae	<i>Indigofera pseudoparvula</i>
Fabaceae	<i>Indigofera suarezensis</i>
Fabaceae	<i>Mundulea ankazobeensis</i>
Fabaceae	<i>Ormocaropsis itremoensis</i>
Fabaceae	<i>Rhynchosia chapelieri</i>

Fabaceae	<i>Tephrosia decaryana</i>
Fabaceae	<i>Trifolium ankaratrense</i>
Fabaceae	<i>Vaughania humbertiana</i>
Lamiaceae	<i>Capitanopsis albida</i>
Lamiaceae	<i>Dauphinea brevilabra</i>
Lamiaceae	<i>Orthosiphon ellipticus</i>
Lamiaceae	<i>Orthosiphon sarmentosus</i>
Lamiaceae	<i>Plectranthus antongilicus</i>
Lamiaceae	<i>Stachys forsythii</i>
Lamiaceae	<i>Stachys oligantha</i>
Lamiaceae	<i>Stachys rubella</i>
Lauraceae	<i>Aspidostemon caudatum</i>
Lauraceae	<i>Aspidostemon conoideum</i>
Lamiaceae	<i>Platostoma fastigiatum</i>

Appendix 6.2: List of priority invasive alien plant families and species of Madagascar

Families	Species
Asteraceae	<i>Acanthospermum australe</i>
Asteraceae	<i>Acanthospermum hispidum</i>
Asteraceae	<i>Ageratina riparia</i>
Asteraceae	<i>Conyza canadensis</i>
Asteraceae	<i>Conyza sumatrensis</i>
Asteraceae	<i>Ageratum conyzoides</i>
Asteraceae	<i>Cosmos caudatus etc.</i>
Asteraceae	<i>Elephantopus mollis</i>
Asteraceae	<i>Launaea intybacea</i>
Asteraceae	<i>Parthenium hysterophorus</i>
Asteraceae	<i>Tridax precumbens</i>
Asteraceae	<i>Hypochaeris radicata</i>
Asteraceae	<i>Tagetes minuta</i>
Asteraceae	<i>Taraxacum officinale</i>
Azollaceae	<i>Azolla pinnata</i>
Cactaceae	<i>Opuntia ficus-indica</i>
Cactaceae	<i>Opuntia stricta</i>
Cactaceae	<i>Opuntia monacantha</i>
Fabaceae	<i>Acacia auriculiformis</i>

Fabaceae	<i>Acacia dealbata</i>
<i>Fabaceae</i>	<i>Acacia decurrens</i>
Fabaceae	<i>Acacia mangium</i>
Fabaceae	<i>Acacia mearnsii</i>
Fabaceae	<i>Acacia melanoxylon</i>
Fabaceae	<i>Albizia lebbek</i>
Fabaceae	<i>Bauhinia monandra</i>
Fabaceae	<i>Caesalpinia pulcherrima</i>
Fabaceae	<i>Calliandra houstoniana</i>
Fabaceae	<i>Calopogonium mucunoides</i>
Fabaceae	<i>Cassia fistula</i>
Fabaceae	<i>Crotalaria retusa</i>
Fabaceae	<i>Desmodium incanum</i>
Fabaceae	<i>Gliricidia sepium</i>
Fabaceae	<i>Leucaena diversifolia</i>
Fabaceae	<i>Haematoxylum campechianum</i>
Fabaceae	<i>Leucaena leucocephala</i>
Fabaceae	<i>Mimosa pudica</i>
Fabaceae	<i>Momosa pigra</i>
Fabaceae	<i>Mucuna pruriens</i>
Fabaceae	<i>Pithecellobium dulce</i>
Fabaceae	<i>Robinia pseudoacacia</i>
Fabaceae	<i>Schizolobium parahyba</i>
Fabaceae	<i>Parkinsonia aculeata</i>
Fabaceae	<i>Senna Septemtrionalis</i>
Fabaceae	<i>Sesbania cannabina</i>
Fabaceae	<i>Sesbania sesban</i>
Fabaceae	<i>Tephrosia candida</i>
Fabaceae	<i>Ulex europaeus</i>
Gingiberaceae	<i>Hedychium coronarium</i>
Melastomataceae	<i>Clidemia hirta</i>
Myrtaceae	<i>Eucalyptus robusta etc.</i>
Myrtaceae	<i>Melaleuca quinquenervia</i>
Myrtaceae	<i>Psidium cattleianum</i>
Myrtaceae	<i>Psidium guajava</i>
Myrtaceae	<i>Syzygium cumini</i>
Myrtaceae	<i>Syzygium jambos</i>
Pinaceae	<i>Pinus patula</i>
Pinaceae	<i>Pinus kesiya</i>
Pontederiaceae	<i>Eichhornia crassipes</i>
Proteaceae	<i>Grevillea banksii</i>
Rosaceae	<i>Rubus alceifolius</i>

Rosaceae	<i>Rubus moluccanus</i>
Rosaceae	<i>Rubus rosifolius</i>
Verbenaceae	<i>Lantana camara</i>
Verbenaceae	<i>Verbena brasiliensis</i>

Appendix 7.1: List of priority threatened plant families and species of Guinea

Families	Species
Anacardiaceae	<i>Spondias mombin</i>
Annonaceae	<i>Xylopia aethiopica</i>
Apocynaceae	<i>Landolphia heudelotii</i>
Araceae	<i>Cercestis sp</i>
Araceae	<i>Culcassia sp</i>
Araceae	<i>Lasimorpha senegalensis</i>
Araceae	<i>Stylochaeton pilosus</i>
Arecaceae	<i>Baphia heudelotiana</i>
Arecaceae	<i>Elaeis guineensis</i>
Arecaceae	<i>Raphia palma-pinus</i>
Asclepiadaceae	<i>Marsdenia exellii</i>
Asclepiadaceae	<i>Raphionacme caerulea</i>
Avicenniaceae	<i>Avicenia germinans</i>
Bombacaceae	<i>Bombax costatum</i>
Chrysobalanaceae	<i>Bafodeya benna</i>
Combretaceae	<i>Combretum micranthum</i>
Combretaceae	<i>Laguncularia racemosa</i>
Combretaceae	<i>Terminalia ivorensis</i>
Compositae	<i>Vernonia djalonensis</i>
Dracaenaceae	<i>Dracaena sp</i>
Euphorbiaceae	<i>Hymenocardia acida</i>
Euphorbiaceae	<i>Alchornea cordifolia</i>
Hypericaceae	<i>Harungana madagascariensis</i>
Leguminosae- Caesalpiniaceae	<i>Afzelia africana</i>
Leguminosae- Caesalpiniaceae	<i>Cassia podocarpa</i>
Leguminosae- Caesalpiniaceae	<i>Cassia sieberiana</i>
Leguminosae- Caesalpiniaceae	<i>Gilbertiodendron limba</i>
Leguminosae- Caesalpiniaceae	<i>Tamarindus indica</i>
Leguminosae-	<i>Dichrostachys cinerea</i>

Mimosaceae	
Leguminosae-Mimosaceae	<i>Parkia bicolor</i>
Leguminosae-Mimosaceae	<i>Parkia biglobosa</i>
Leguminosae-Mimosaceae	<i>Albizia adianthifolia</i>
Leguminosae-Fabaceae	<i>Lonchocarpus cyanescens</i>
Leguminosae-Fabaceae	<i>Pterocarpus santalinoides</i>
Leguminosae-Fabaceae	<i>Erythrina senegalensis</i>
Meliaceae	<i>Carapa procera</i>
Moraceae	<i>Milicia excelsa</i>
Nymphaeaceae	<i>Nymphaea micrantha</i>
Ochnaceae	<i>Lophira lanceolata</i>
Oleaceae	<i>Ximenia americana</i>
Rhizophoraceae	<i>Rhizophora mangle</i>
Rhizophoraceae	<i>Rhizophora racemosa</i>
Rubiaceae	<i>Hallea stipulosa</i>
Rubiaceae	<i>Sarcocephalus pobeguinii</i>
Rubiaceae	<i>Tarenna hutchinsonii</i>
Sapindaceae	<i>Paullina pinnata</i>
Verbenaceae	<i>Vitex doniana</i>
Meliaceae	<i>Khaya gradifolia</i>

Appendix 7.2: List of priority invasive alien plant families and species of Guinea

Families	Species
Mimosaceae	<i>Mimosa pigra</i>
Verbenaceae	<i>Gmelina arborea</i>
Asteraceae	<i>Azeratum conizoides</i>
Onagraceae	<i>Ludwigia octovalvis</i>
Asteraceae	<i>Chromolaena odorata</i>
Poaceae	<i>Imperata cylindrica</i>
Poaceae	<i>Sporobolus pyramidalis</i>
Poaceae	<i>Leersia hexandra</i>
Poaceae	<i>Axonopus compressus</i>
Euphorbiaceae	<i>Croton hirtus</i>
Myrtaceae	<i>Psidium guajava</i>
Fabaceae	<i>Calopogonium mucunoides</i>
Fabaceae	<i>Breynia disticha</i>
Verbenaceae	<i>Lantana camara</i>

Cyperaceae	<i>Cyperus rotundus</i>
Cyperaceae	<i>Cyperus esculentus</i>
Cyperaceae	<i>Cyperus dilatatus</i>
Scrophulariaceae	<i>Striga aequinoctialis</i>
Scrophulariaceae	<i>Striga bilabiata</i>
Scrophulariaceae	<i>Striga bilabiata</i>
Scrophulariaceae	<i>Striga micrantha</i>

Appendix 8.1: List of priority threatened plant families and species of DRC

Families	Species
Apocynaceae	<u><i>Mondia whitei</i></u>
Arecaceae	<u><i>Calamus deerratus</i></u>
Arecaceae	<u><i>Eremospatha haullevilleana</i></u>
Arecaceae	<i>Raphia sese</i>
Arecaceae	<u><i>Sclerosperma mannii</i></u>
Asparagaceae	<i>Dracaena acutissima</i>
Clusiaceae	<i>Garcinia huillensis</i>
Combretaceae	<i>Terminalia superba</i>
Cyperaceae	<u><i>Cyperus kibweanus</i></u>
Ebenaceae	<i>Diospyros crassiflora</i>
Leguminosae- Faboideae	<i>Millettia laurentii</i>
Leguminosae- Faboideae	<u><i>Millettia versicolor</i></u>
Leguminosae- Faboideae	<i>Pericopsis elata</i>
Leguminosae- Caesalpinioideae	<i>Guibourtia tessmannii</i>
Leguminosae- Caesalpinioideae	<i>Julbernardia brieyi</i>
Leguminosae- Caesalpinioideae	<i>Prioria balsamifera</i>
Gnetaceae	<i>Gnetum africanum</i>

Lauraceae	<i>Ocotea usambarensis</i>
Meliaceae	<i>Entandrophragma angolense</i>
Meliaceae	<i>Entandrophragma cylindricum</i>
Meliaceae	<i>Entandrophragma utile</i>
Meliaceae	<i>Khaya anthotheca</i>
Meliaceae	<i>Leplaea cedrata</i>
Meliaceae	<i>Lovoa trichilioides</i>
Moraceae	<i>Milicia excelsa</i>
Moraceae	<i>Dorstenia psilurus</i>
Pentadiplandraceae	<i>Pentadiplandra brazzeana</i>
Polygalaceae	<i>Securidaca longipedunculata</i>
Rosaceae	<i>Prunus africana</i>
Rubiaceae	<i>Gardenia ternifolia</i>
Simaroubaceae	<i>Quassia africana</i>
Orchidaceae	<i>Ansellia africana spp</i>
Orchidaceae	<i>Habenaria spp</i>
Zamiaceae	<i>Encephalartos poggei</i>
Orchidaceae	<i>Encephalartos septentrionalis</i>

Appendix 8.2: List of priority invasive alien plant families and species of Mali

Families	Species
<i>Acanthaceae</i>	<i><u>Ruellia tuberosa</u></i>
<i>Araceae</i>	<i>Pistia stratiotes</i>
	<i>Colocasia esculenta</i>
<i>Asteraceae</i>	<i><u>Chromolaena odorata</u></i>
<i>Azollaceae</i>	<i>Azolla pinnata</i> subsp. <i>africana</i>
<i>Commelinaceae</i>	<i><u>Commelina diffusa</u></i>
<i>Cucurbitaceae</i>	<i><u>Luffa cylindrica</u></i>

<i>Cyperaceae</i>	<u><i>Cyperus papyrus</i></u>
<i>Cyperaceae</i>	<i>Cyperus alternifolius L.</i>
<i>Dennstaedtiaceae</i>	<u><i>Pteridium aquilinum (L.) Kuhn</i></u>
<i>Euphorbiaceae</i>	<u><i>Croton hirtus L'Hér.</i></u>
Leguminosae- Faboideae	<i>Arachis hypogaea</i>
Leguminosae- Faboideae	<u><i>Calopogonium mucunoides</i></u>
Leguminosae- Faboideae	<u><i>Mucuna pruriens</i></u>
Leguminosae- Faboideae	<u><i>Psophocarpus scandens</i></u>
Leguminosae- Faboideae	<i>Puerania phaseoloides</i>
Leguminosae- Faboideae	<u><i>Stylosanthes guianensis</i></u>
Leguminosae- <i>Mimosoideae</i>	<u><i>Acacia auriculiformis</i></u>
Leguminosae- <i>Mimosoideae</i>	<u><i>Desmodium triflorum</i></u>
Leguminosae- <i>Mimosoideae</i>	<u><i>Mimosa invisa</i></u>
Leguminosae- <i>Mimosoideae</i>	<i>Mimosa pigra</i>
Leguminosae- <i>Mimosoideae</i>	<i>Mimosa pudica</i>
<i>Lemnaceae</i>	<u><i>Lemna aequinoctialis</i></u>
<i>Malvaceae</i>	<u><i>Ceiba pentandra</i></u>
<i>Marsileaceae</i>	<u><i>Marsilea minuta</i></u>
<i>Moringaceae</i>	<i>Moringa oleifera</i>
<i>Onagraceae</i>	<i>Ludwigia adscendens</i> subsp. <i>diffusa</i>

<i>Poaceae</i>	<u><i>Arundo donax</i></u>
<i>Poaceae</i>	<u><i>Cynodon dactylon</i></u>
<i>Poaceae</i>	<i>Cenchrus purpureus</i>
<i>Poaceae</i>	<i>Imperata cylindrica</i>
<i>Poaceae</i>	<u><i>Panicum maximum</i></u>
<i>Poaceae</i>	<u><i>Echinochloa pyramidalis</i></u>
<i>Poaceae</i>	<i>Phragmites australis</i>
<i>Pontederiaceae</i>	<u><i>Eichhornia crassipes</i></u>
<i>Typhaceae</i>	<i>Typha domingensis</i>
<i>Typhaceae</i>	<i>Typha angustifolia</i>
<i>Salviniaceae</i>	<u><i>Salvinia molesta</i></u>
<i>Solanaceae</i>	<i>Solanum tuberosum</i>
<i>Verbenaceae</i>	<u><i>Lantana camara</i></u>