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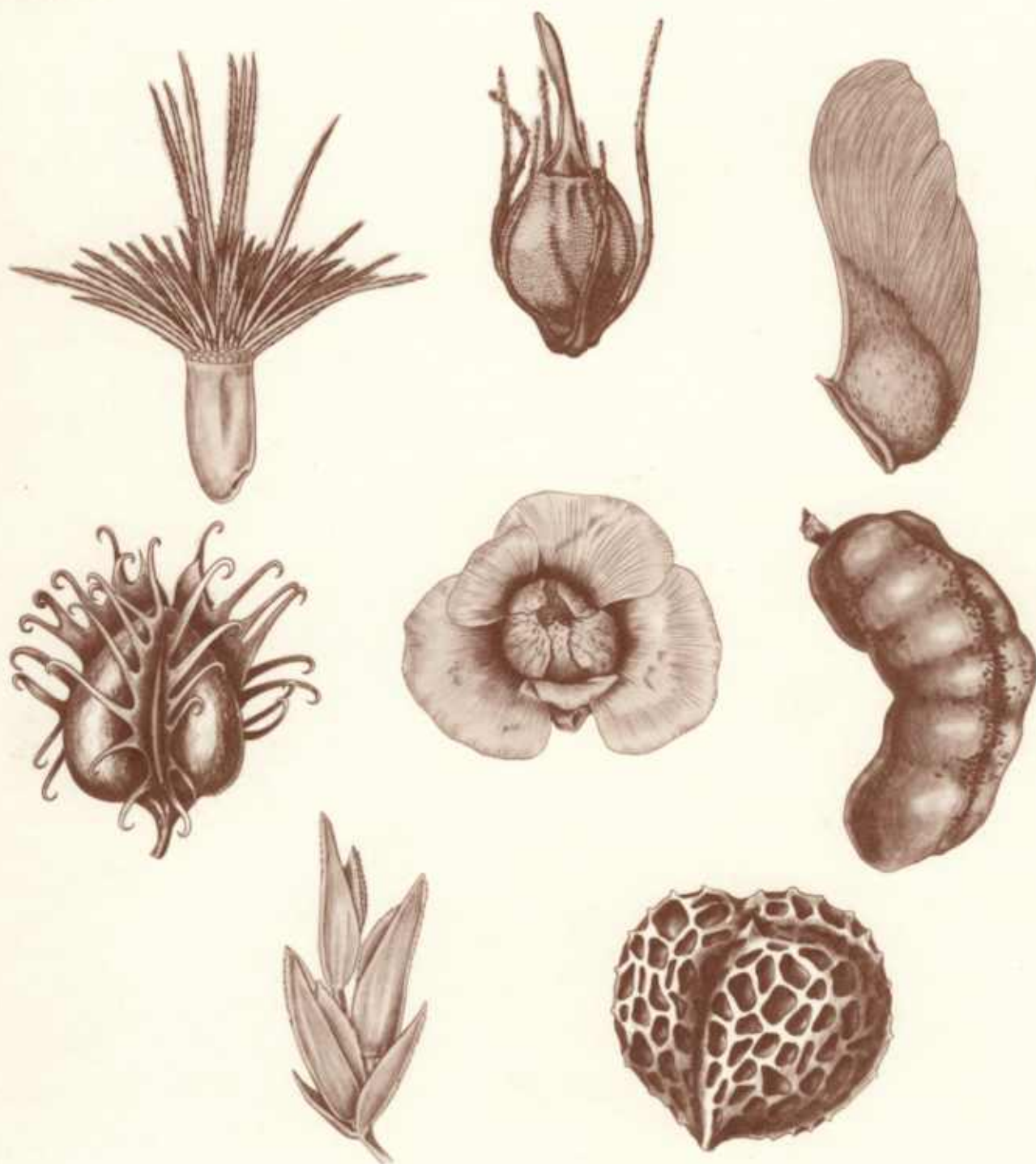


United States
Department of
Agriculture

Agricultural
Research
Service

Technical
Bulletin
Number 1719

Identification of Disseminules Listed in the Federal Noxious Weed Act



Abstract

Gunn, Charles R., and Carole A. Ritchie. 1988. Identification of disseminules listed in the Federal Noxious Weed Act. U.S. Department of Agriculture, Technical Bulletin No. 1719, 313 p.

Accurate identification of disseminules (seeds and one-seeded fruits) listed or to be listed in the Federal Noxious Weed Act is required of U.S. Department of Agriculture personnel and other agricultural scientists. This bulletin provides relevant information on their identification. New data presented also increase our knowledge of relationships of these weeds to other weeds and crops of concern to agriculture. Data are derived from extensive sampling of the disseminules of Federal noxious weeds. Selected illustrated characters facilitate the location of families of unknown disseminules in the catalog.

Keywords: Federal noxious weeds, fruit, seed.

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By
Charles R. Gunn
Carole A. Ritchie

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Identification of Disseminules Listed in the Federal Noxious Weed Act

by Charles R. Gunn and Carole A. Ritchie¹

Weeds may be the most important plant pests in U.S. agriculture. Based on a survey, 84 percent of all pesticides applied to the top 10 crops are herbicides; yield loss is estimated at \$13 billion and control costs are \$8 billion annually. Unlike other plant pests, such as insects and pathogens, weeds rarely show obvious physical signs of harm to the crop. Consequently, they are usually given less than their deserved consideration.

Williams (1980)² showed that most of the economically important weeds in U.S. agriculture are of foreign or exotic origin. Many were introduced early in the European settlement of this country and now are widespread and difficult to eradicate.

Based on the atlas of Holm et al. (1979), Gunn and Ritchie (1982) listed 846 serious and principal weeds of exotic origin not found or not widely prevalent in the United States. It is this threat of new exotic weeds that led to passage of the Federal Noxious Weed Act (FNWA). Final selection of weeds for the FNWA regulation was made by the Technical Committee to Evaluate Noxious Weeds. This committee comprises scientists from three U.S. Department of Agriculture (USDA) agencies—Agricultural Marketing Service (AMS), Agricultural Research Service (ARS), and Animal and Plant Health Inspection Service (APHIS)—universities, and the Weed Science Society of America. The committee developed the current list of weeds in the FNWA regulation, which

includes 76 taxa. It also proposed adding weeds listed in Gunn and Ritchie's report (1982). This list is the basis for weed seeds discussed in this bulletin.

Enforcement of the FNWA is the responsibility of APHIS, whose officers are stationed at U.S. ports of entry, foreign sites, and domestic locations. Their assignment is to prevent movement of exotic noxious weeds, as seeds or any other plant part, into the United States. Until now, they have used Justice and Musil (1952), Reed and Hughes (1977), and similar references to identify seeds.

The purpose of this bulletin is to provide an accurate and rapid method of identifying these 846 exotic noxious weed seeds. The illustrated catalog is the backbone of the work. Several illustrated character lists enable the users to have easy access to it.

The scientific names of the exotic noxious weeds are presented by their family names in Appendix I and by their country, region, or State (for Hawaii) of origin in Appendix II. The origin data were derived from Holm et al. (1979) and supplemented by Holm et al. (1977). Like Holm et al. (1979), we have treated Hawaii as an "exotic region or country," not as one of the 50 U.S. States, because its noxious weeds are unlike those of the other 49 States.

¹Respectively, research botanist, Systematic Botany, Mycology, and Nematology Laboratory, Agricultural Research Service, Beltsville Agricultural Research Center, Beltsville, MD 20705, and freelance botanist, Laurel, MD 20708.

²The year in parentheses after the author's name refers to Literature Cited, p. 189.

Procedures

Critical disseminules were authenticated by recent annotation labels on herbarium sheets or by a specialist of the genus. Authenticated disseminules, selected to exhibit the range of morphological characters within a species, were used to prepare the illustrations. Samples were documented either by herbarium specimens or by specimens deposited in the U.S. National Seed Herbarium, where a list of these specimens is filed.

Disseminule topography was observed at 10 to 60 magnifications, using a dissecting stereoscopic microscope equipped with an ocular micrometer. Observations above 60 magnifications were made from micrographs of a scanning electron microscope at the SEM Unit of the Beltsville Agricultural Research Center. In preparing seeds for dissection, mature seeds of representative size and shape were placed in a softening solution of 74 percent distilled water, 25 percent methyl alcohol, and 1 percent dioctyl sodium sulfosuccinate (aerosol OT) for up to 24 hours, depending on the consistency of the testa. The testa was removed with the endosperm when present prior to drawing the embryo.

Disseminules and embryos were drawn with the aid of a camera lucida fitted on a stereoscopic microscope. Illumination was provided by an above-stage fiber optic system, which split the light into one beam for the microscope and one for the camera lucida. The smallest seeds of less than 0.7 mm were drawn with the aid of the SEM micrographs.

Disseminules were illustrated using Eagle Filmograph pencil leads on Bruning Sure Scale drafting film. Some details were added using crow quill nibs and Koh-i-Noor Rapidraw ink for drafting film, and dissection outlines were made with a technical pen and ink.

All scientific names in this bulletin were derived from a report by Gunn and Ritchie (1982), which is a nomenclatural and taxonomic update of the names of 8,000 weedy taxa listed in the atlas by Holm et al. (1979). Nomenclatural updating included consulting (1) the nomenclatural file in the Systematic Botany, Mycology, and Nematology Laboratory, Beltsville, MD, (2) publications since 1960 on all major floras, and (3) selected specialists. Taxonomic updating was based on scientific journals and books and the advice of specialists.

Disseminule Morphology and Guides to Families in the Catalog

A true seed is a fertilized mature ovule that possesses an embryonic plant, stored food material (rarely missing), and a protective coat or coats. The embryo consists of one or more cotyledons, a plumule (embryonic bud), hypocotyle (stem part), and a radicle (rudimentary root) (fig. 1).

Application of the term “seed” is seldom restricted to this morphologically accurate definition. Rather, it is generally used in a functional sense, namely, as a unit of dissemination, a disseminule. In this sense, the term embraces dry, one-seeded (rarely two- to several-seeded) fruits as well as true seeds. A fruit is a mature floral ovary, which may contain one or more seeds and may include accessory floral parts.

Examples of one-seeded fruits, which are functional seeds, are as follows:

Fruit type	Family
Achene and floral envelope	Polygonaceae
Achene and pappus	Asteraceae
Carpel	Malvaceae
Caryopsis and floret	Poaceae
Endocarp, with or without exocarp	Arecaceae
Loment segment	Fabaceae
Merica	Apiaceae
Nut and cupule	Fagaceae
Samara	Ulmaceae
Utricle	Chenopodiaceae

Since at least one seed is always present within the indehiscent fruit in this list, reproduction is by true seeds.

Abuse of the word “seed” is not restricted to a functional versus a morphological definition. The term has been applied to purely vegetative propagation, in which no true seed is involved. For example, potato (*Solanum*

tuberosum Linnaeus) “seeds” of commerce are usually the eyes and adjacent tissue from potato tubers; *Poa bulbosa* Linnaeus “seeds” are bulbils; and mangrove (*Rhizophora mangle* Linnaeus) “seeds” are seedlings. Use of the term “seed” in this sense is rejected.

Because of the economic importance of the legume (Fabaceae) and grass (Poaceae) families to agriculture, their seeds and disseminules are illustrated in figures 2 and 3. Diagnostic characters, labeled in the figures, include the following: For the Fabaceae: (1) Simple hilum (Mimosoideae and Caesalpinioideae) versus complex hilum (Faboideae); (2) usually straight embryonic axis (Mimosoideae and Caesalpinioideae) versus generally curved embryonic axis (Faboideae); and (3) possible presence of pleurogram and fracture lines (Mimosoideae and Caesalpinioideae) versus their absence (Faboideae). For the Poaceae: (1) Several to many florets per spikelet (Pooideae) versus two florets per spikelet with only the upper one fertile (Panicoideae); (2) small embryo (Pooideae) versus large embryo (Panicoideae). The subfamily Panicoideae, because of its diversity, is divided into the tribes Andropogoneae and Paniceae to aid in identification of unknown disseminules by their topography. Diagnostic characters of the Panicoideae include (1) membranous fertile lemma (Andropogoneae) versus thickened fertile lemma and palea (Paniceae); (2) frequently awned lemma (Andropogoneae) versus pointed to awnless lemma (Paniceae).

In figure 4 are illustrated characters selected to facilitate the location of families in the catalog. The listing of a family name connotes that at least one genus in the family exhibits the character. Only those characters shared by fewer than 35 families are given.

Figure 1
Diagrams of a true seed and seedlike fruit: A, Bean (*Phaseolus vulgaris* Linnaeus) seed showing frontal view of micropyle, hilum, and lens; B, bean seed with one of the two cotyledons removed; C, longitudinal section of a corn (*Zea mays* Linnaeus) caryopsis (seedlike fruit).

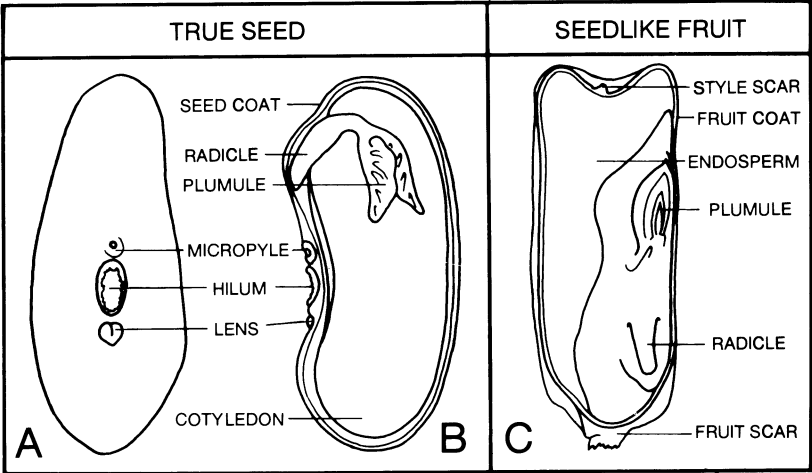


Figure 2
Seed characters for the Fabaceae.

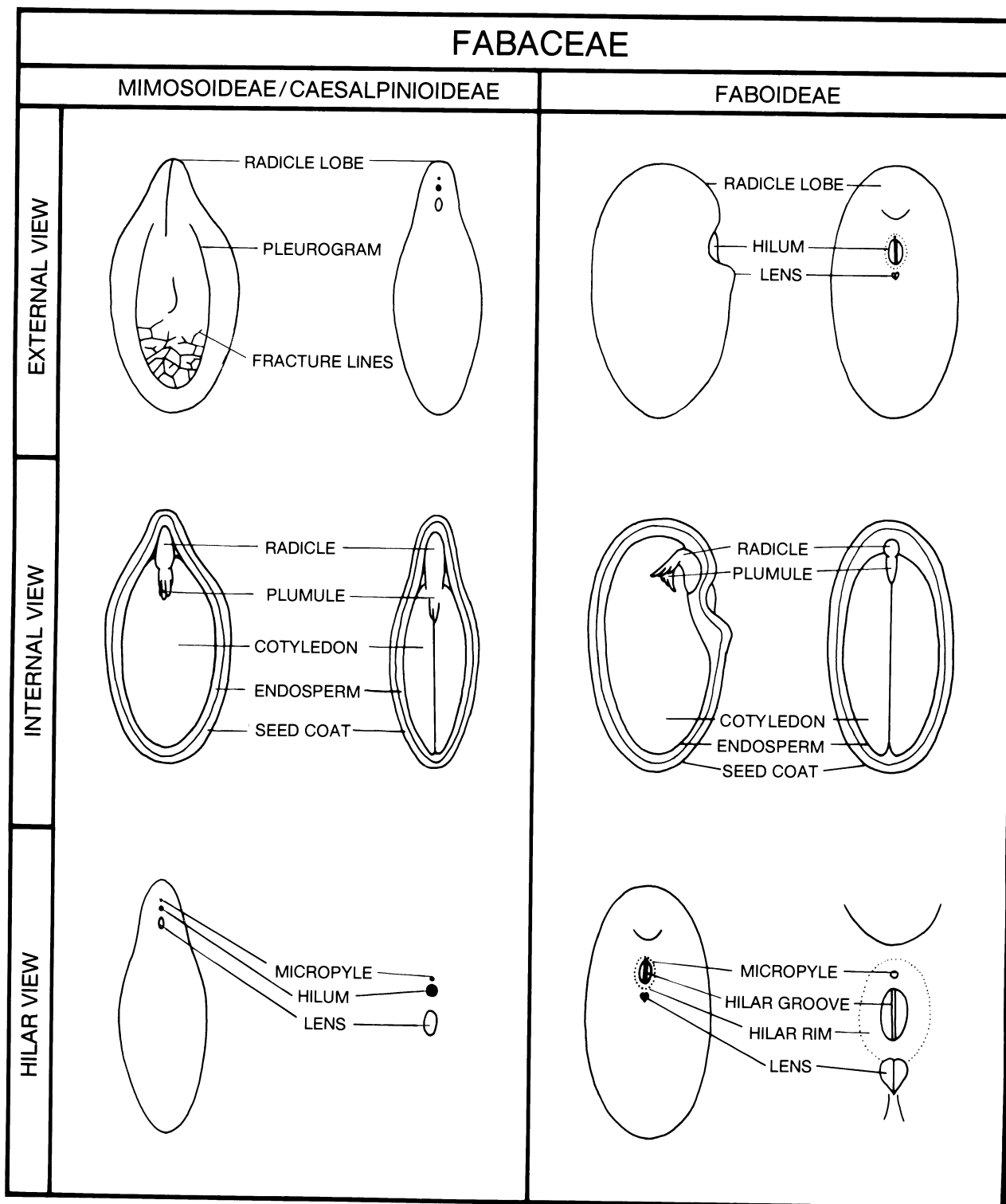


Figure 3
Disseminule characters for the Poaceae.

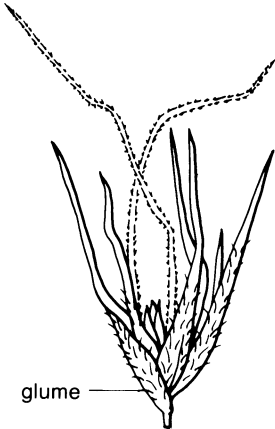
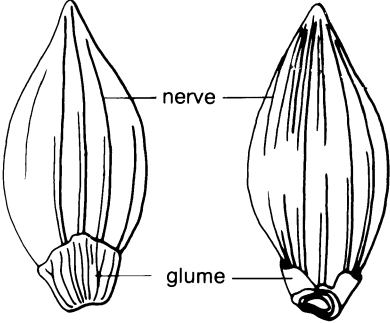
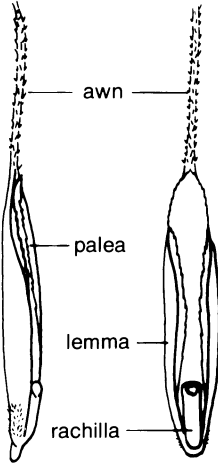
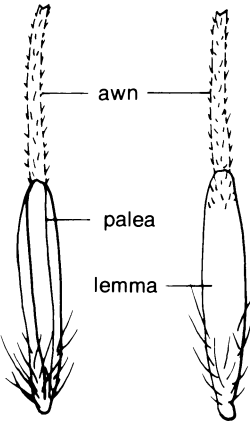
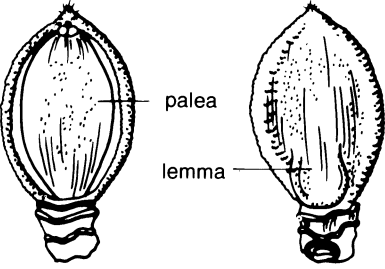
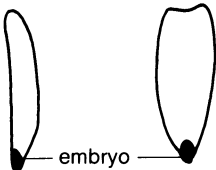
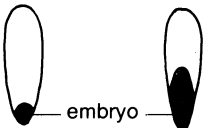
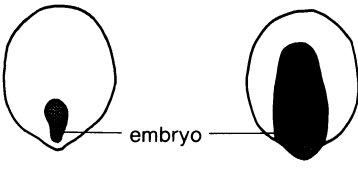
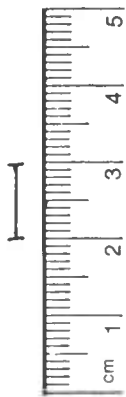
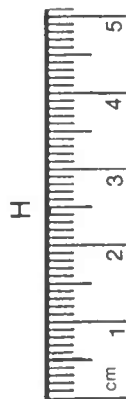
POACEAE			
POOIDEAE		PANICOIDEAE	
		ANDROPOGONEAE	PANICEAE
SPIKELET			
FLORET			
CARYOPSIS			

Figure 4
Families exhibiting selected, illustrated dis-
seminule characters.



Families with disseminules 1 cm or longer

Apiaceae
Arecaceae
Bignoniaceae
Boraginaceae
Cucurbitaceae
Dioscoreaceae
Fabaceae
Icacinaceae
Iridaceae
Malpighiaceae
Poaceae
Proteaceae
Rhamnaceae
Sapindaceae



Families with disseminules less than 1 mm long

Acanthaceae	Hydrophyllaceae	Scrophulariaceae
Aizoaceae	Juncaceae	Solanaceae
Asteraceae	Lamiaceae	
Brassicaceae	Lentibulariaceae	
Butomaceae	Lythraceae	
Campanulaceae	Melastomataceae	
Caryophyllaceae	Myrtaceae	
Clusiaceae	Onagraceae	
Cyperaceae	Orobanchaceae	
Elatinaceae	Oxalidaceae	
Eriocaulaceae	Papveraceae	
Euphorbiaceae	Poaceae	
Fabaceae	Pontederiaceae	
Gentianaceae	Portulacaceae	
Hydrocharitaceae	Rubiaceae	

Families with smooth disseminules



Amaranthaceae
Annonaceae
Asteraceae
Basellaceae
Campanulaceae
Convolvulaceae
Cucurbitaceae
Cuscutaceae
Cyperaceae
Fabaceae
Menyanthaceae
Phytolaccaceae
Polygonaceae
Solanaceae

Families with hairy disseminules

Acanthaceae
Amaranthaceae
Apocynaceae
Asclepiadaceae
Asteraceae
Chenopodiaceae
Convolvulaceae
Fabaceae
Malvaceae
Poaceae
Typhaceae
Verbenaceae
Zygophyllaceae



Families with bristly or spiny disseminules

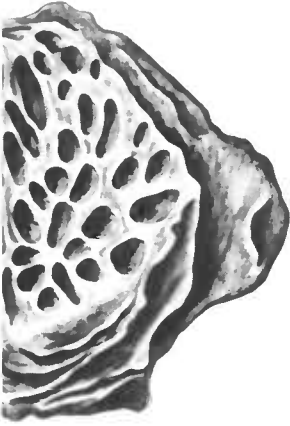
Amaranthaceae
Apiaceae
Asteraceae
Boraginaceae
Chenopodiaceae
Cucurbitaceae
Cyperaceae
Dipsacaceae
Fabaceae
Poaceae
Polygonaceae
Urticaceae



Families with warty or bumpy disseminules

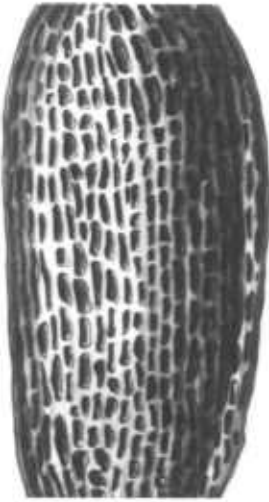
Acanthaceae	Myrtaceae
Aizoaceae	Nyctaginaceae
Apocynaceae	Poaceae
Aristolochiaceae	Portulacaceae
Asteraceae	Scrophulariaceae
Caryophyllaceae	Solanaceae
Commelinaceae	Verbenaceae
Convolvulaceae	
Cyperaceae	
Euphorbiaceae	
Fabaceae	
Haloragaceae	
Lamiaceae	
Loganiaceae	
Melastomataceae	
Menispermaceae	





Families with pitted disseminules

Asteraceae
 Chenopodiaceae
 Commelinaceae
 Lamiaceae
 Oxalidaceae
 Passifloraceae
 Rosaceae
 Rubiaceae
 Solanaceae
 Verbenaceae



Families with reticulated disseminules

Asclepiadaceae
 Brassicaceae
 Caryophyllaceae
 Clusiaceae
 Commelinaceae
 Elatinaceae
 Eriocaulaceae
 Gentianaceae
 Hydrophyllaceae
 Juncaceae
 Lamiaceae
 Myrtaceae
 Orobanchaceae
 Papaveraceae
 Pontederiaceae

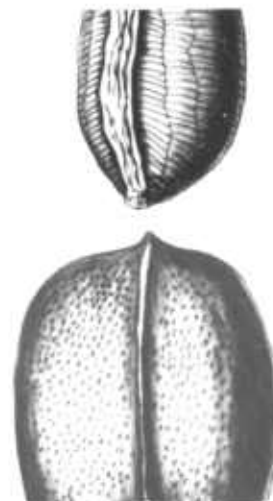


Families with rugose disseminules

Acanthaceae
 Aizoaceae
 Aponogetonaceae
 Boraginaceae
 Caryophyllaceae
 Cuscutaceae
 Cyperaceae
 Euphorbiaceae
 Fabaceae
 Icacinaceae
 Liliaceae
 Malpighiaceae
 Melastomataceae
 Poaceae
 Rubiaceae

Families with one longitudinally ridged disseminule

Acanthaceae
Bromeliaceae
Euphorbiaceae
Heliconiaceae
Icacinaceae
Lamiaceae
Lythraceae
Onagraceae
Pontederiaceae
Rubiaceae
Sterculiaceae
Tiliaceae



Families with ridged, ribbed, or grooved disseminules

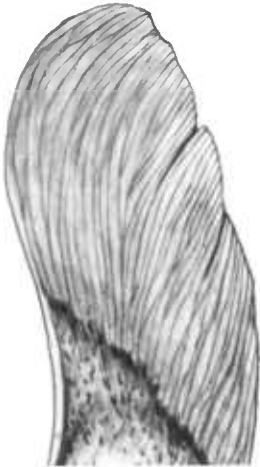
Alismataceae	Lentibulariaceae
Apiaceae	Liliaceae
Asteraceae	Nyctaginaceae
Boraginaceae	Nymphaeaceae
Bromeliaceae	Oxalidaceae
Butomaceae	Papaveraceae
Capparaceae	Poaceae
Caryophyllaceae	Polygonaceae
Commelinaceae	Pontederiaceae
Cyperaceae	Scrophulariaceae
Dipsacaceae	Sparganiaceae
Erythroxylaceae	Verbenaceae
Euphorbiaceae	
Hydrocharitaceae	
Iridaceae	



Families with horned disseminules

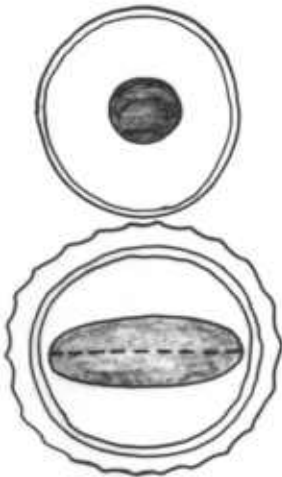
Apiaceae
Asteraceae
Malvaceae





Families with winged disseminules

Apiaceae
 Asteraceae
 Bignoniaceae
 Brassicaceae
 Chenopodiaceae
 Combretaceae
 Dioscoreaceae
 Malpighiaceae
 Polygonaceae
 Proteaceae
 Sapindaceae
 Solanaceae



Families with disseminules circular in transection

Acanthaceae	Lamiaceae
Arecaceae	Liliaceae
Asteraceae	Lythraceae
Boraginaceae	Melastomataceae
Caryophyllaceae	Myrtaceae
Cyperaceae	Najadaceae
Ebenaceae	Nymphaeaceae
Elatinaceae	Orobanchaceae
Eriocaulaceae	Papaveraceae
Euphorbiaceae	Polygonaceae
Fabaceae	Pontederiaceae
Hydrocharitaceae	Rhamnaceae
Hydrophyllaceae	Santalaceae
Iridaceae	Scrophulariaceae
Juncaceae	Urticaceae

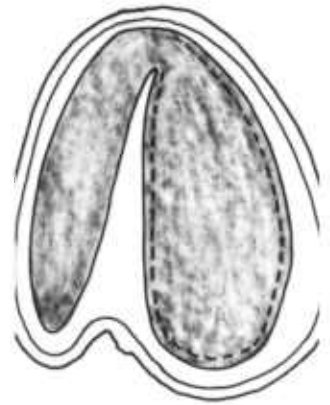


Families with disseminules triangular in transection

Asteraceae
 Boraginaceae
 Convolvulaceae
 Cyperaceae
 Euphorbiaceae
 Iridaceae
 Lamiaceae
 Liliaceae
 Malvaceae
 Polygonaceae
 Scrophulariaceae
 Verbenaceae

Families with seeds with bent embryos

Acanthaceae
Brassicaceae
Fabaceae



Families with seeds with curved embryos

Aizoaceae	Polygonaceae
Alismataceae	Portulacaceae
Amaranthaceae	Potamogetonaceae
Asteraceae	Rubiaceae
Basellaceae	Solanaceae
Butomaceae	Tiliaceae
Cactaceae	Ulmaceae
Capparaceae	
Caryophyllaceae	
Chenopodiaceae	
Euphorbiaceae	
Melastomataceae	
Menispermaceae	
Myrtaceae	
Phytolaccaceae	



Families with seeds with coiled embryos

Chenopodiaceae
Cuscutaceae
Sapindaceae
Solanaceae



Catalog

The disseminules in this section are arranged according to the family phylogenetic scheme proposed by Cronquist (1981). By doing this, families with similar disseminules are nearer each other than by using older phylogenies.

All exotic weeds included in this bulletin are in the division Magnoliophyta. Within this division, Cronquist recognized 2 classes and 11 subclasses as follows:

Class Magnoliopsida

Subclass

Magnoliidae
Hamamelidae
Caryophyllidae
Dilleniidae
Rosidae
Asteridae

Class Liliopsida

Subclass

Alismatidae
Arecidae
Commelinidae
Zingiberidae
Liliidae

Scientific names of classes end in "opsida" and of subclasses in "idae."

On each page above the drawings, the subclass name(s) is given followed by the family name(s), which ends in "aceae."

The drawings follow one of four sequences: *A-D*, when *A* is a fruit; *A-E*, when *A* and *B* are a fruit and a fruit segment or two magnifications of the same fruit; *A-D*, when *A* is a seed and two views are needed to show both sides of the same seed; and *A-C*, when *A* is a seed and one view is needed to show both sides of the seed. The last two drawings of any sequence are a longitudinal section of a seed showing the embryo in situ and a transverse section of a seed at a point midway between its apex and base. If no embryo is shown in this view, then the embryo length does not reach the midpoint of the seed. Within a box at the upper right or left of each sequence is a 1:1 drawing of the entire seed(s) or one-seeded disseminule(s). However, if *A* is drawn at 1:1, there is no box of a 1:1 drawing.

The text accompanying each drawing sequence contains the family name, scientific name with author(s), magnification(s), explanation of the drawings, and, when necessary, notes and one or more scientific names of plants in the same genus that produce similar disseminules. Therefore, one drawing sequence may represent one to several species in a genus.

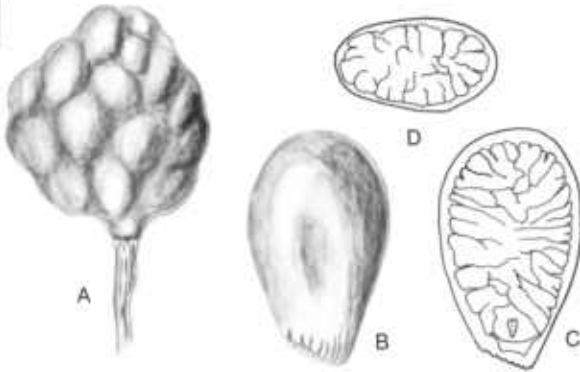
Class Magnoliopsida (dicotyledonous plants)

Magnoliidae

Annonaceae

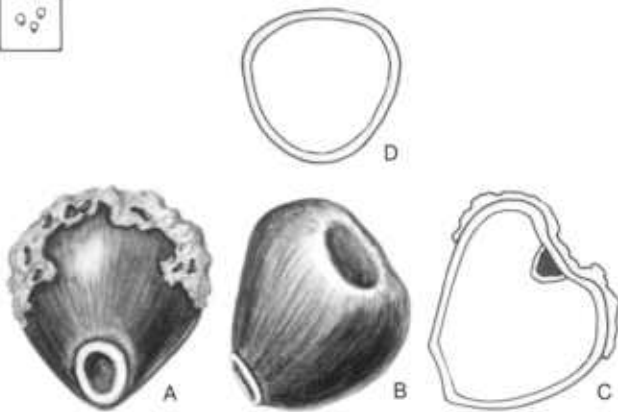
Piperaceae

Aristolochiaceae



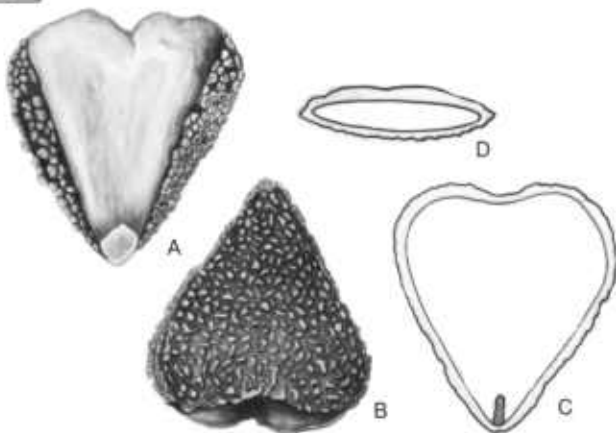
Annonaceae

Annona senegalensis Persoon (A-D). A, Fruit (X 0.6); B, seed (X 3); C, embryo in situ (X 3); D, transection of seed (X 3).



Piperaceae

Piper tuberculatum Jacquin (A-D) (X 20). A-B, Seed in two views and with and without aril; C, embryo in situ; D, transection of seed.



Aristolochiaceae

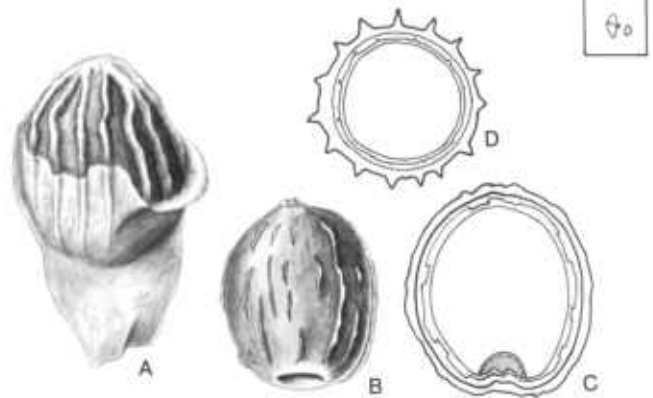
Aristolochia bracteata Retzius (A-D) (X 6). A-B, Seed in two views; C, embryo in situ; D, transection of seed.

Aristolochia maurorum Linnaeus

Nymphaeaceae

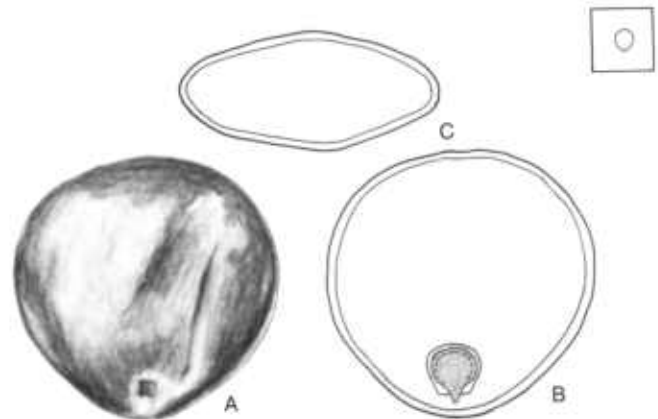
Nymphaea nouchali N.L. Burman (A-D) (X 16). A, Seed with aril; B, seed with aril removed; C, embryo in situ; D, transection of arillate seed.

Nymphaea alba Linnaeus
Nymphaea amazonum Martius & Zuccarini
Nymphaea caerulea Savignone
Nymphaea lotus Linnaeus



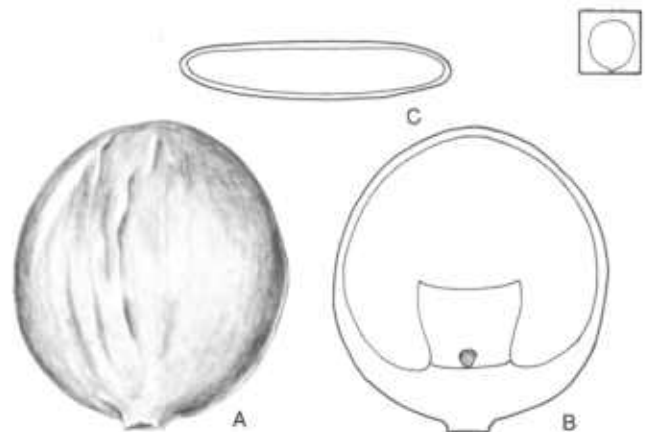
Berberidaceae

Bongardia chrysogonum (Linnaeus) Boissier (A-C) (X 12). A, Seed; B, embryo in situ; C, transection of seed.

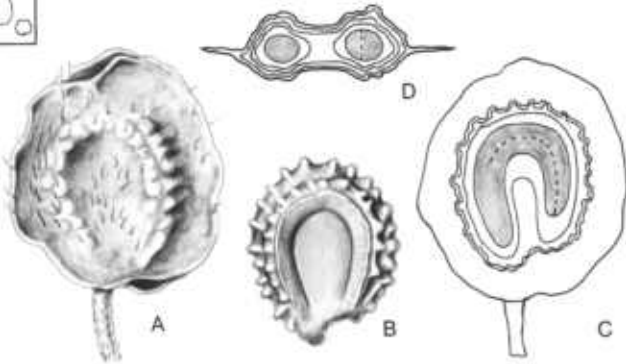


Berberidaceae

Leontice leontopetalum Linnaeus (A-C) (X 6). A, Seed; B, embryo in situ; C, transection of seed.

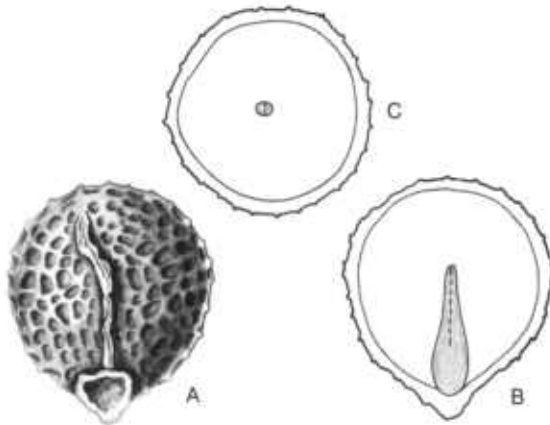


Magnoliidae
Menispermaceae
Papaveraceae



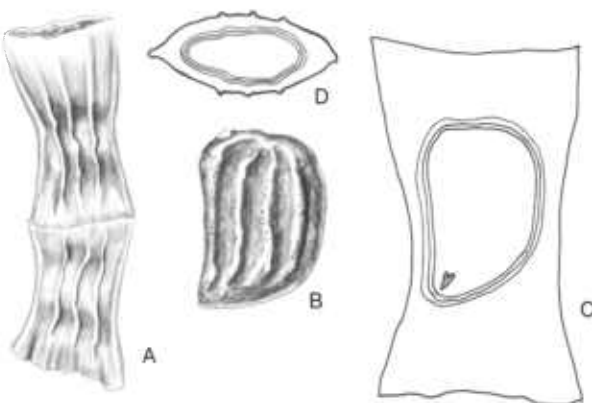
Menispermaceae

Cissampelos pareira Linnaeus (A-D) (X 6). A, Fruit; B, seed; C, embryo in situ within fruit; D, transection of fruit.



Papaveraceae

Argemone ochroleuca Sweet (A-C) (X 16). A, Seed; B, embryo in situ; C, transection of seed.

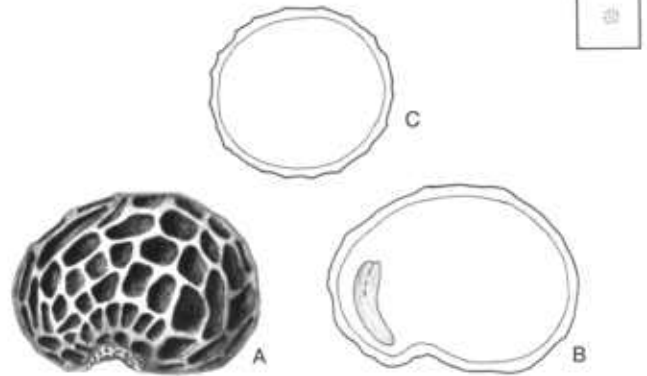


Papaveraceae

Hypecoum grandiflorum Benth (A-D). A, Two one-seeded fruit segments (X 8); B, seed (X 12); C, embryo in situ within fruit (X 12); D, transection of fruit (X 12).

Papaveraceae

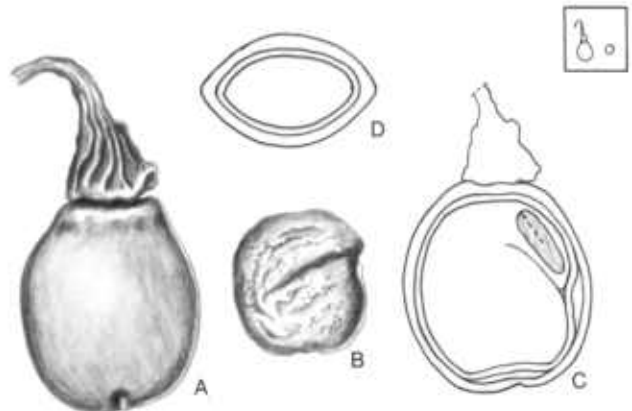
Papaver hybridum Linnaeus (A-C) (X 44).
A, Seed; B, embryo in situ; C, transection of seed.



Fumariaceae

Fumaria capreolata Linnaeus (A-D) (X 12).
A, Fruit with pedicel attached; B, seed; C, embryo in situ; D, transection of fruit.

Fumaria agraria Lagasca y Segura
Fumaria densiflora de Candolle
Fumaria micrantha Lagasca y Segura
Fumaria parviflora Lamarck

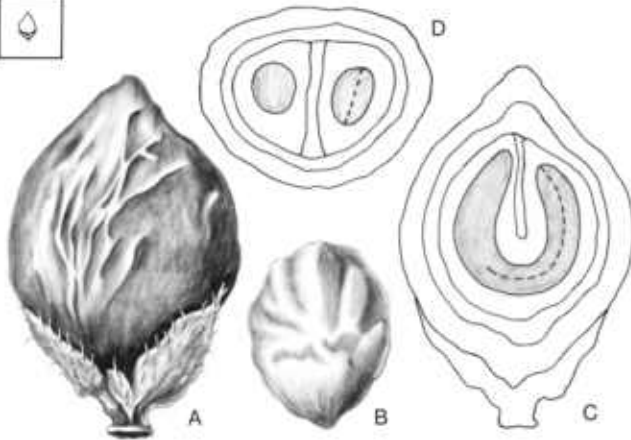


Hamamelidae

Ulmaceae

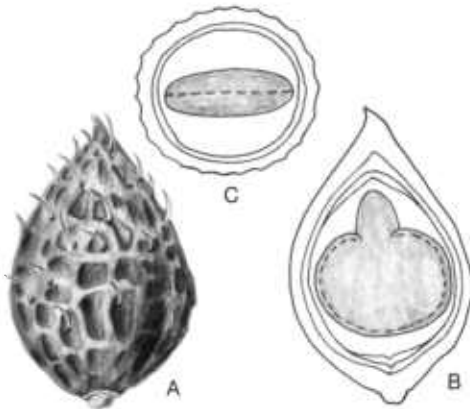
Urticaceae

Myricaceae



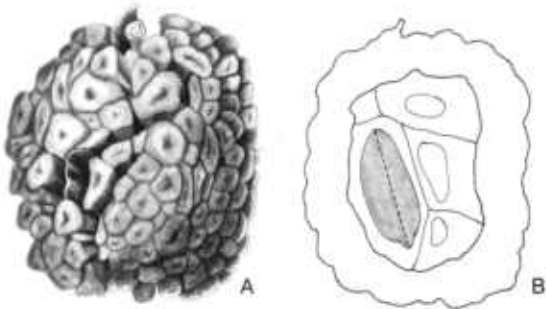
Ulmaceae

Trema aspera Blume (A-D). A, Fruit with calyx attached (X 14); B, seed (X 12); C, embryo in situ within fruit (X 14); D, transection of fruit (X 14).



Urticaceae

Australina acuminata Weddell (A-C) (X 20). A, Fruit; B, embryo in situ; C, transection of fruit.

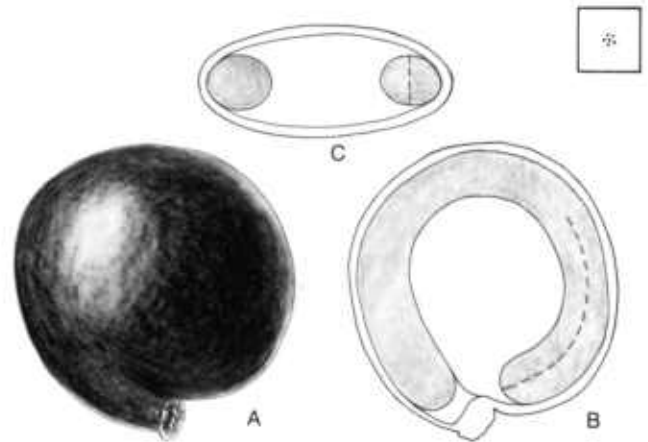


Myricaceae

Myrica faya Dryander (A-B) (X 8). A, Fruit; B, embryo in situ within fruit.

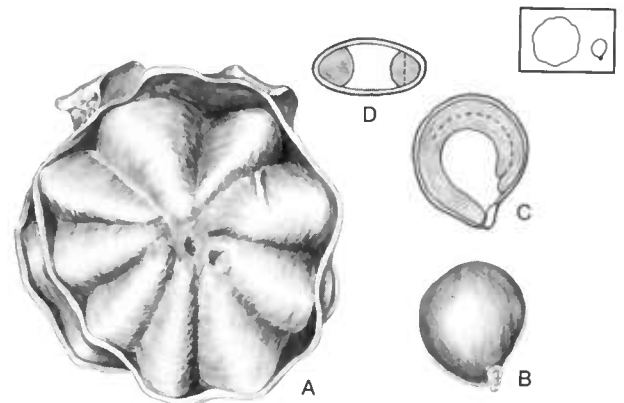
Phytolaccaceae

Gisekia africana (Loureiro) O. Kuntze (A-C) (X 38). A, Seed; B, embryo in situ; C, transection of seed.



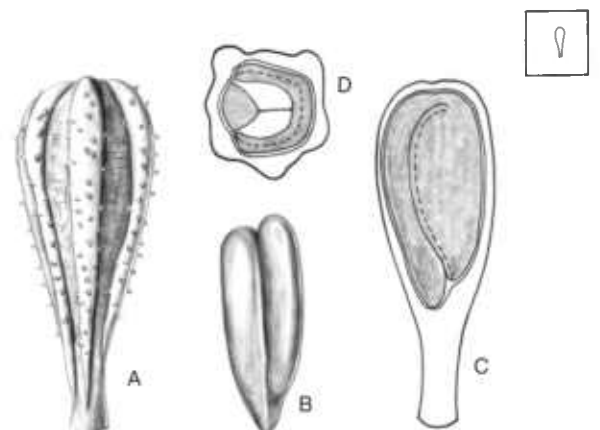
Phytolaccaceae

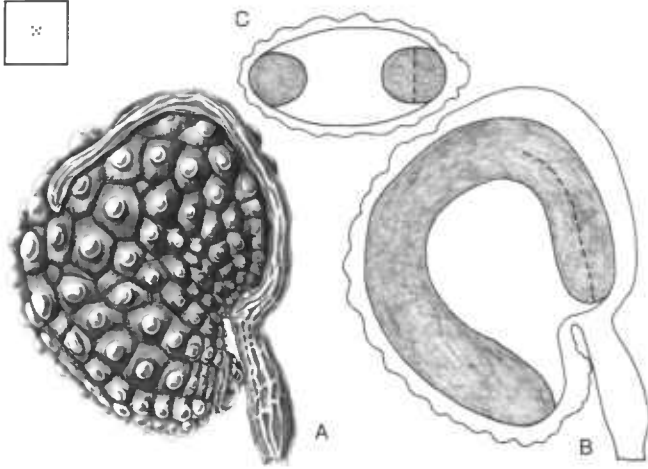
Phytolacca octandra Linnaeus (A-D) (X 6). A, Fruit; B, seed; C, embryo in situ; D, transection of seed.



Nyctaginaceae

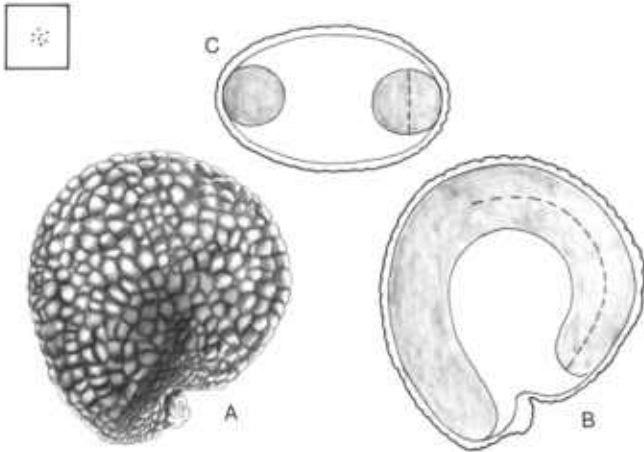
Boerhavia diffusa Linnaeus (A-D) (X 14). A, Fruit; B, seed; C, embryo in situ within fruit; D, transection of fruit.





Aizoaceae

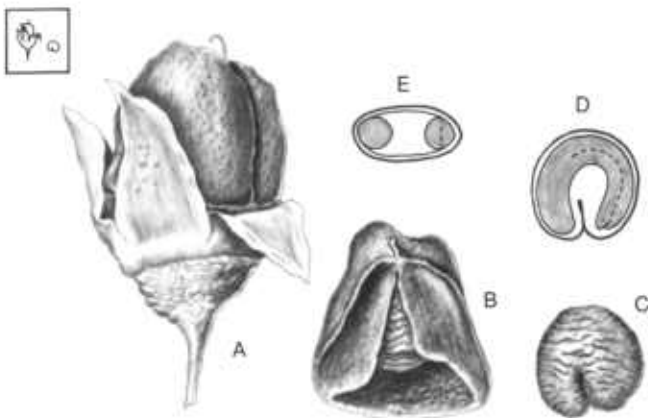
Glinus oppositifolius (Linnaeus) A. de Candolle (A-C)
(X 130). A, Seed; B, embryo in situ; C, transection of seed.



Aizoaceae

Mollugo pentaphylla Linnaeus (A-C) (X 66). A, Seed; B,
embryo in situ; C, transection of seed.

Mollugo nudicaulis Lamarck



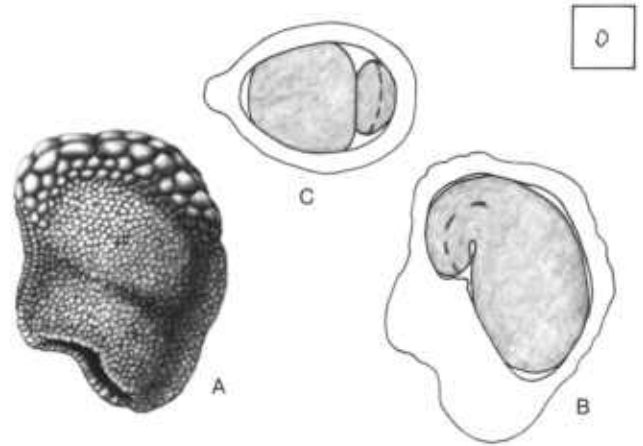
Aizoaceae

Trianthesma pentandra Linnaeus (A-E) (X 10). A, Fruit
with persistent floral parts; B, fruit segment; C, seed; D,
embryo in situ; E, transection of seed.

Trianthesma australis Melville
Trianthesma monogyna Linnaeus

Cactaceae

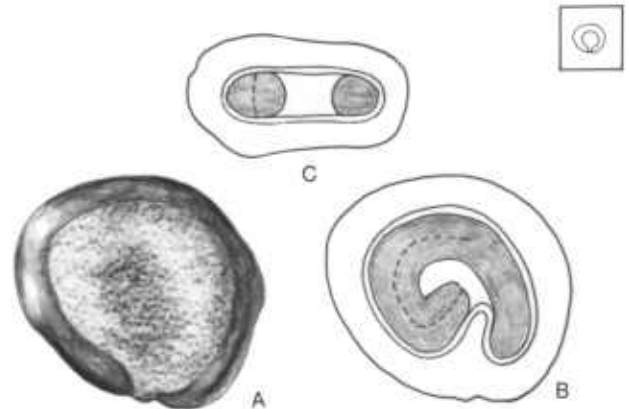
Eriocereus martinii (Labourei) Riccobono (A-C) (X 18). A, Seed; B, embryo in situ; C, transection of seed.



Cactaceae

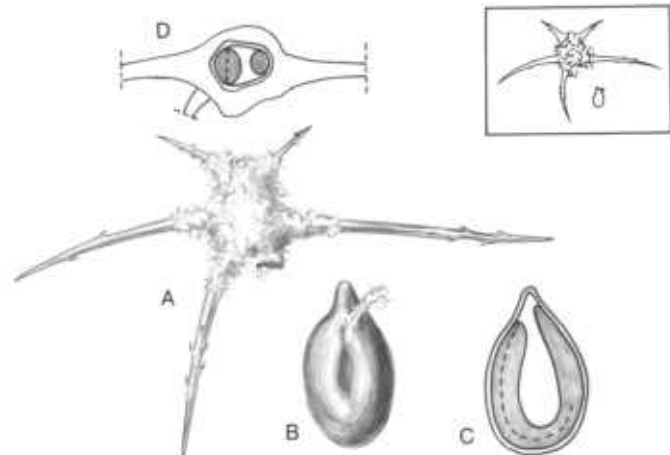
Opuntia megacantha Salm-Dyck (A-C) (X 8). A, Seed; B, embryo in situ; C, transection of seed.

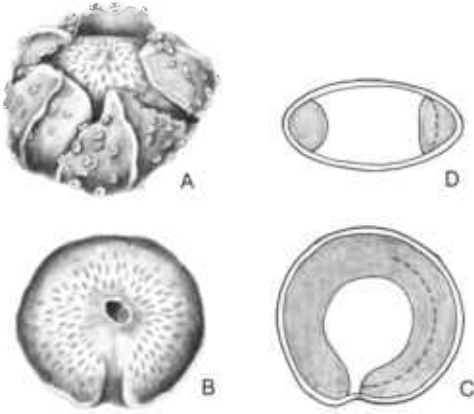
Opuntia aurantiaca Lindley (not seen)



Chenopodiaceae

Bassia birchii F. v. Mueller (A-D). A, Fruit (X 3); B, seed (X 8); C, embryo in situ (X 8); D, transection of fruit (X 3).

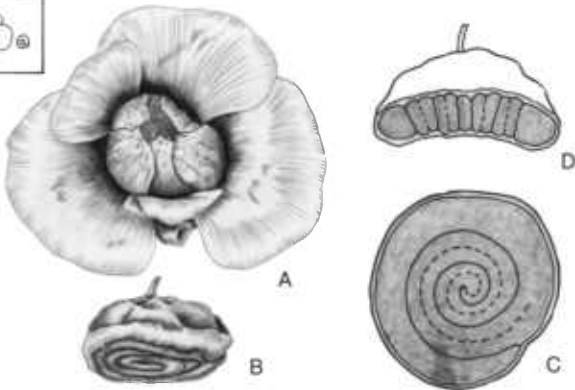




Chenopodiaceae

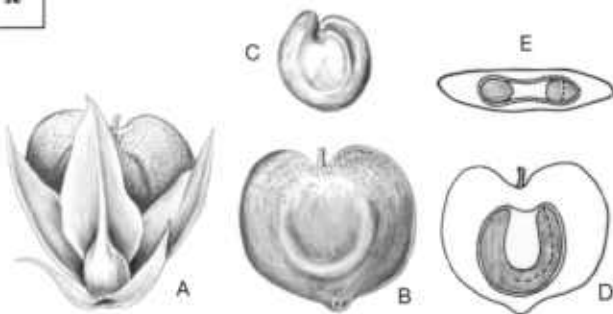
Chenopodium hircinum Schrader (A-D) (X 20). A, Fruit with persistent calyx; B, fruit with calyx removed; C, embryo in situ; D, transection of fruit.

Chenopodium fasciculosum Aellen
Chenopodium ficifolium Smith
Chenopodium paniculatum Hooker



Chenopodiaceae

Salsola vermiculata Linnaeus (A-D). A, Fruit with persistent calyx and bracteoles (X 8); B, fruit with calyx and bracteoles removed (X 8); C, embryo in situ (X 10); D, transection of fruit (X 10).



Amaranthaceae

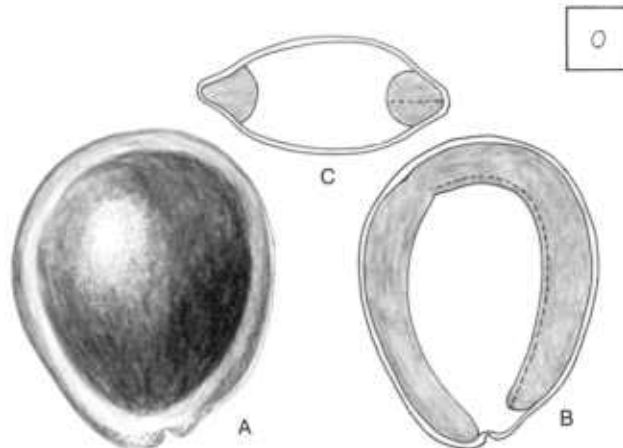
Alternanthera sessilis (Linnaeus) de Candolle (A-E) (X 14). A, Fruit with persistent calyx; B, fruit with calyx removed; C, seed; D, embryo in situ within fruit; E, transection of fruit.

Alternanthera nodiflora R. Brown

Amaranthaceae

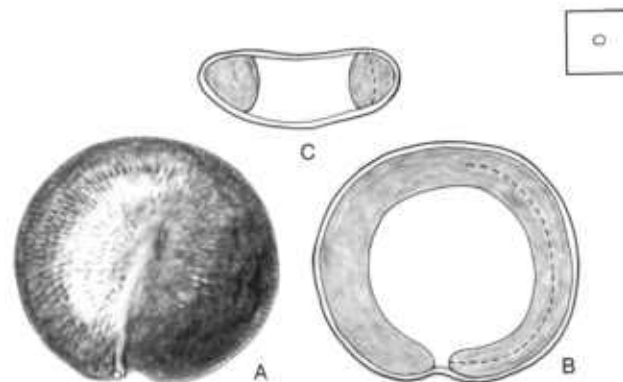
Amaranthus thunbergii Moquin-Tandon (A-C) (X 24). A, Seed; B, embryo in situ; C, transection of seed.

Amaranthus quitensis Kunth



Amaranthaceae

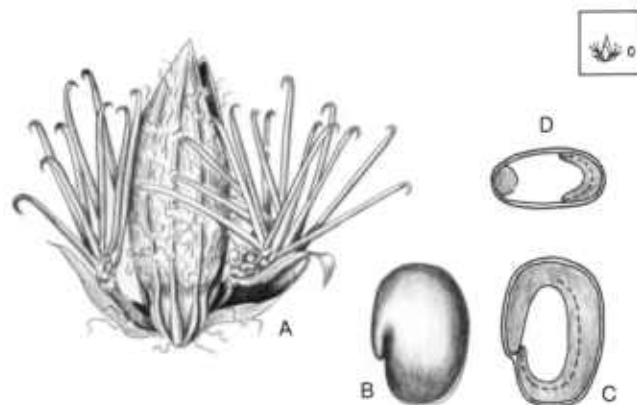
Celosia trigyna Linnaeus (A-C) (X 24). A, Seed; B, embryo in situ; C, transection of seed.

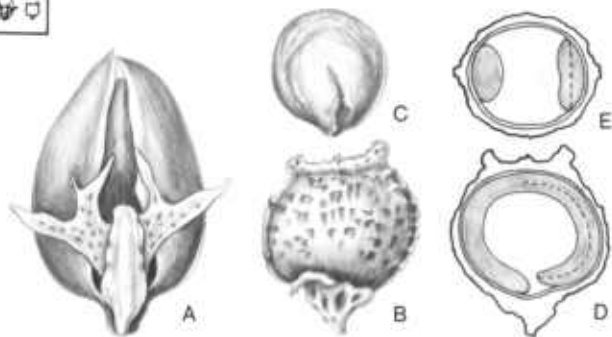


Amaranthaceae

Cyathula prostrata (Linnaeus) Blume (A-D) (X 14). A, Fruit with persistent calyx and bracteoles; B, seed; C, embryo in situ; D, transection of seed.

Cyathula cylindrica Moquin-Tandon

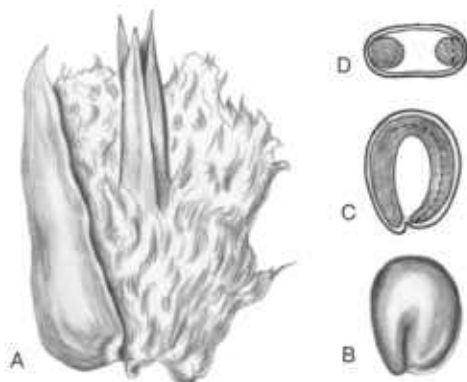




Amaranthaceae

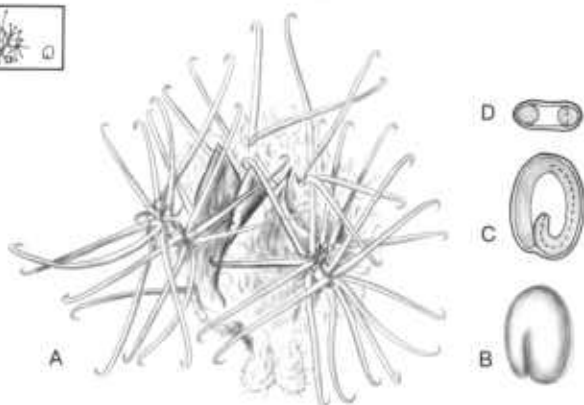
Digera muricata (Linnaeus) Martius (A-E) (X 10). A, Fruit with persistent calyx and bracteoles; B, fruit with calyx and bracteoles removed; C, seed; D, embryo in situ within fruit; E, transection of fruit.

Digera arvensis Forsskal



Amaranthaceae

Gomphrena celosioides Martius (A-D) (X 10). A, Fruit with persistent calyx and bracteoles; B, seed; C, embryo in situ; D, transection of seed.

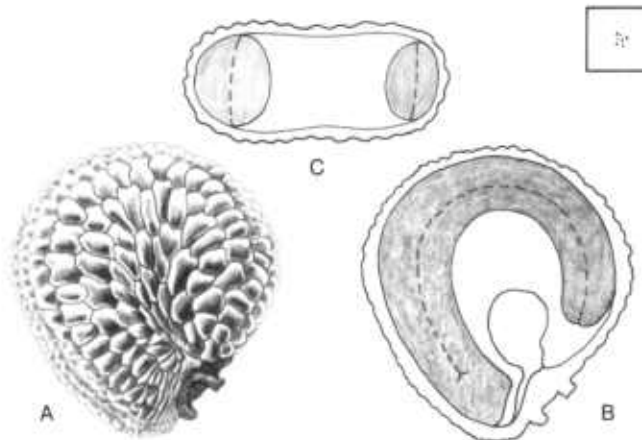


Amaranthaceae

Pupalia lappacea (Linnaeus) Jussieu (A-D) (X 6). A, Fruit with persistent calyx and bracteoles; B, seed; C, embryo in situ; D, transection of seed.

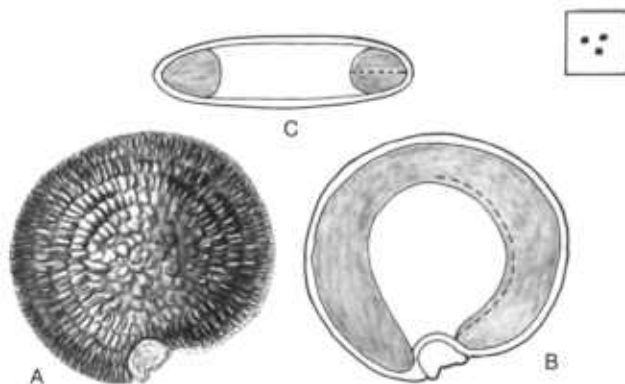
Portulacaceae

Portulaca quadrifida Linnaeus (A-C) (X 60). A, Seed; B, embryo in situ; C, transection of seed.



Portulacaceae

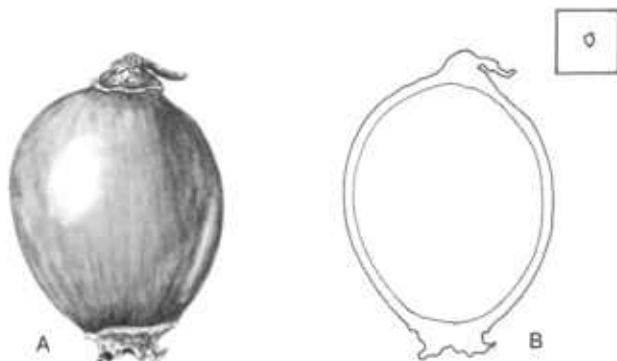
Talinum triangulare (Jacquin) Willdenow (A-C) (X 32). A, Seed; B, embryo in situ; C, transection of seed.



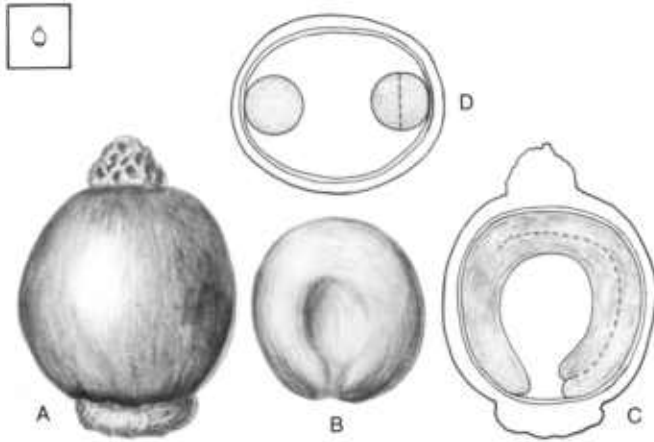
Basellaceae

Anredera cordifolia (Tenore) Steenis (A-B) (X 28). A, Fruit; B, dissection of empty fruit.

Notes: No fruits with seeds were found.

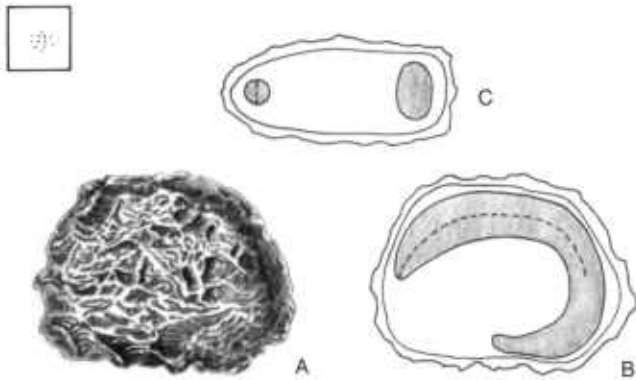


Caryophyllidae
 Basellaceae
 Caryophyllaceae



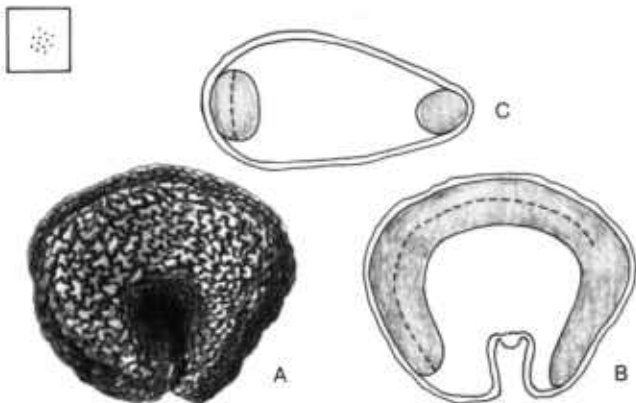
Basellaceae

Boussingaultia gracilis Miers (A-D) (X 20). A, Fruit; B, seed; C, embryo in situ within fruit; D, transection of fruit.



Caryophyllaceae

Cerastium indicum Wight & Arnott (A-C) (X 66). A, Seed; B, embryo in situ; C, transection of seed.

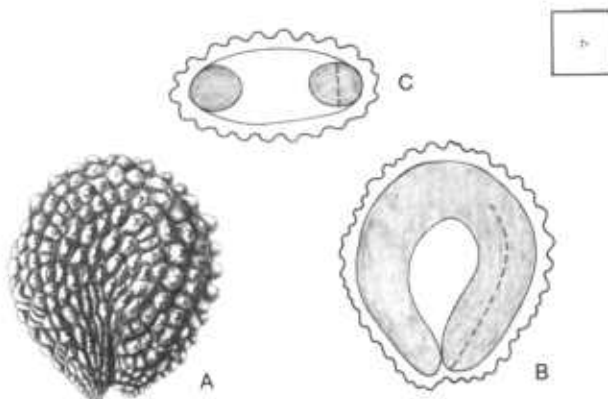


Caryophyllaceae

Drymaria arenarioides Bonpland ex Roemer & Schultes (A-C) (X 54). A, Seed; B, embryo in situ; C, transection of seed.

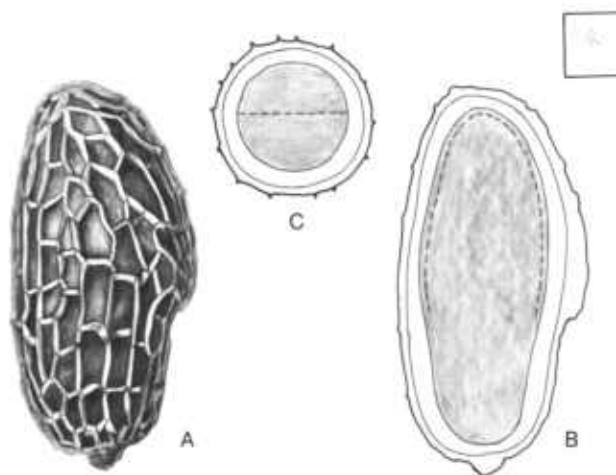
Caryophyllaceae

Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes (A-C) (X 44). A, Seed; B, embryo in situ; C, transection of seed.



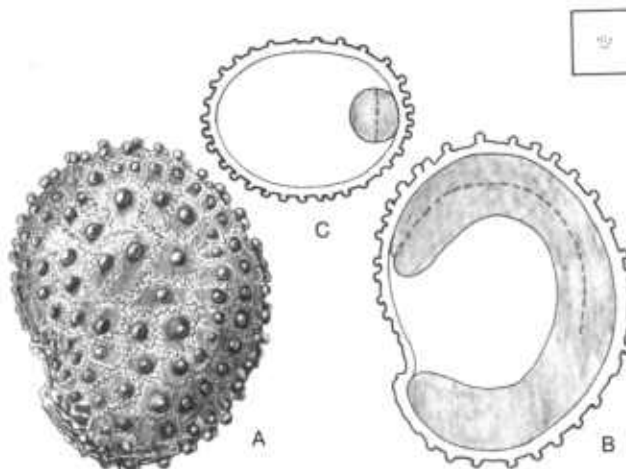
Caryophyllaceae

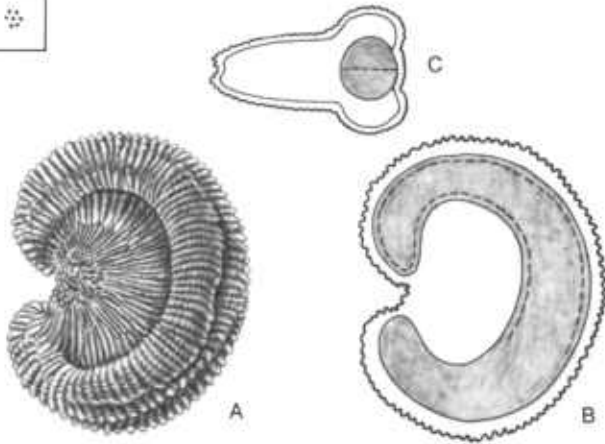
Polycarpon indicum (Retzius) Merrill (A-C) (X 110). A, Seed; B, embryo in situ; C, transection of seed.



Caryophyllaceae

Sagina japonica (Swartz) Ohwi (A-C) (X 110). A, Seed; B, embryo in situ; C, transection of seed.





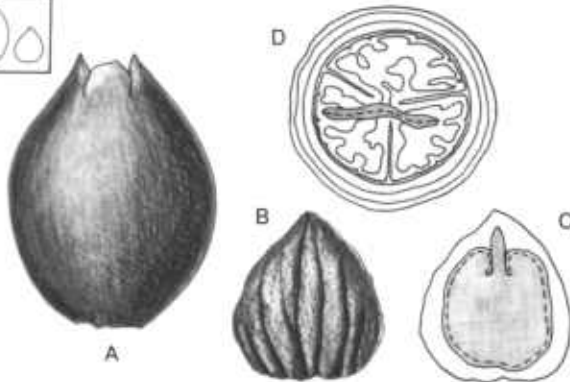
Caryophyllaceae

Silene rubella Linnaeus (A-C) (X 44). A, Seed; B, embryo in situ; C, transection of seed.

Polygonaceae

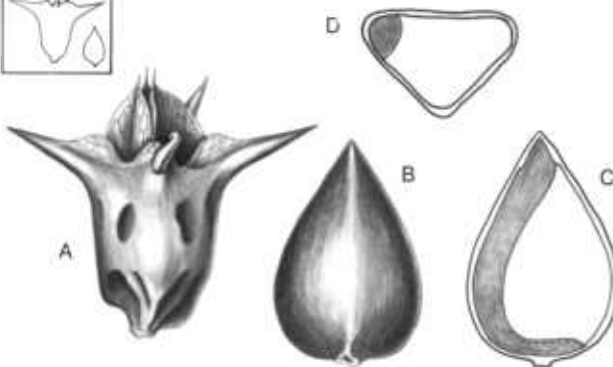
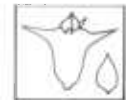
Coccoloba schiedeana Lindau (A-D) (X 4). A, Fruit with persistent floral parts; B, fruit with floral parts removed; C, embryo in situ; D, transection of fruit with persistent floral parts.

Coccoloba acapulcensis Standley



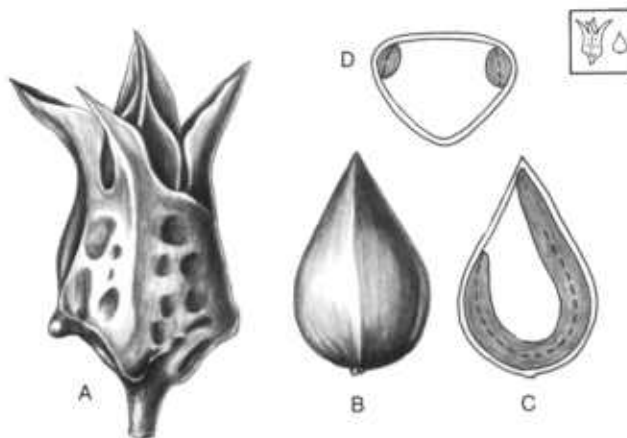
Polygonaceae

Emex australis Steinheil (A-D). A, Fruit with persistent floral parts (X 3); B, fruit with floral parts removed (X 6); C, embryo in situ (X 6); D, transection of fruit (X 6).



Polygonaceae

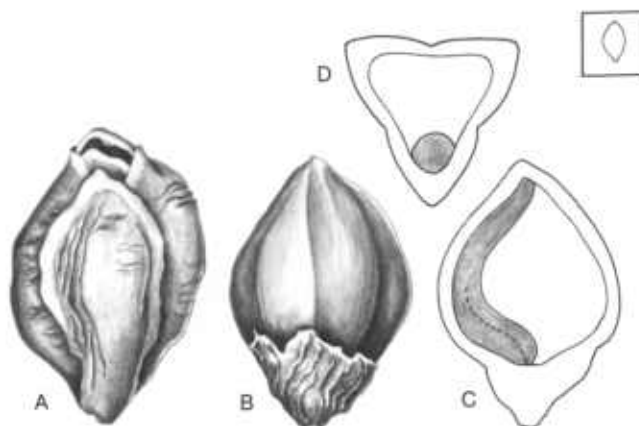
Emex spinosa (Linnaeus) Campdera (A-D) (X 10). A, Fruit with persistent floral parts; B, fruit with floral parts removed; C, embryo in situ; D, transection of fruit.



Polygonaceae

Muehlenbeckia sagittifolia Meissner (A-D) (X 8). A, Fruit with persistent floral parts; B, fruit with outer floral parts removed; C, embryo in situ; D, transection of fruit.

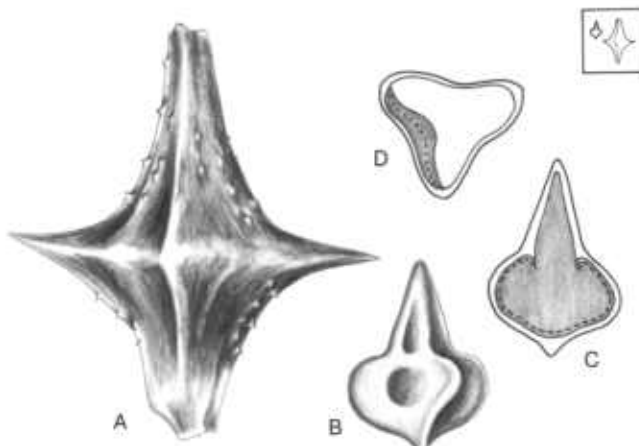
Muehlenbeckia complexa (A. Cunningham) Meissner

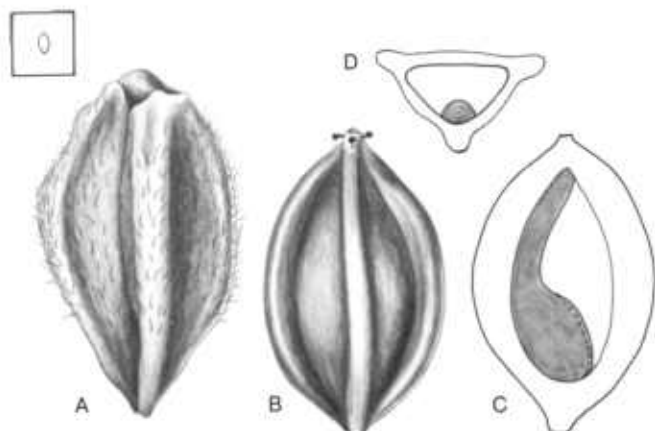


Polygonaceae

Oxygonum atriplicifolium (Meissner) Martius (A-D) (X 8). A, Fruit with persistent floral parts; B, fruit with floral parts removed; C, embryo in situ; D, transection of fruit.

Oxygonum sinuatum (Meissner) Dammer

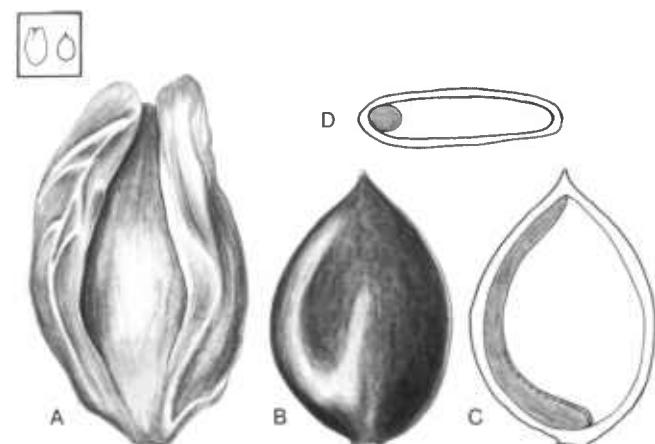




Polygonaceae

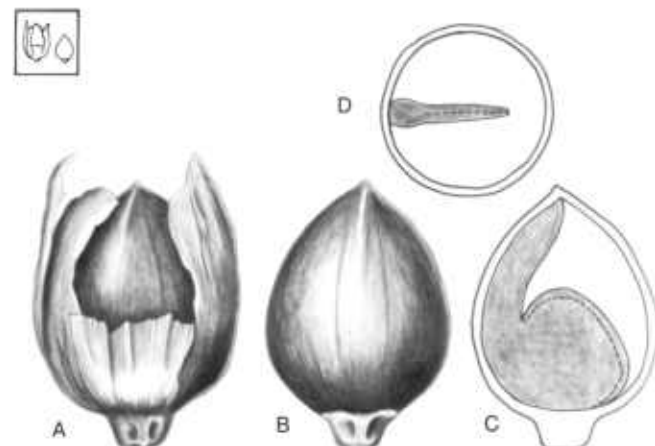
Polygonum nepalense Meissner (A-D) (X 16). A, Fruit with persistent floral parts; B, fruit with floral parts removed; C, embryo in situ; D, transection of fruit.

Polygonum plebeium R. Brown



Polygonaceae

Polygonum segetum Humboldt, Bonpland, Kunth (A-D) (X 10). A, Fruit with persistent floral parts; B, fruit with floral parts removed; C, embryo in situ; D, transection of fruit.



Polygonaceae

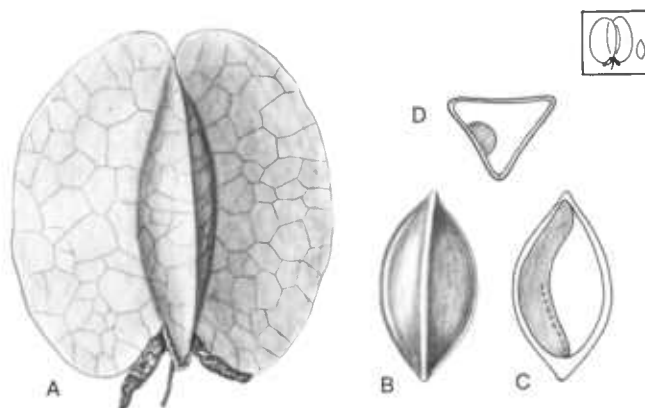
Polygonum senticosum (Meissner) Franchot & Savatier (A-D) (X 8). A, Fruit with persistent floral parts; B, fruit with floral parts removed; C, embryo in situ; D, transection of fruit.

Polygonum thunbergii Siebold & Zuccarini

Polygonaceae

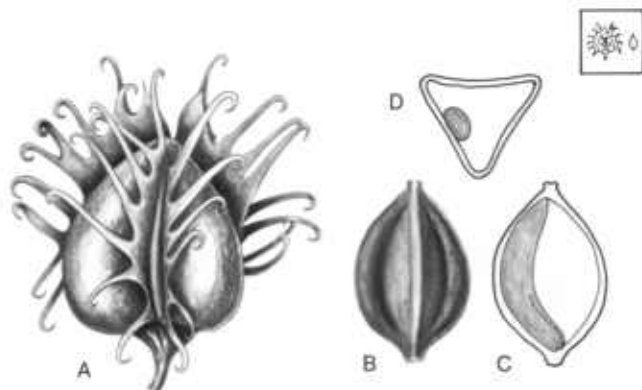
Rumex abyssinicus Jacquin (A-D) (X 8). A, Fruit with persistent floral parts; B, fruit with floral parts removed; C, embryo in situ; D, transection of fruit.

Rumex acutus Linnaeus
Rumex angiocarpus Murbeck



Polygonaceae

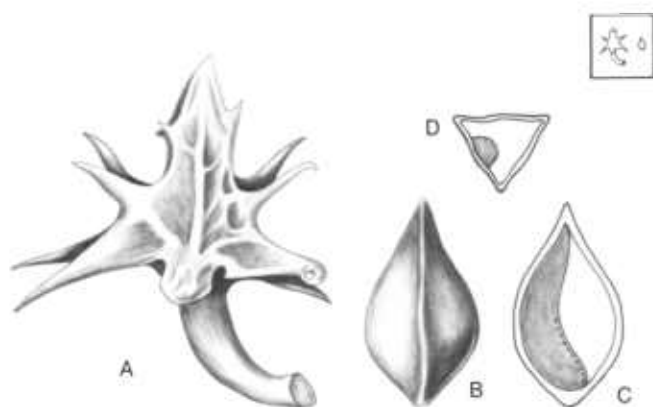
Rumex bequaerti De Wildemann (A-D) (X 10). A, Fruit with persistent floral parts; B, fruit with floral parts removed; C, embryo in situ; D, transection of fruit.



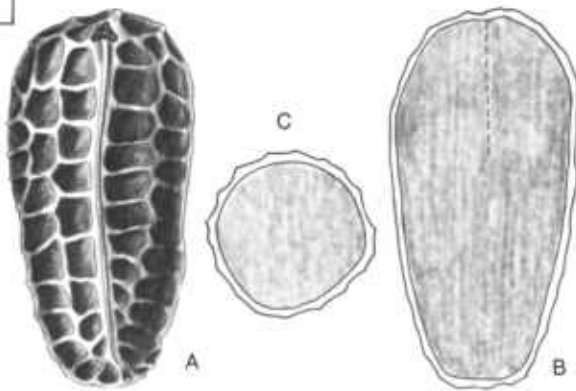
Polygonaceae

Rumex bucephalophorus Linnaeus (A-D). A, Fruit with persistent floral parts (X 10); B, fruit with floral parts removed (X 14); C, embryo in situ (X 14); D, transection of fruit (X 14).

Rumex japonicus Meissner

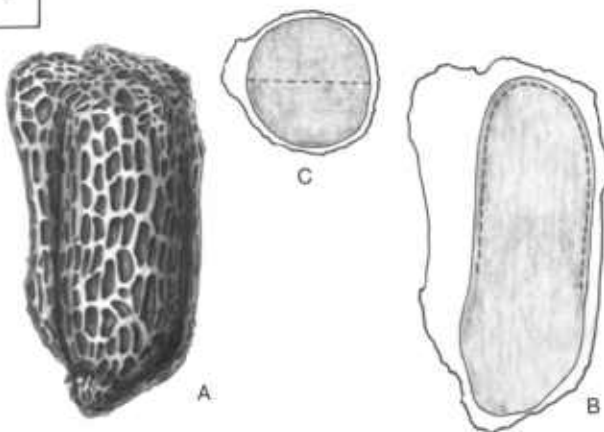


Dilleniidae
 Elatinaceae
 Clusiaceae
 Tiliaceae



Elatinaceae

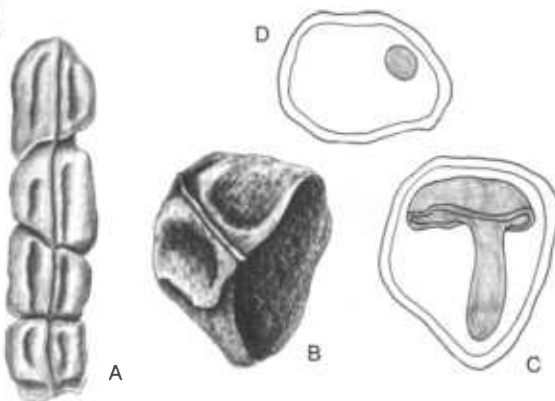
Bergia capensis Linnaeus (A-C) (X 120). A, Seed; B, embryo in situ; C, transection of seed.



Clusiaceae

Hypericum androsaemum Linnaeus (A-C) (X 56). A, Seed; B, embryo in situ; C, transection of seed.

Hypericum crispum Linnaeus



Tiliaceae

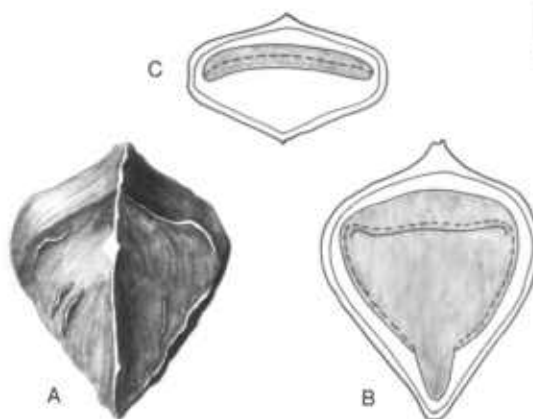
Corchorus aestuans Linnaeus (A-D). A, Chain of four seeds (seen only in *C. aestuans*) (X 10); B, seed (X 20); C, embryo in situ (X 20); D, transection of seed (X 20).

Corchorus antichorus Raeuschel
Corchorus capsularis Linnaeus
Corchorus fascicularis Linnaeus

Tiliaceae

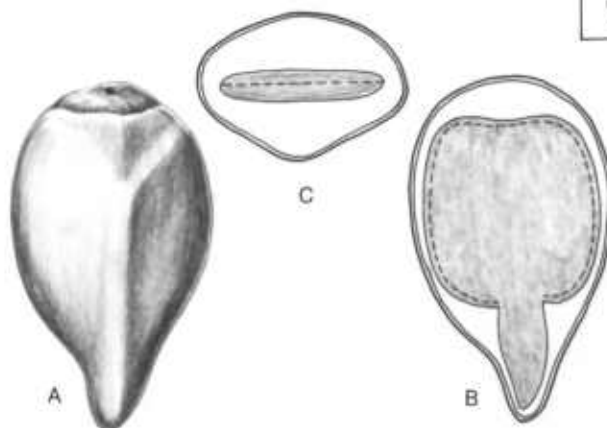
Corchorus olitorius Linnaeus (A-C) (X 16). A, Seed; B, embryo in situ; C, transection of seed.

Corchorus tridens Linnaeus
Corchorus trilocularis Linnaeus



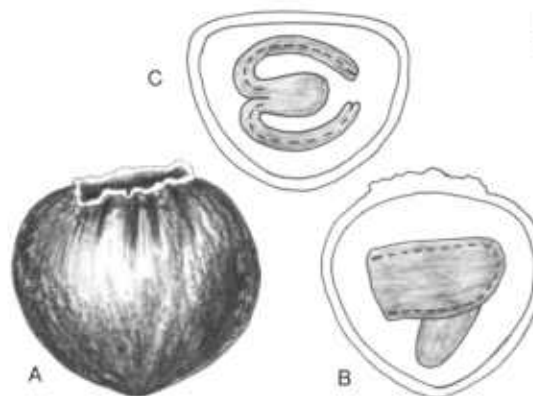
Tiliaceae

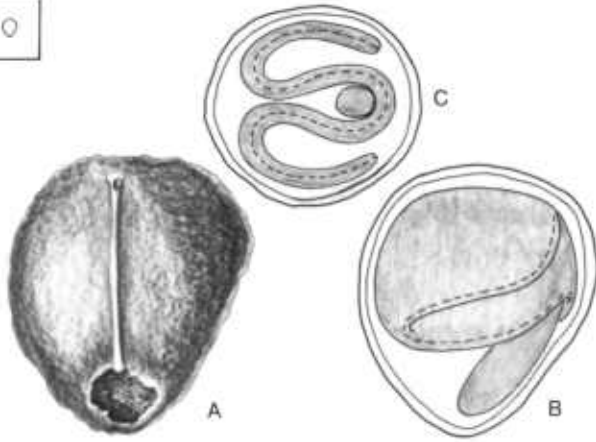
Triumfetta rhomboidea Jacquin (A-C) (X 16). A, Seed; B, embryo in situ; C, transection of seed.



Sterculiaceae

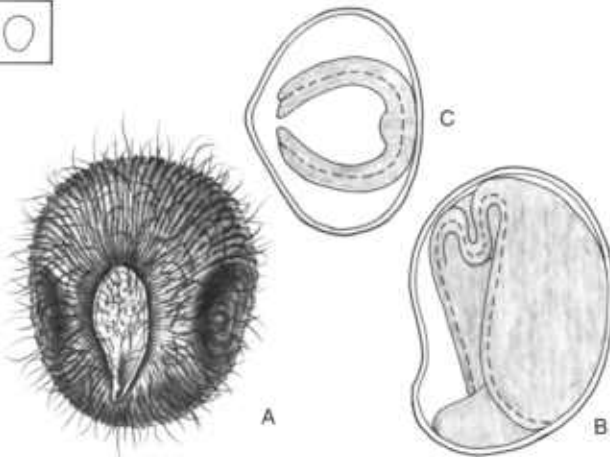
Dombeya rotundifolia Planchon (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.





Sterculiaceae

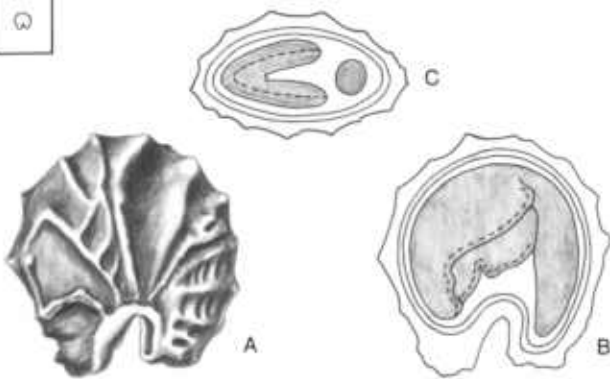
Pentapetes phoenicea Linnaeus (A-C) (X 16). A, Seed; B, embryo in situ; C, transection of seed.



Malvaceae

Hibiscus ficulneus Linnaeus (A-C) (X 8). A, Seed; B, embryo in situ; C, transection of seed.

Hibiscus obtusilobus Garcke



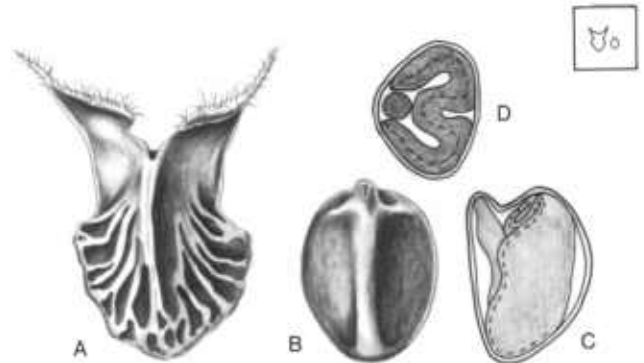
Malvaceae

Malvastrum peruvianum (Linnaeus) A. Gray (A-C) (X 16). A, Seed; B, embryo in situ; C, transection of seed.

Malvaceae

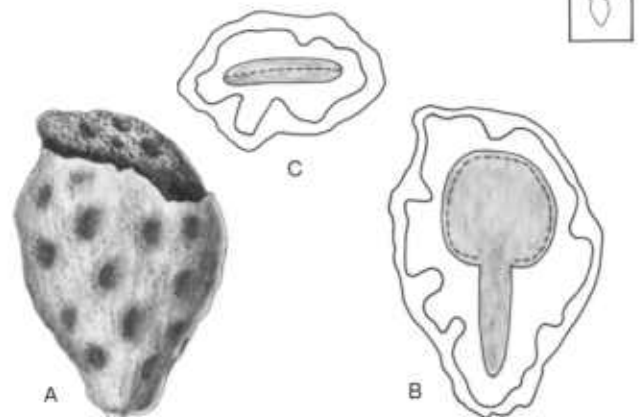
Sida angustifolia Linnaeus (A-D) (X 16). A, Fruit segment; B, seed; C, embryo in situ; D, transection of seed.

Sida stipulata Cavanilles



Passifloraceae

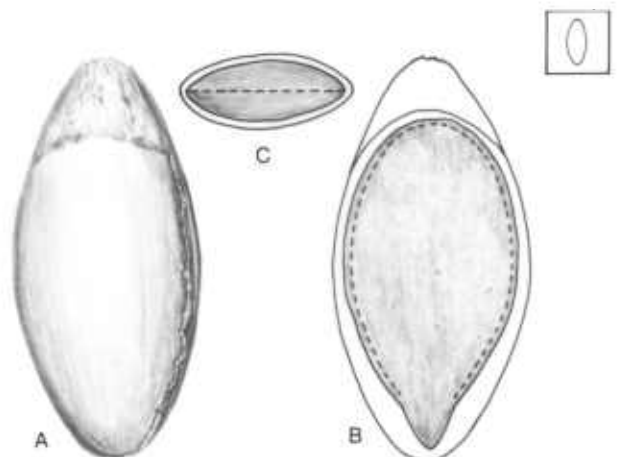
Passiflora suberosa Linnaeus (A-C) (X 14). A, Seed; B, embryo in situ; C, transection of seed.



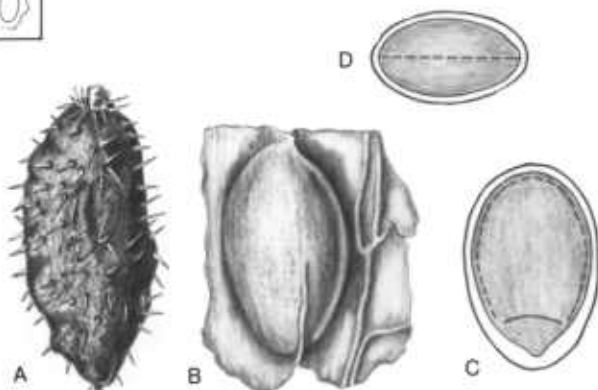
Cucurbitaceae

Cucumis myriocarpus Naudin (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.

Cucumis metuliferus E. Meyer ex Schrader

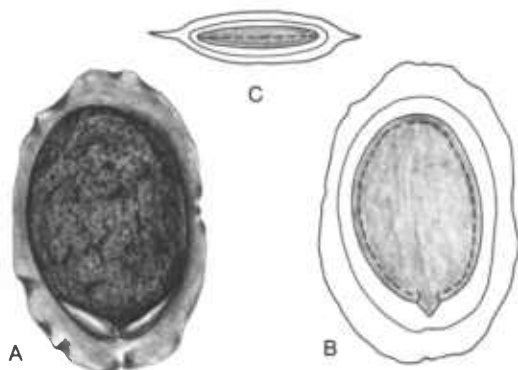


Dilleniidae
Cucurbitaceae



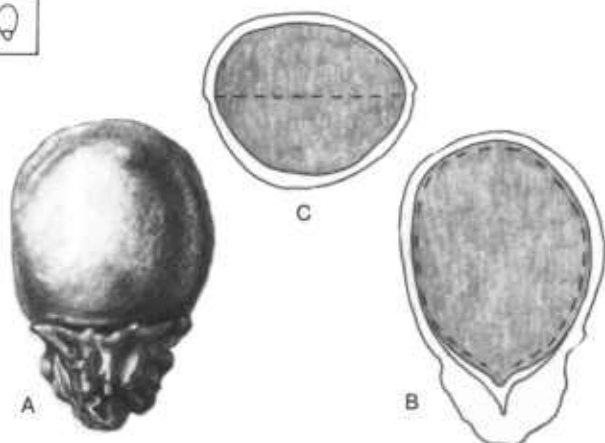
Cucurbitaceae

Ecballium elaterium (Linnaeus) A. Richard (A-D). A, Fruit (X 1.6); B, seed embedded in dried pulp (X 8); C, embryo in situ (X 8); D, transection of seed (X 8).



Cucurbitaceae

Luffa aegyptiaca Miller (A-C) (X 4). A, Seed; B, embryo in situ; C, transection of seed.



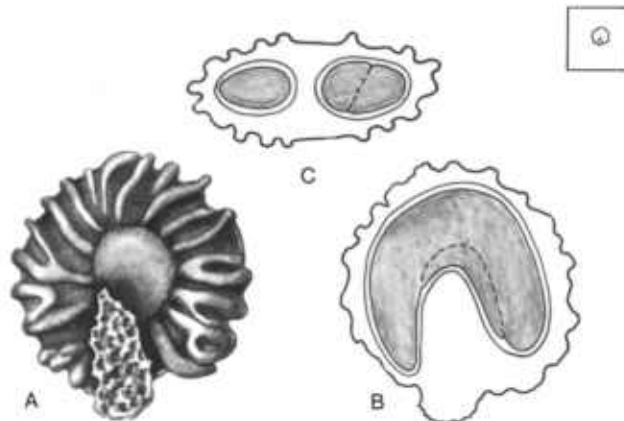
Cucurbitaceae

Momordica tuberosa (Roxburgh) Cogniaux (A-C) (X 6). A, Seed with aril; B, embryo in situ; C, transection of seed.

Capparaceae

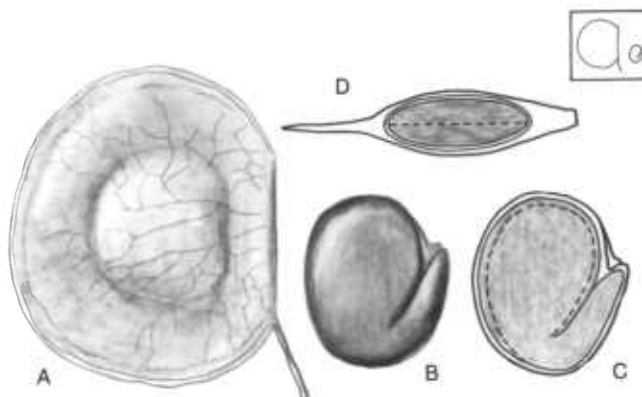
Cleome rutidosperma de Candolle (A-C) (X 18). A, Seed; B, embryo in situ; C, transection of seed.

Cleome burmannii Wight & Arnott
Cleome monophylla Linnaeus
Cleome viscosa Linnaeus



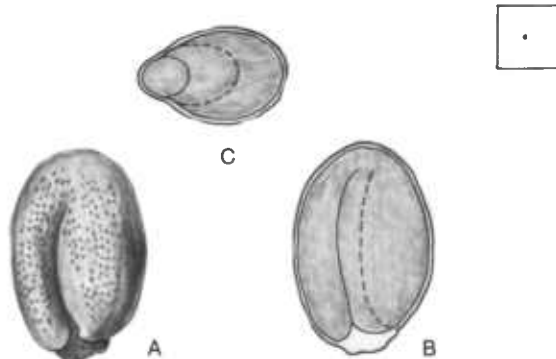
Brassicaceae

Biscutella didyma Linnaeus (A-D). A, Fruit segment (X 6); B, seed (X 10); C, embryo in situ (X 10); D, transection of fruit segment (X 10).



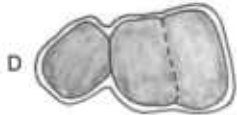
Brassicaceae

Diplotaxis eruroides (Linnaeus) de Candolle (A-C) (X 34). A, Seed; B, embryo in situ; C, transection of seed.





A



D



B



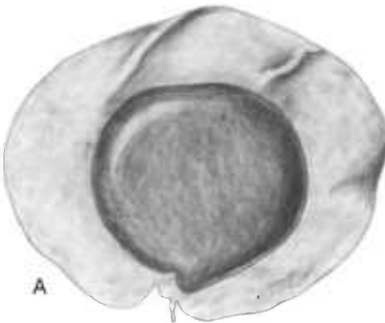
C

Brassicaceae

Erucaria aleppica Gaertner (A-D). A, Fruit (X 4); B, seed (X 30); C, embryo in situ (X 30); D, transection of seed (X 30).



C



A



B

Brassicaceae

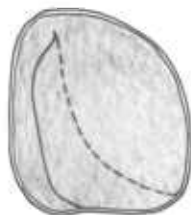
Farsetia stenoptera Hochstetter (A-C) (X 14). A, Seed; B, embryo in situ with wing of seed removed; C, transection of seed.



A



C



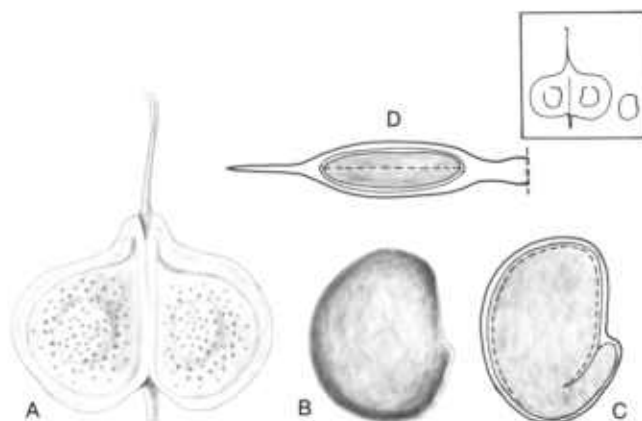
B

Brassicaceae

Hirschfeldia incana (Lowe) Lagreze-Fossat (A-C) (X 28). A, Seed; B, embryo in situ; C, transection of seed.

Brassicaceae

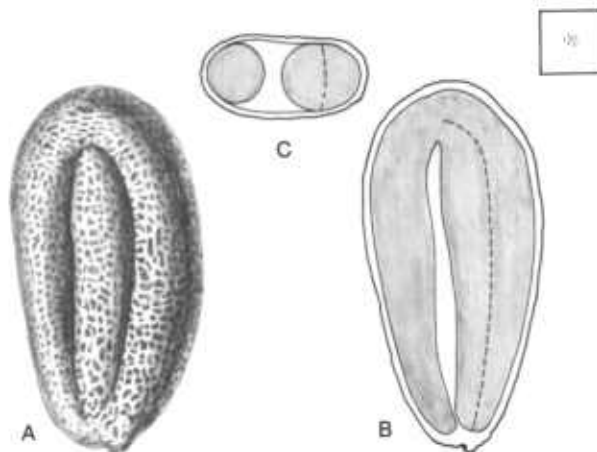
Iondraba auriculata (Linnaeus) Schulz (A-D). A, Fruit (X 3); B, seed (X 6); C, embryo in situ (X 6); D, transection of fruit segment (X 6).



Brassicaceae

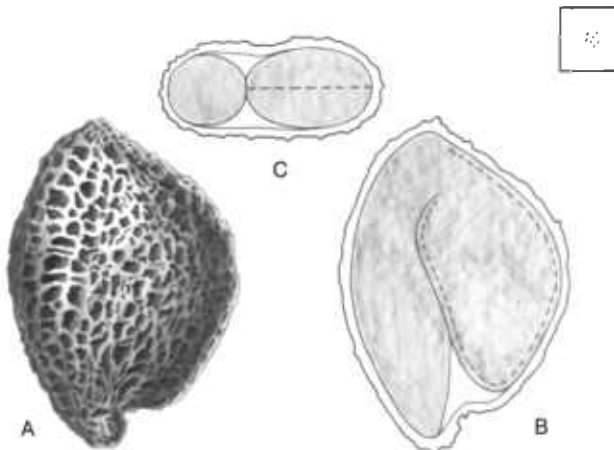
Lepidium schinzii Thellung (A-C) (X 54). A, Seed; B, embryo in situ; C, transection of seed.

Lepidium bipinnatifidum Desvaux
Lepidium chalepense Linnaeus

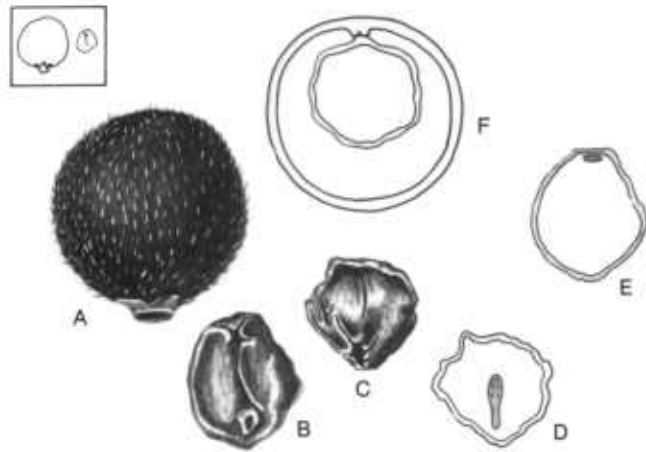


Brassicaceae

Rorippa indica (Linnaeus) Hiern (A-C) (X 66). A, Seed; B, embryo in situ; C, transection of seed.

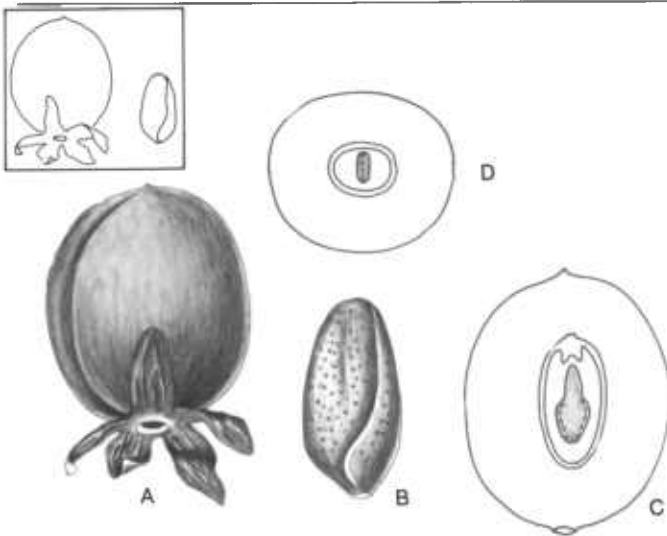


Dilleniidae
Ebenaceae



Ebenaceae

Euclea divinorum Hiern (A-F) (X 4). A, Fruit; B-C, seed in two views; D, embryo in situ; E, transection of seed; F, transection of fruit showing seed attachment.

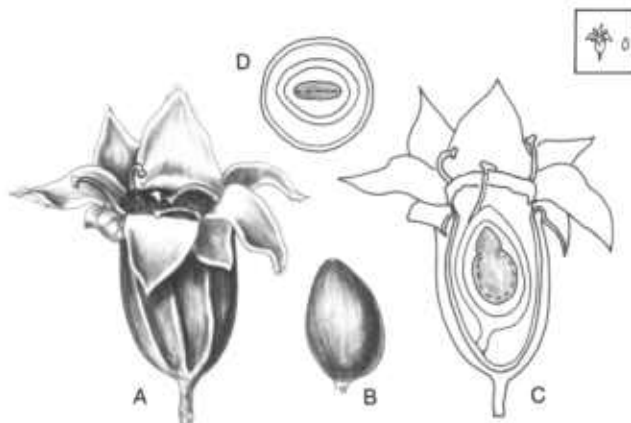


Ebenaceae

Royena sericea Bernhadi (A-D). A, Fruit (X 2); B, seed (X 3); C, embryo in situ within fruit (X 2); D, transection of fruit (X 2).

Rosaceae

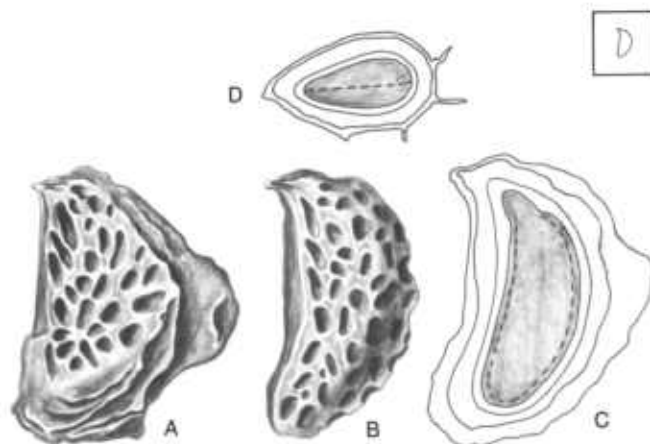
Alchemilla gracilipes Engler (A-D) (X 10). A, Fruit with persistent floral parts; B, fruit with floral parts removed; C, embryo in situ; D, transection of fruit with persistent floral parts.



Rosaceae

Rubus fruticosus Linnaeus (A-D) (X 12). A, One fruit from multiple fruit; B, endocarp with dried part of fruit removed; C, embryo in situ; D, transection of fruit.

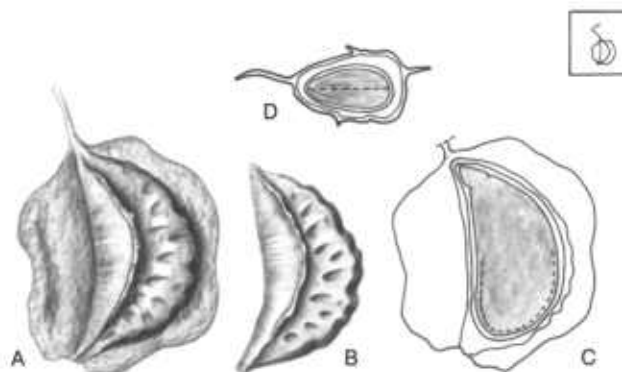
Rubus alceaefolius Poiret
Rubus caesius Linnaeus

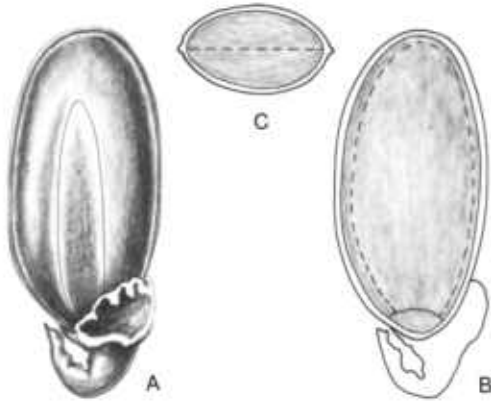


Rosaceae

Rubus moluccanus Linnaeus (A-D) (X 12). A, One fruit from multiple fruit; B, endocarp with dried part of fruit removed; C, embryo in situ; D, transection of fruit.

Rubus penetrans L.H. Bailey
Rubus ulmifolius Schott



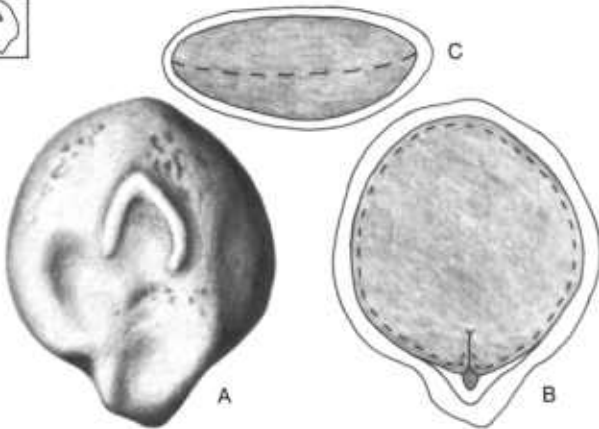


Fabaceae
Mimosoideae

Acacia armata R. Brown (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.

Acacia karoo Hayne

Notes: Seeds with arils.



Fabaceae
Mimosoideae

Acacia heteracantha Burchell (A-C) (X 6). A, Seed; B, embryo in situ; C, transection of seed.

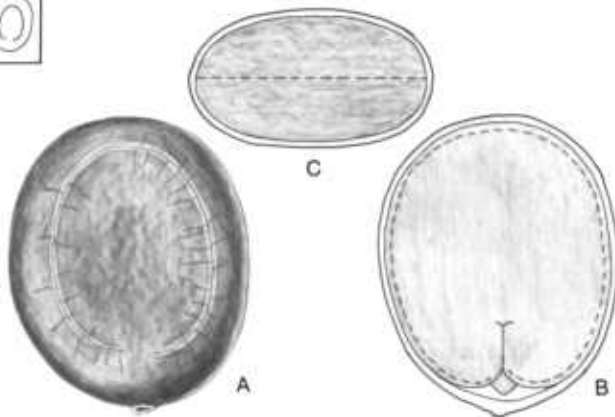
Acacia drepanolobium (Harms) Sjostedt

Acacia gerrardii Benth

Acacia harpophylla F. v. Mueller ex Benth

Acacia hockii De Wildemann

Notes: Seeds without arils.



Fabaceae
Mimosoideae

Acacia nilotica (Linnaeus) Delile (A-C) (X 5). A, Seed; B, embryo in situ; C, transection of seed.

Acacia mangium Willdenow

Acacia mellifera (Vahl) Benth

ssp. *detinens* (Burchell) Brenan

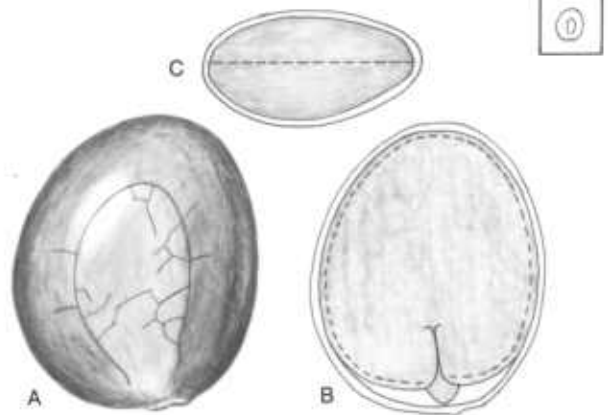
Acacia sieberiana de Candolle var. *villosa* Chevalier

Acacia stuhlmannii Taubert

Notes: Seeds without arils.

Fabaceae
Mimosoideae

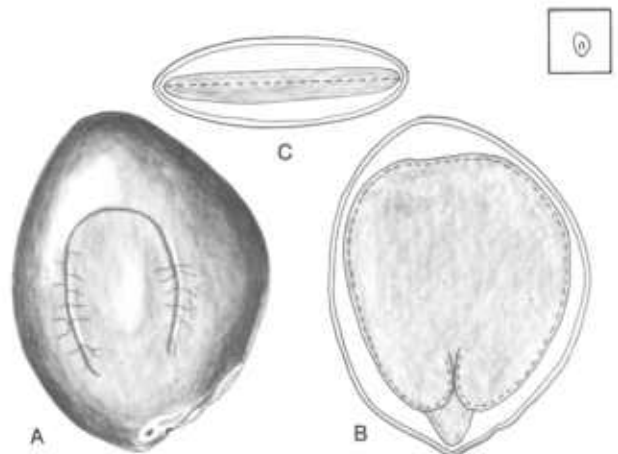
Dichrostachys cinerea (Linnaeus) Wight & Arnott (A-C)
(X 10). A, Seed; B, embryo in situ; C, transection of seed.



Fabaceae
Mimosoideae

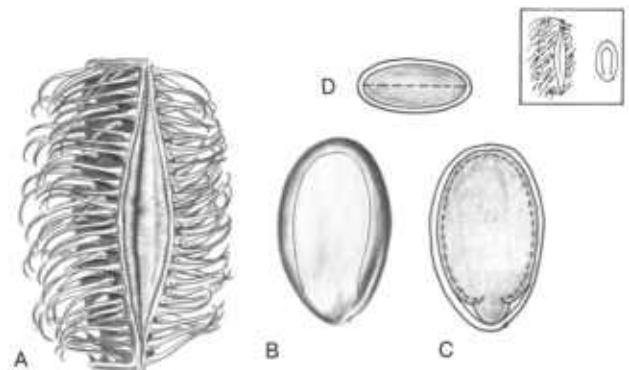
Mimosa invisa Martius ex Colla (A-C) (X 18). A, Seed; B, embryo in situ; C, transection of seed.

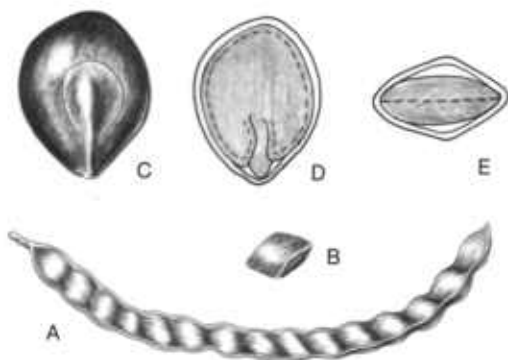
Mimosa pudica Linnaeus



Fabaceae
Mimosoideae

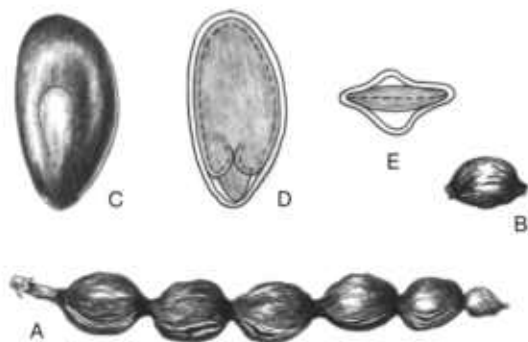
Mimosa pigra Linnaeus (A-D) (X 4). A, One-seeded fruit segment; B, seed; C, embryo in situ; D, transection of seed.





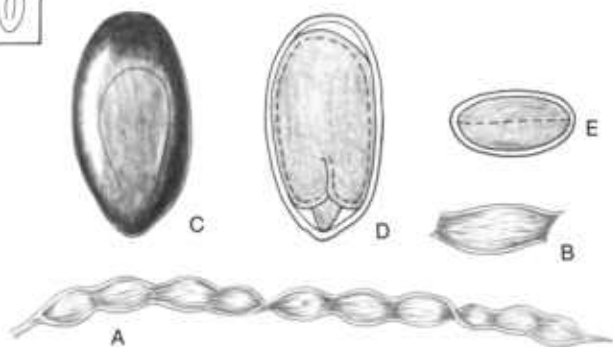
Fabaceae
Mimosoideae

Prosopis alpataco R.A. Philippi (A-E). A, Fruit (X 0.6); B, one-seeded endocarp segment (X 1); C, seed (X 4); D, embryo in situ (X 4); E, transection of seed (X 4).



Fabaceae
Mimosoideae

Prosopis argentina Burkart (A-E). A, Fruit (X 1); B, one-seeded fruit segment (X 1); C, seed (X 4); D, embryo in situ (X 4); E, transection of seed (X 4).

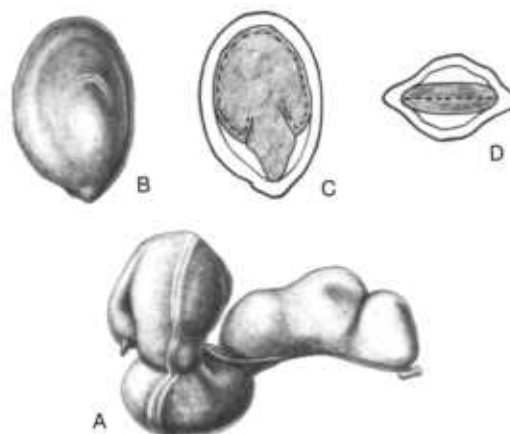


Fabaceae
Mimosoideae

Prosopis articulata S. Watson (A-E). A, Fruit (X 0.6); B, one-seeded fruit segment (X 1); C, seed (X 4); D, embryo in situ (X 4); E, transection of seed (X 4).

Fabaceae
Mimosoideae

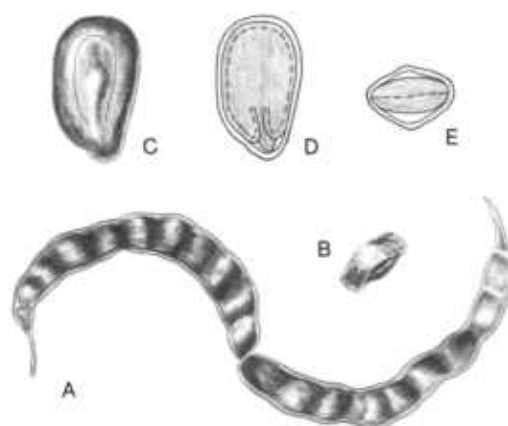
Prosopis burkartii Munoz (A-D). A, Fruit (X 2); B, seed (X 6); C, embryo in situ (X 6); D, transection of seed (X 6).



0

Fabaceae
Mimosoideae

Prosopis caldenia Burkart (A-E). A, Fruit (X 0.6); B, one-seeded endocarp segment (X 1); C, seed (X 4); D, embryo in situ (X 4); E, transection of seed (X 4).



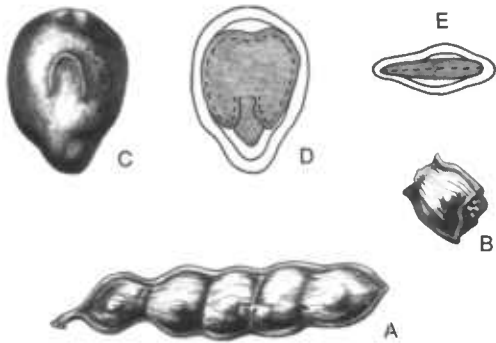
1

Fabaceae
Mimosoideae

Prosopis calingastana Burkart

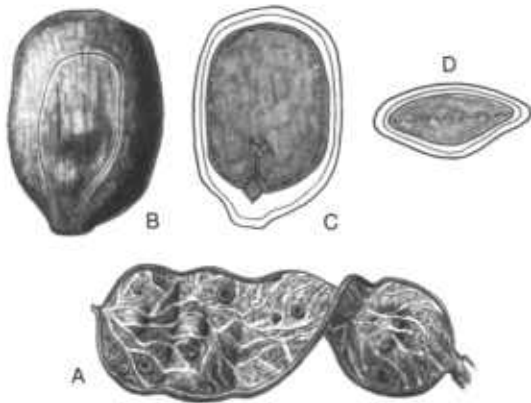
Notes: Seeds not available for study.

Rosidae
Fabaceae
Mimosoideae



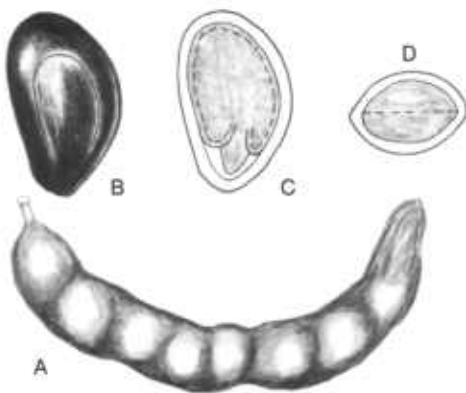
Fabaceae
Mimosoideae

Prosopis campestris Grisebach (A-E). A, Fruit (X 1.6); B, one-seeded endocarp segment (X 1.6); C, seed (X 6); D, embryo in situ (X 6); E, transection of seed (X 6).



Fabaceae
Mimosoideae

Prosopis castellanosi Burkart (A-D). A, Fruit (X 1); B, seed (X 4); C, embryo in situ (X 4); D, transection of seed (X 4).

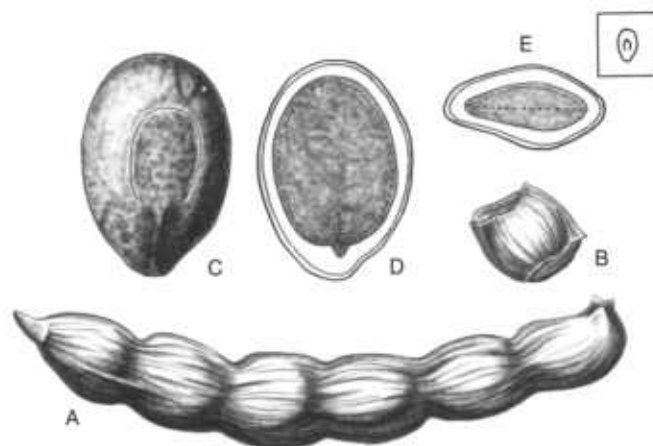


Fabaceae
Mimosoideae

Prosopis denudans Benth (A-D). A, Fruit (X 1); B, seed (X 4); C, embryo in situ (X 4); D, transection of seed (X 4).

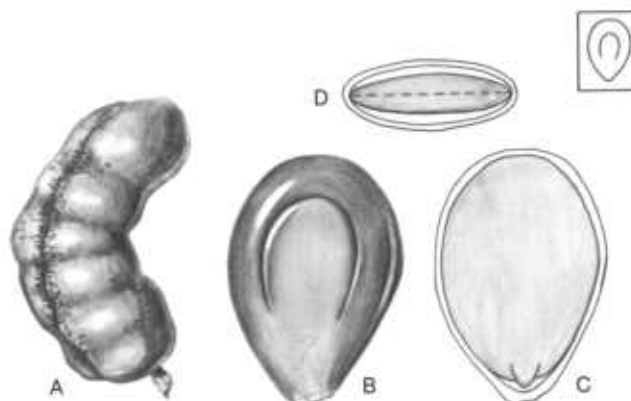
Fabaceae
Mimosoideae

Prosopis elata (Burkart) Burkart (A-E). A, Fruit (X 2); B, fruit segment (X 2); C, seed (X 6); D, embryo in situ (X 6); E, transection of seed (X 6).



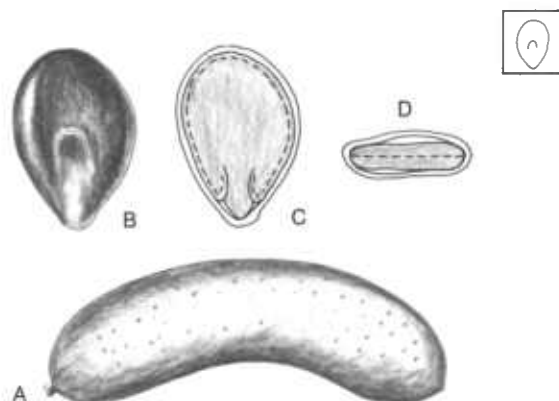
Fabaceae
Mimosoideae

Prosopis farcta (Solander ex Russell) Macbride (A-D). A, Fruit (X 1); B, seed (X 4); C, embryo in situ (X 4); D, transection of seed (X 4).

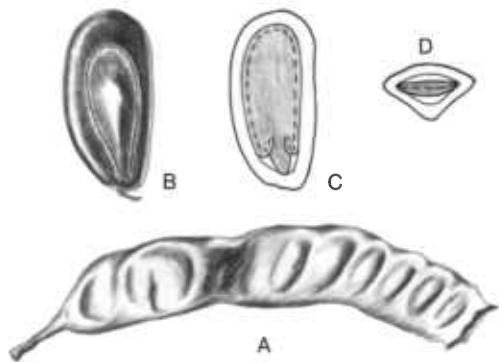


Fabaceae
Mimosoideae

Prosopis ferox Grisebach (A-D). A, Fruit (X 1); B, seed (X 4); C, embryo in situ (X 4); D, transection of seed (X 4).

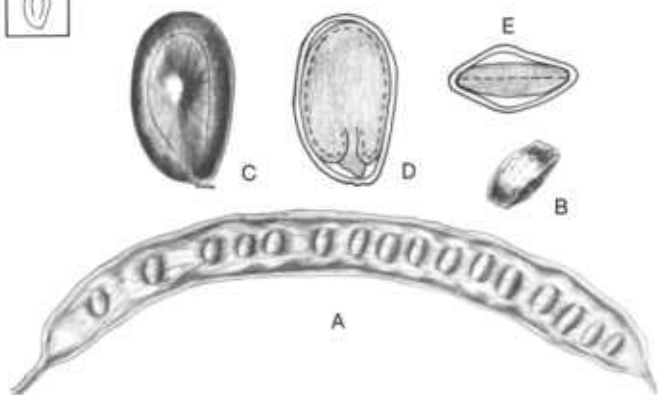


Rosidae
Fabaceae
Mimosoideae



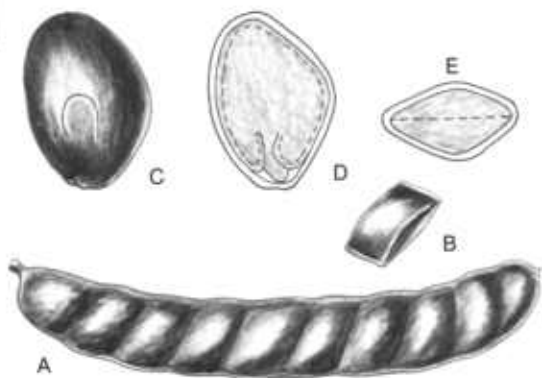
Fabaceae
Mimosoideae

Prosopis fiebrigii Harms (A-D). A, Fruit (X 0.6); B, seed (X 4); C, embryo in situ (X 4); D, transection of seed (X 4).



Fabaceae
Mimosoideae

Prosopis hassleri Harms (A-E). A, Fruit (X 0.5); B, one-seeded fruit segment (X 1); C, seed (X 4); D, embryo in situ (X 4); E, transection of seed (X 4).

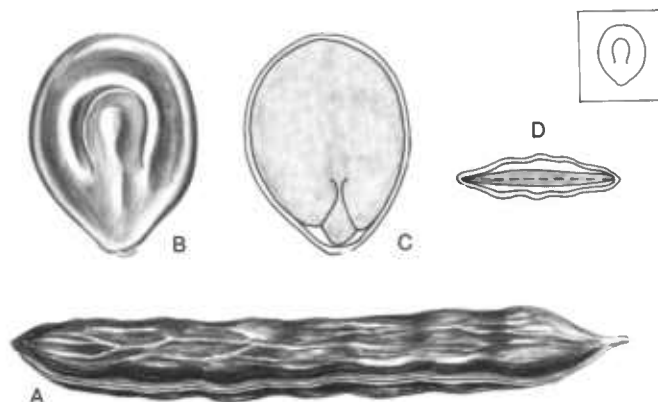


Fabaceae
Mimosoideae

Prosopis humilis Gillies ex Hooker & Arnott (A-E). A, Fruit (X 1); B, one-seeded endocarp segment (X 1); C, seed (X 4); D, embryo in situ (X 4); E, transection of seed (X 4).

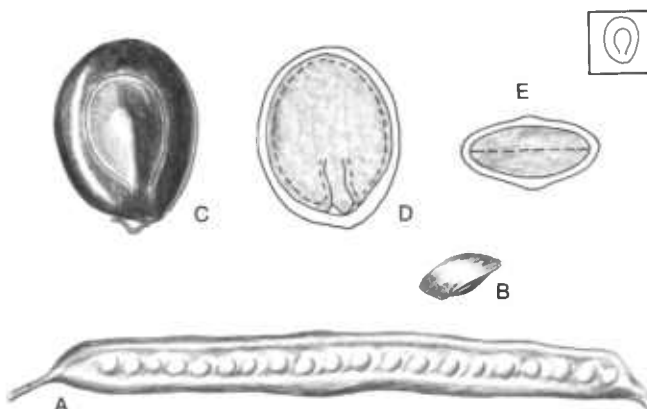
Fabaceae
Mimosoideae

Prosopis kuntzei Harms (A-D). A, Fruit (X 0.6); B, seed (X 4); C, embryo in situ (X 4); D, transection of seed (X 4).



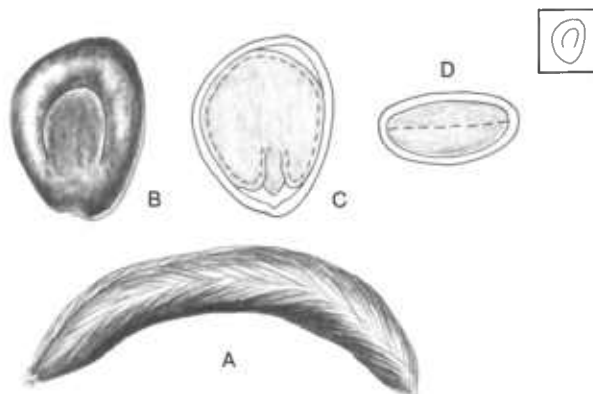
Fabaceae
Mimosoideae

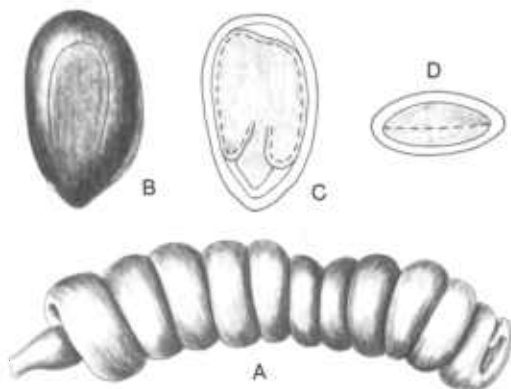
Prosopis pallida (Humboldt & Bonpland ex Willdenow) Humboldt, Bonpland, Kunth (A-E). A, Fruit (X 0.5); B, one-seeded endocarp segment (X 1); C, seed (X 4); D, embryo in situ (X 4); E, transection of seed (X 4).



Fabaceae
Mimosoideae

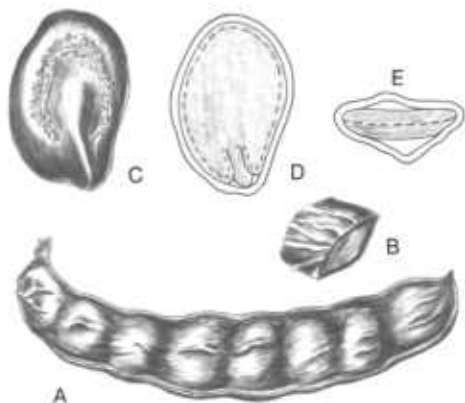
Prosopis palmeri S. Watson (A-D). A, Fruit (X 1); B, seed (X 4); C, embryo in situ (X 4); D, transection of seed (X 4).





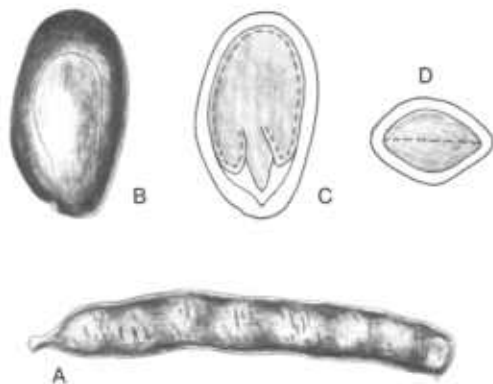
Fabaceae
Mimosoideae

Prosopis reptans Benth var. *reptans* (A-D). A, Fruit (X 2); B, seed (X 6); C, embryo in situ (X 6); D, transection of seed (X 6).



Fabaceae
Mimosoideae

Prosopis rojasiana Burkart (A-E). A, Fruit (X 2); B, one-seeded fruit segment (X 2); C, seed (X 6); D, embryo in situ (X 6); E, transection of seed (X 6).

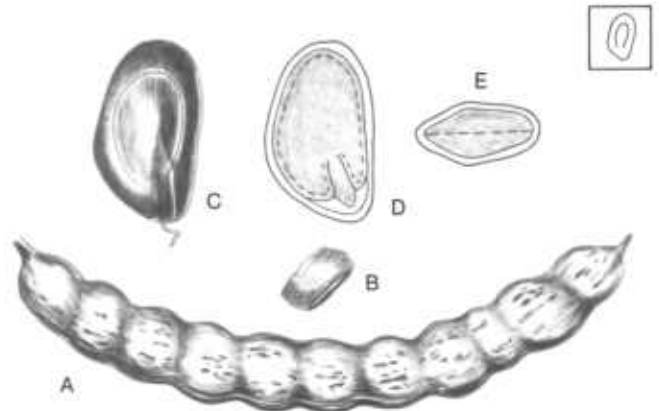


Fabaceae
Mimosoideae

Prosopis ruizlealii Burkart (A-D). A, Fruit (X 1); B, seed (X 4); C, embryo in situ (X 4); D, transection of seed (X 4).

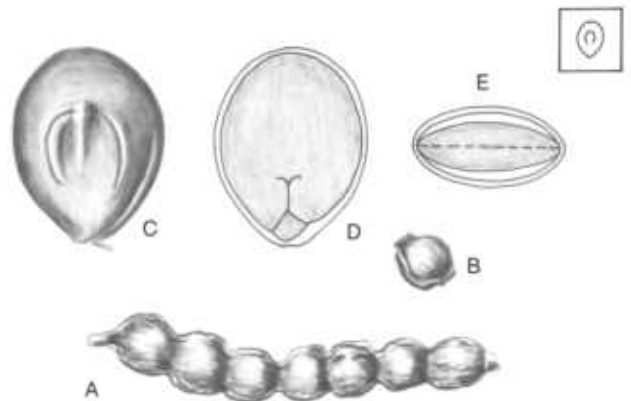
Fabaceae
Mimosoideae

Prosopis ruscifolia Grisebach (A-E). A, Fruit (X 1); B, one-seeded endocarp segment (X 1); C, seed (X 4); D, embryo in situ (X 4); E, transection of seed (X 4).



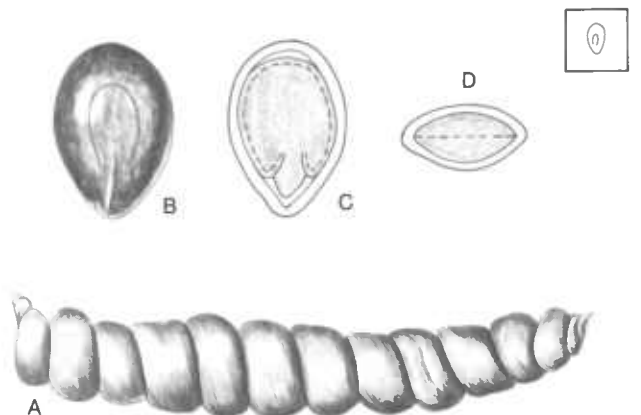
Fabaceae
Mimosoideae

Prosopis sericantha Gillies ex Hooker & Arnott (A-E). A, Fruit (X 1); B, one-seeded endocarp segment (X 1); C, seed (X 6); D, embryo in situ (X 6); E, transection of seed (X 6).

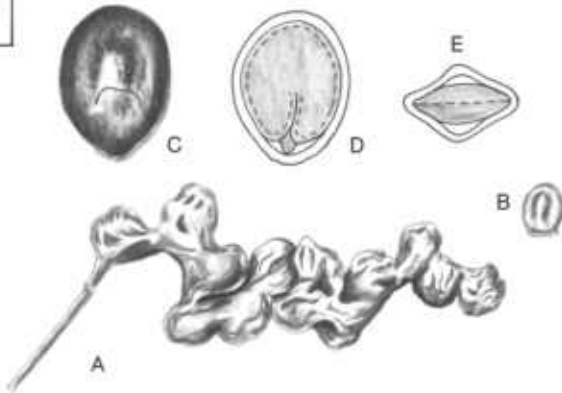


Fabaceae
Mimosoideae

Prosopis strombulifera (Lamarck) Benth (A-D). A, Fruit (X 2); B, seed (X 6); C, embryo in situ (X 6); D, transection of seed (X 6).

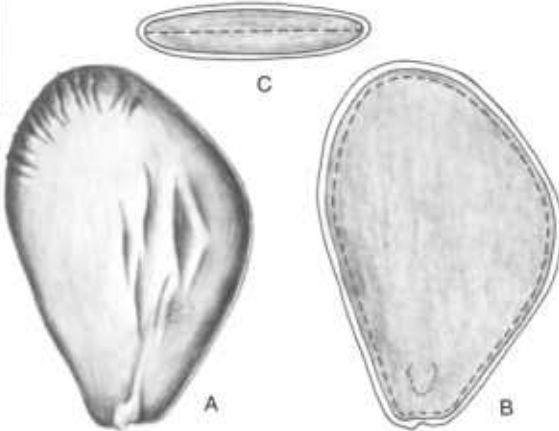


Rosidae
 Fabaceae
 Mimosoideae
 Caesalpinioideae



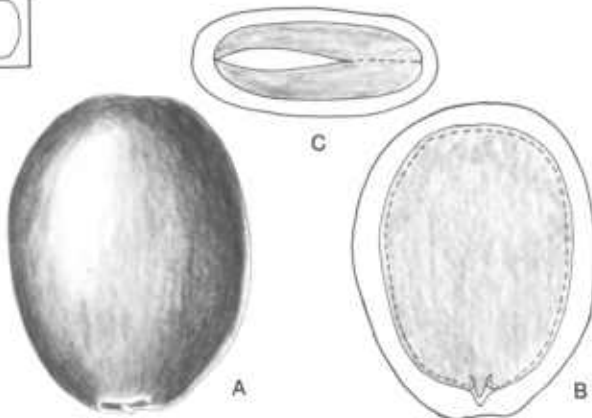
Fabaceae
Mimosoideae

Prosopis torquata (Cavanilles ex Lagasca y Segura) de Candolle (A-E). A, Fruit (X 1); B, one-seeded endocarp segment (X 1); C, seed (X 4); D, embryo in situ (X 4); E, transection of seed (X 4).



Fabaceae
Caesalpinioideae

Brachystegia spicaeformis Benth (A-C) (X 3). A, Seed; B, embryo in situ; C, transection of seed.

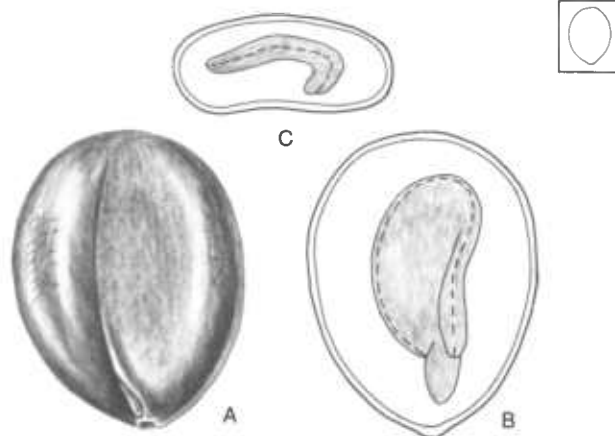


Fabaceae
Caesalpinioideae

Caesalpinia decapetala (Roth) Alston (A-C) (X 5). A, Seed; B, embryo in situ; C, transection of seed.

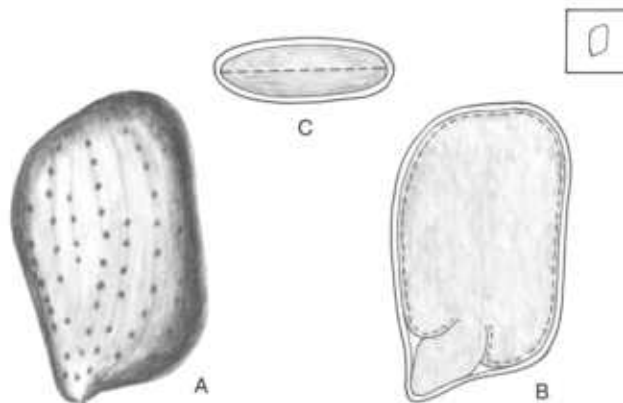
Fabaceae
Caesalpinioideae

Cassia brewsterii F. v. Mueller (A-C) (X 5). A, Seed; B, embryo in situ; C, transection of seed.



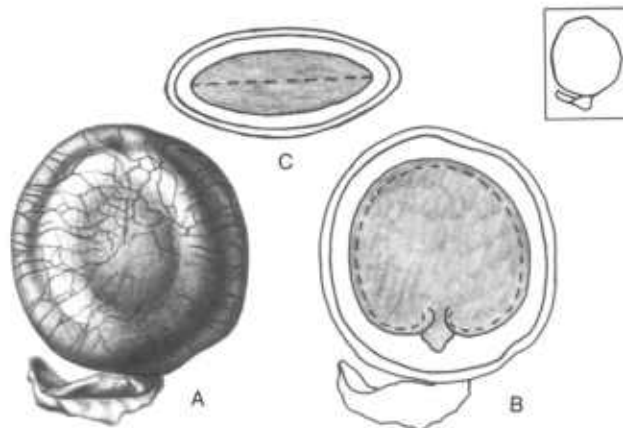
Fabaceae
Caesalpinioideae

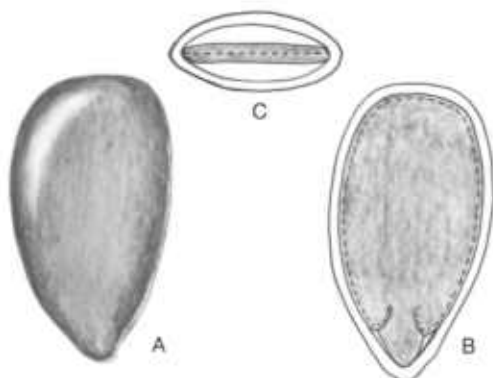
Chamaecrista mimosoides (Linnaeus) Irwin & Barneby (A-C) (X 12). A, Seed; B, embryo in situ; C, transection of seed.



Fabaceae
Caesalpinioideae

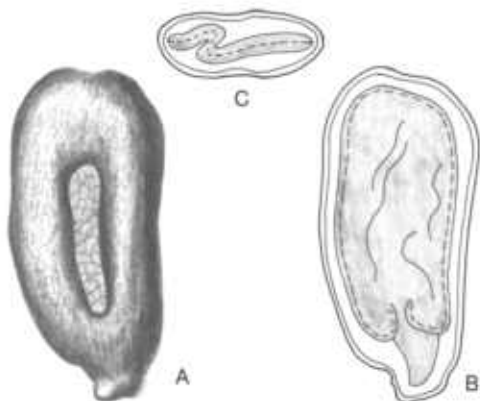
Erythrophleum chlorostachys (F. v. Mueller) Baillon (A-C) (X 3). A, Seed; B, embryo in situ; C, transection of seed.





Fabaceae
Caesalpinioideae

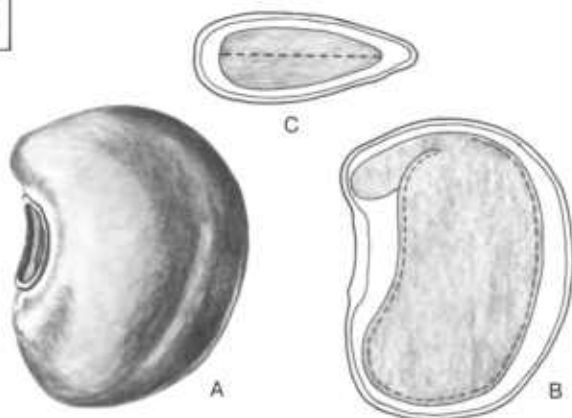
Peltophorum africanum Sonder (A-C) (X 4). A, Seed; B, embryo in situ; C, transection of seed.



Fabaceae
Caesalpinioideae

Senna auriculata (Linnaeus) Irwin & Barneby (A-C) (X 5). A, Seed; B, embryo in situ; C, transection of seed.

Senna eremophila (A. Cunningham ex Vogel) Irwin & Barneby



Fabaceae
Faboideae

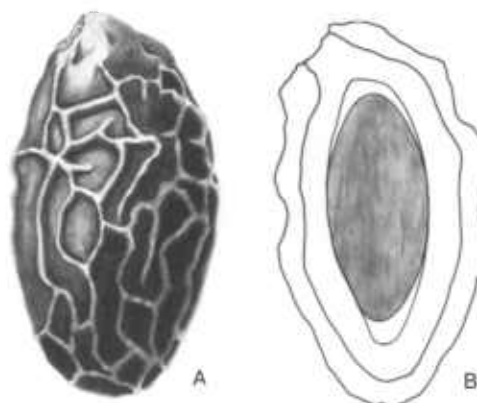
Aeschynomene aspera Linnaeus (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.

Aeschynomene sensitiva Swartz

Fabaceae
Faboideae

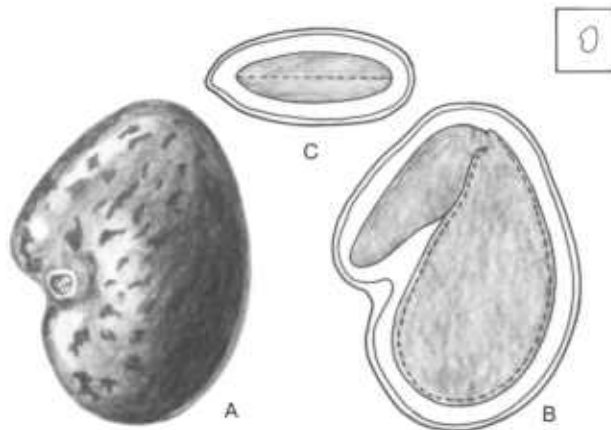
Andira humilis Martius ex Benth (A-B) (X 1). A, Seed; B, embryo in situ.

Notes: Lack of material prohibited further dissection.



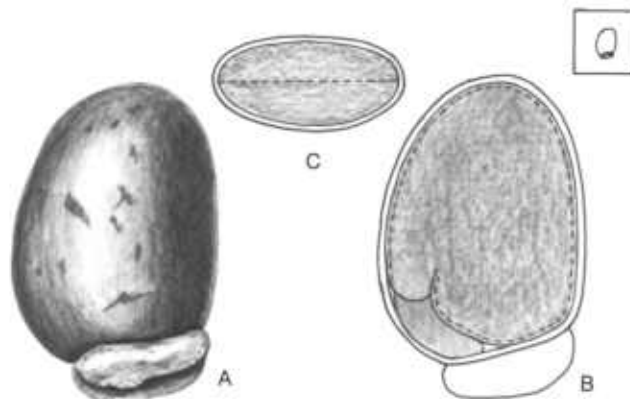
Fabaceae
Faboideae

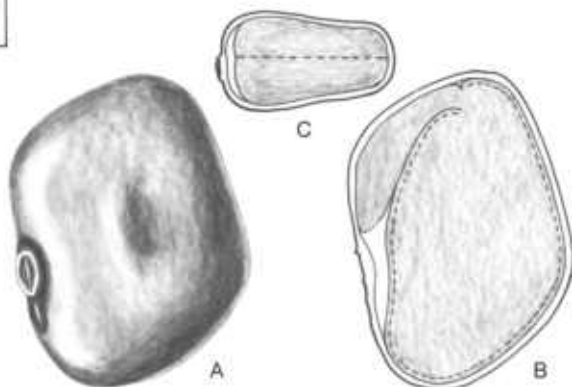
Astragalus garbancillo Cavanilles (A-C) (X 14). A, Seed; B, embryo in situ; C, transection of seed.



Fabaceae
Faboideae

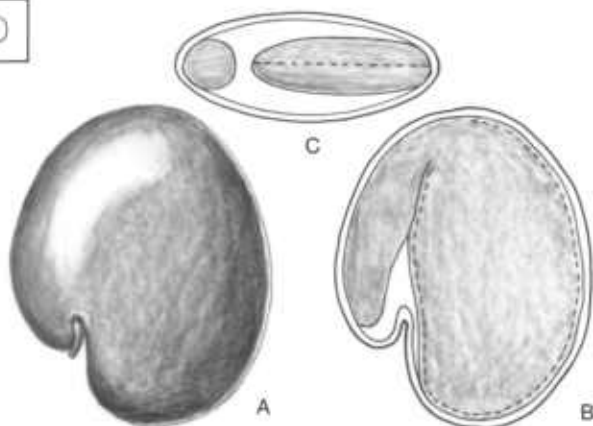
Atylosia scarabaeoides (Linnaeus) Benth (A-C) (X 10). A, Seed with aril; B, embryo in situ; C, transection of seed.





Fabaceae
Faboideae

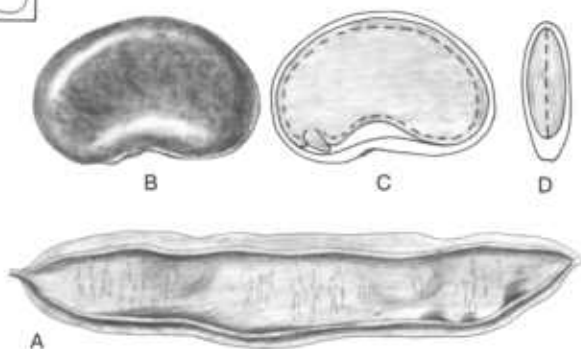
Calopogonium mucunoides Desvaux (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.



Fabaceae
Faboideae

Crotalaria goreensis Guillemain & Perrottet (A-C) (X 14). A, Seed; B, embryo in situ; C, transection of seed.

Crotalaria aculeata De Wildemann
Crotalaria saltiana H.C. Andrews
Crotalaria senegalensis Bacle



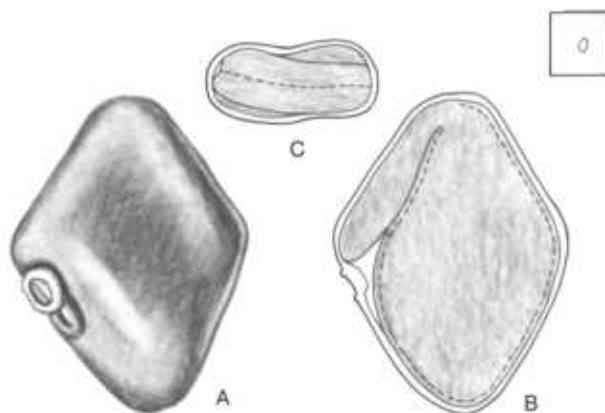
Fabaceae
Faboideae

Derris elliptica (Roxburgh) Benth (A-D). A, Fruit (X 0.6); B, seed (X 3); C, embryo in situ (X 3); D, transection of seed (X 3).

Fabaceae
Faboideae

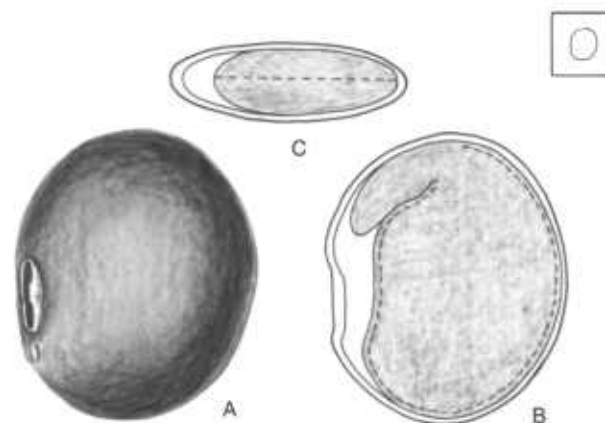
Desmodium procumbens Hitchcock (A-C) (X 28). A, Seed; B, embryo in situ; C, transection of seed.

Desmodium diffusum (Willdenow) de Candolle



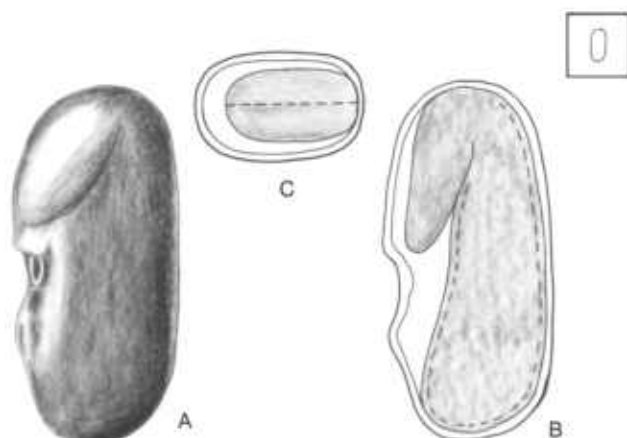
Fabaceae
Faboideae

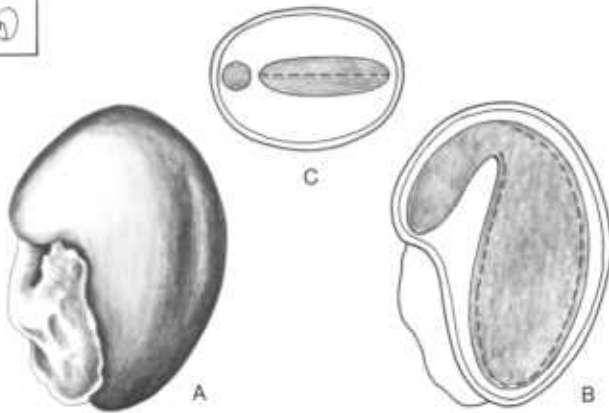
Flemingia strobilifera W.T. Aiton (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.



Fabaceae
Faboideae

Galega officinalis Linnaeus (A-C) (X 12). A, Seed; B, embryo in situ; C, transection of seed.

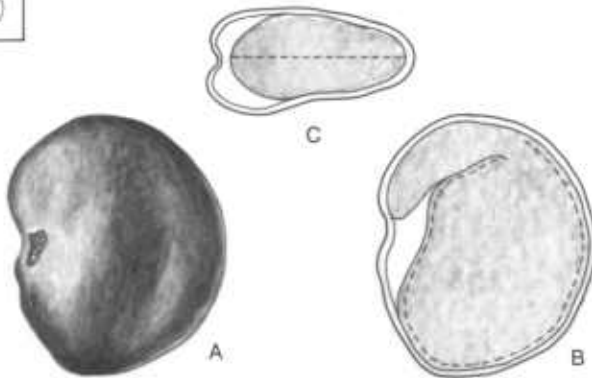




**Fabaceae
Faboideae**

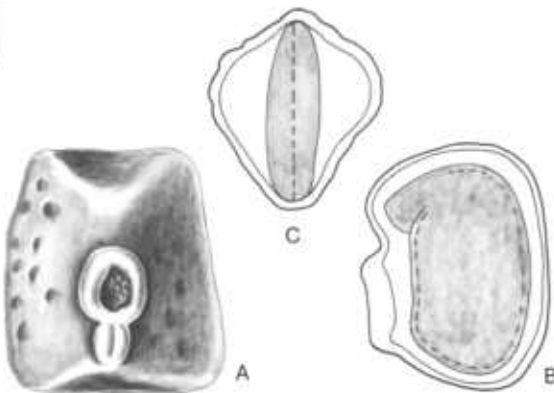
Gastrolobium villosum Benth (A-C) (X 10). A, Seed with aril; B, embryo in situ; C, transection of seed.

Gastrolobium callistachys Meissner
Gastrolobium parviflorum Benth



**Fabaceae
Faboideae**

Glycyrrhiza echinata Linnaeus (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.



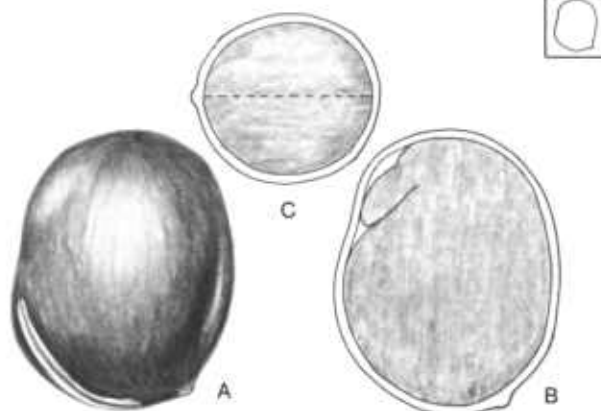
**Fabaceae
Faboideae**

Indigofera hirsuta Linnaeus (A-C) (X 18). A, Seed; B, embryo in situ; C, transection of seed.

Indigofera glandulosa Willdenow (not seen)

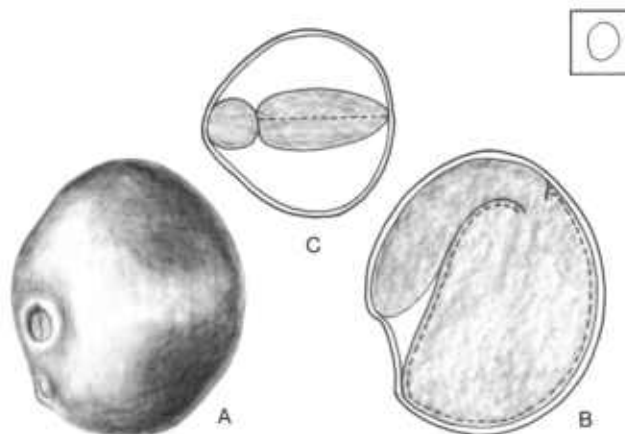
Fabaceae
Faboideae

Lathyrus ochrus de Candolle (A-C) (X 6). A, Seed; B, embryo in situ; C, transection of seed.



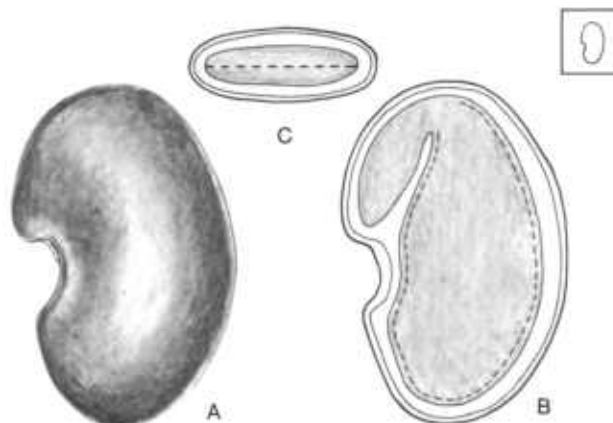
Fabaceae
Faboideae

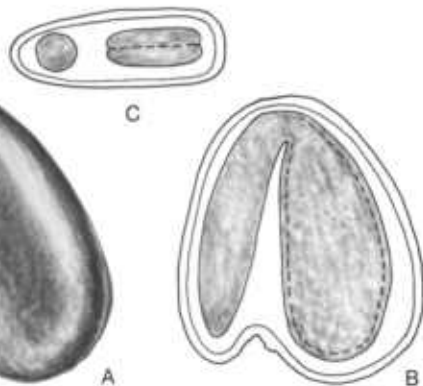
Lotus purpureus (Moench) Webb (A-C) (X 8). A, Seed; B, embryo in situ; C, transection of seed.



Fabaceae
Faboideae

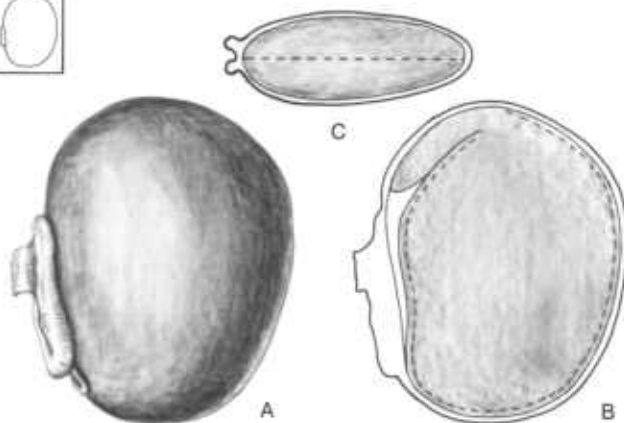
Medicago intertexta (L.) Miller var. *ciliaris* (Linnaeus) Heyn (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.





Fabaceae
Faboideae

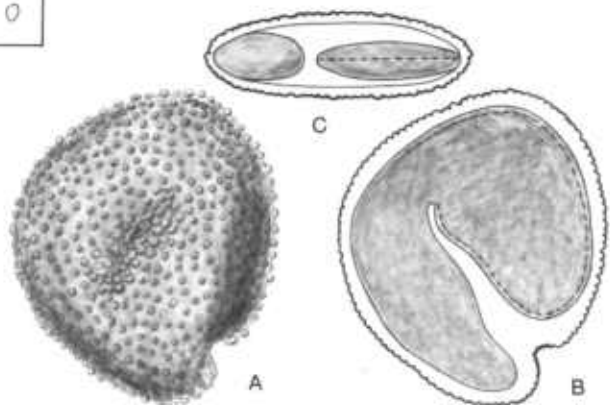
Melilotus dentata (Waldstein & Kitaibel) Persoon (A-C)
(X 20). A, Seed; B, embryo in situ; C, transection of seed.



Fabaceae
Faboideae

Mucuna pruriens (Linnaeus) de Candolle (A-C) (X 4). A,
Seed with rim aril; B, embryo in situ; C, transection of
seed.

Mucuna coriacea Baker

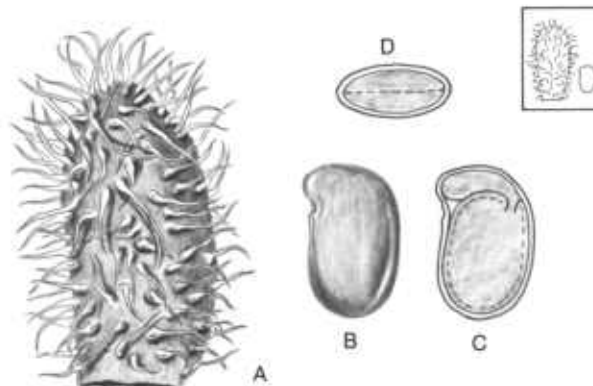


Fabaceae
Faboideae

Ononis spinosa Linnaeus (A-C) (X 20). A, Seed; B, embryo
in situ; C, transection of seed.

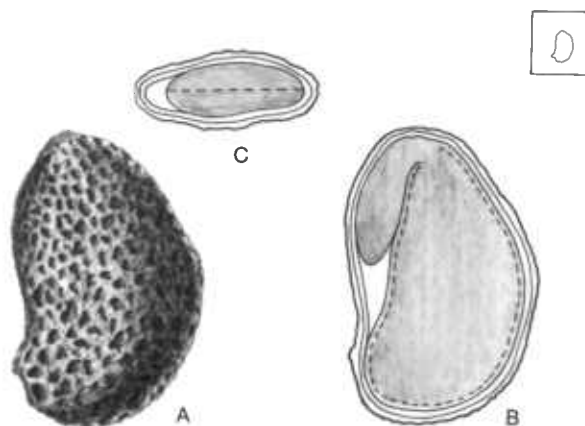
Fabaceae
Faboideae

Ormocarpum trichocarpum Burt-Davy (A-D) (X 4). A, One-seeded fruit segment; B, seed; C, embryo in situ; D, transection of seed.



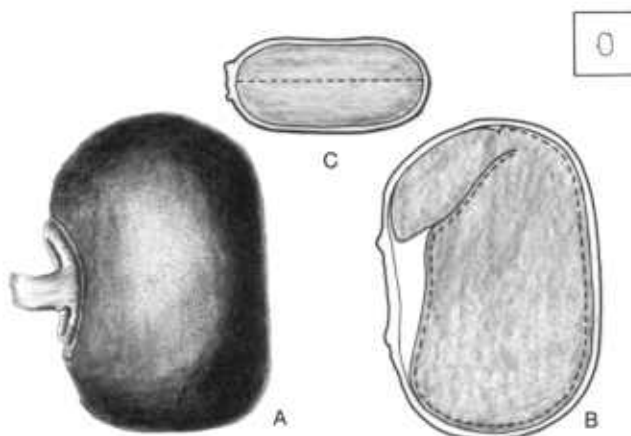
Fabaceae
Faboideae

Psoralea corylifolia Linnaeus (A-C) (X 10). A, Fruit; B, embryo in situ within fruit; C, transection of fruit.

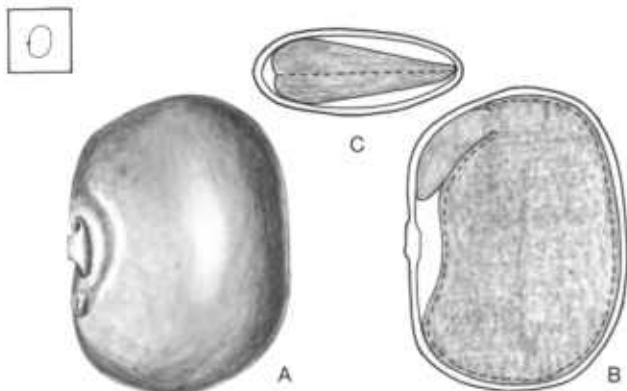


Fabaceae
Faboideae

Pueraria phaseoloides (Roxburgh) Benth (A-C) (X 14). A, Seed with rim aril; B, embryo in situ; C, transection of seed.

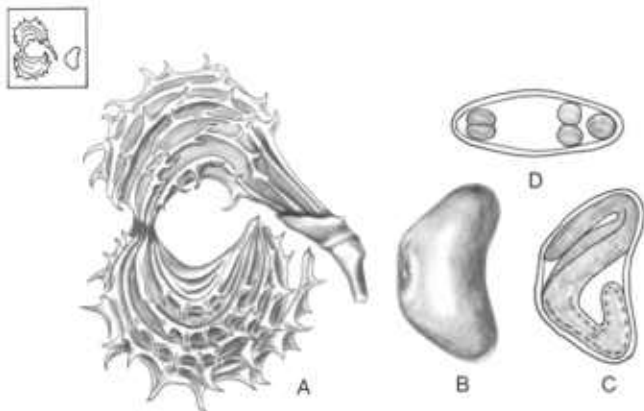


Rosidae
Fabaceae
Faboideae



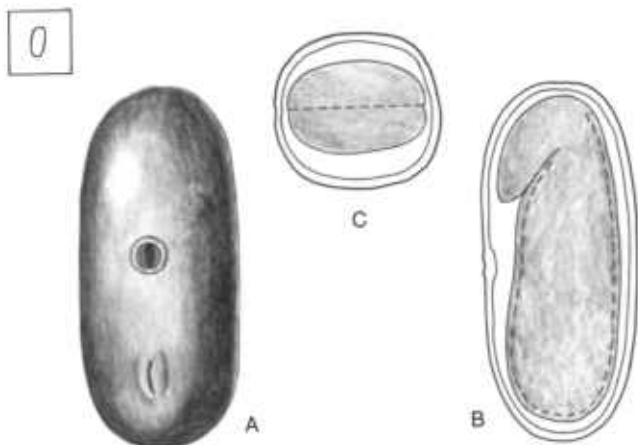
Fabaceae
Faboideae

Rhynchosia xemnonia (Delile) de Candolle (A-C) (X 10).
 A, Seed with rim aril; B, embryo in situ; C, transection of seed.



Fabaceae
Faboideae

Scorpiurus muricatus Linnaeus (A-D) (X 6). A, Two one-seeded fruit segments; B, seed; C, embryo in situ; D, transection of seed.



Fabaceae
Faboideae

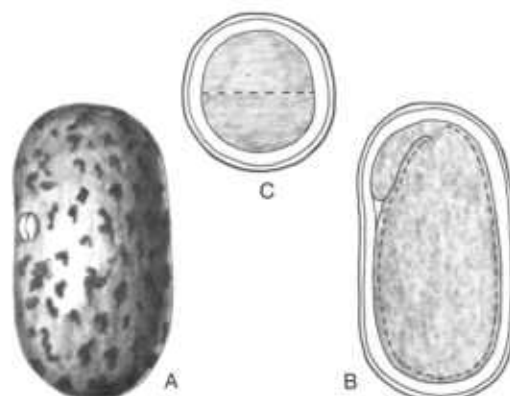
Sesbania cannabina (Retzius) Persoon (A-C) (X 12). A, Seed; B, embryo in situ; C, transection of seed.

Sesbania benthamiana Domin

Fabaceae
Faboideae

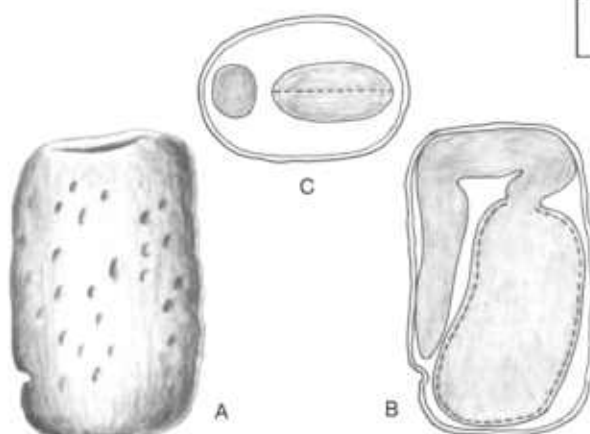
Tephrosia purpurea (Linnaeus) Persoon (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.

Tephrosia uniflora Persoon



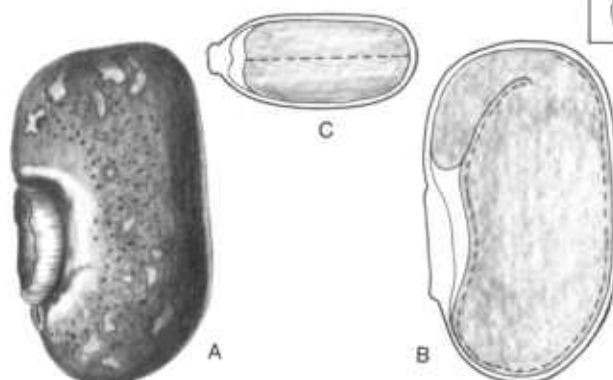
Fabaceae
Faboideae

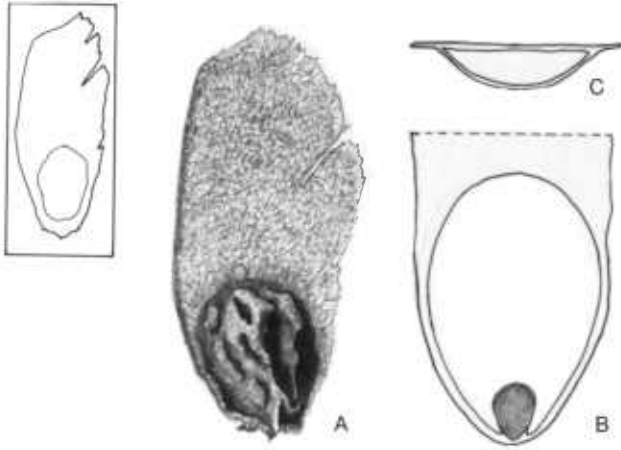
Trigonella polycerata Linnaeus (A-C) (X 28). A, Seed; B, embryo in situ; C, transection of seed.



Fabaceae
Faboideae

Vigna trilobata (Linnaeus) Verdcourt (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.

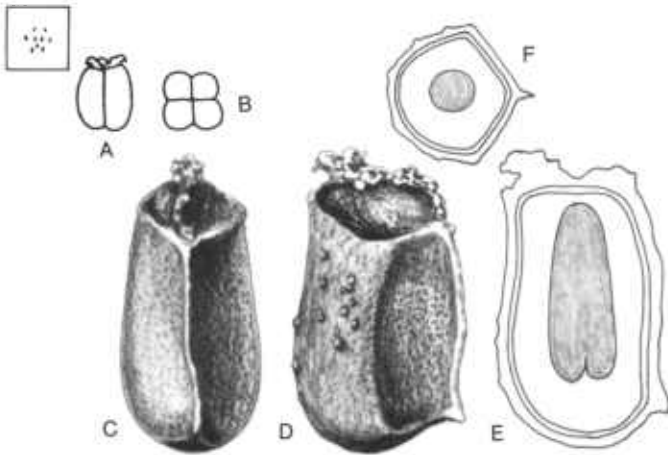




Proteaceae

Hakea gibbosa (Smith) Cavanilles (A-C). A, Seed with wing (X 2); B, embryo in situ with wing removed (X 4); C, transection of seed (X 4).

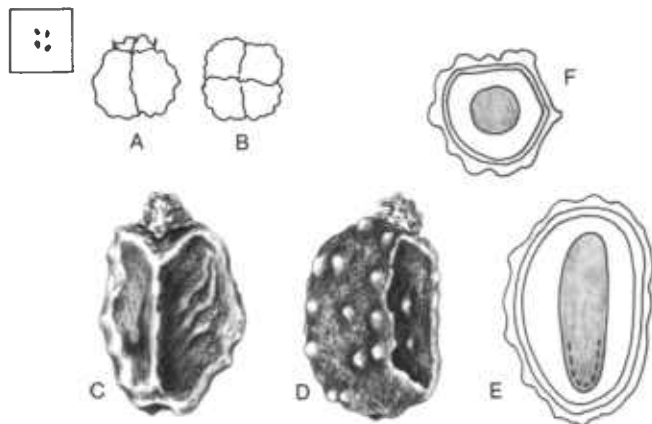
Hakea sericea Schrader



Haloragaceae

Myriophyllum propinquum A. Cunningham (A-F). A-B, Outline of fruit in lateral and ventral views (X 16); C-D, fruit segment in two views (X 64); E, embryo in situ within fruit (X 64); F, transection of fruit (X 64).

Myriophyllum indicum Willdenow



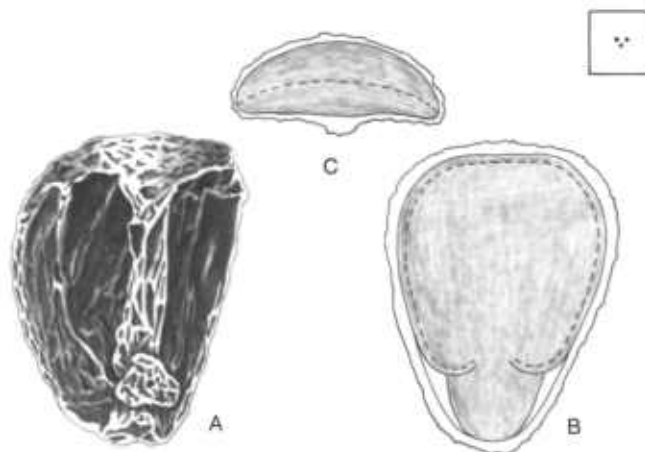
Haloragaceae

Myriophyllum verrucosum Lindley (A-F). A-B, Outline of fruit in lateral and ventral views (X 10); C-D, fruit segment in two views (X 32); E, embryo in situ within fruit segment (X 32); F, transection of fruit segment (X 32).

Lythraceae

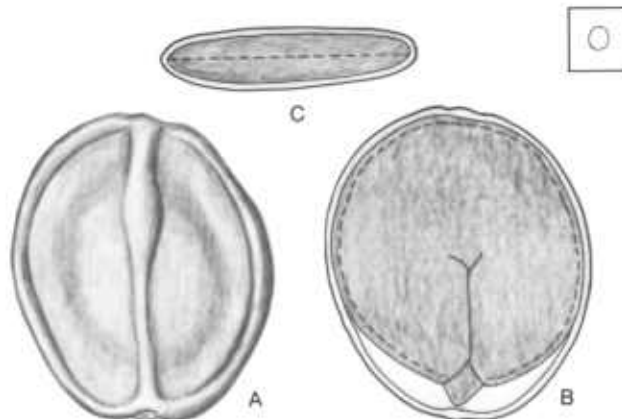
Ammannia baccifera Linnaeus (A-C) (X 100). A, Seed; B, embryo in situ; C, transection of seed.

Ammannia pentandra Roxburgh
Ammannia prieuriana Guillemin & Perrottet



Lythraceae

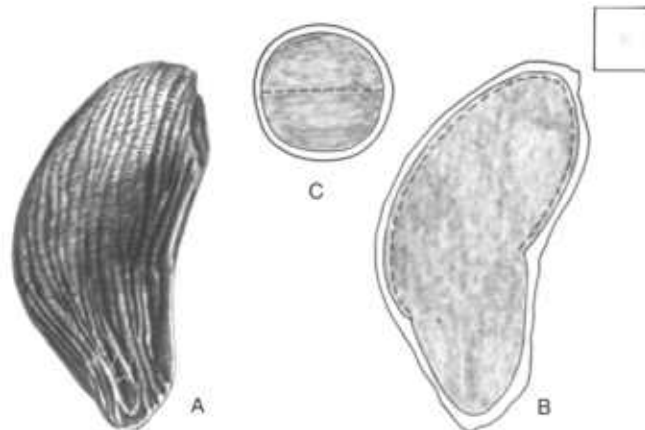
Cuphea wrightii A. Gray (A-C) (X 14). A, Seed; B, embryo in situ; C, transection of seed.

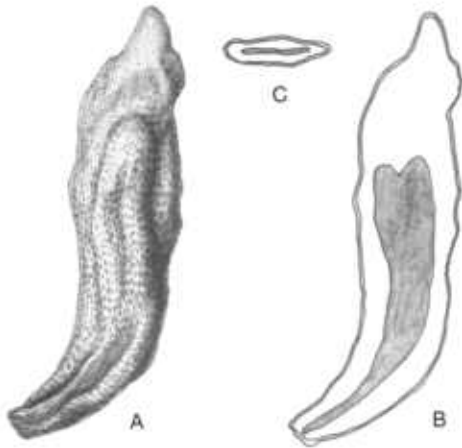


Lythraceae

Rotala indica (Willdenow) Koehne (A-C) (X 140). A, Seed; B, embryo in situ; C, transection of seed.

Rotala mexicana Chamisso & Schlechter
Rotala rotundifolia Koehne

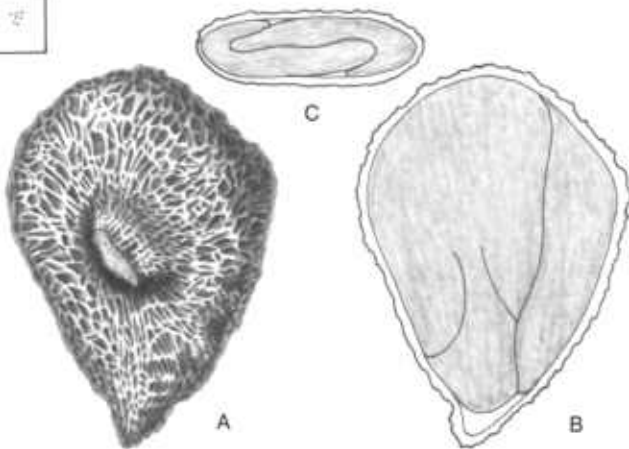




Myrtaceae

Eucalyptus ferruginea Schau (A-C) (X 16). A, Seed; B, embryo in situ; C, transection of seed.

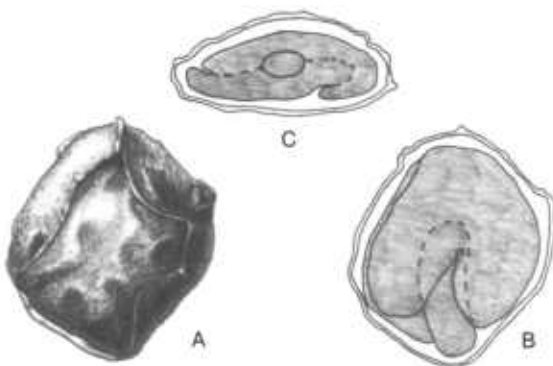
Eucalyptus cambageana Maiden
Eucalyptus gracilis F. v. Mueller



Myrtaceae

Eucalyptus populnea F. v. Mueller (A-C) (X 58). A, Seed; B, embryo in situ; C, transection of seed.

Eucalyptus marginata J.E. Smith
Eucalyptus miniata A. Cunningham ex Schau (not seen)



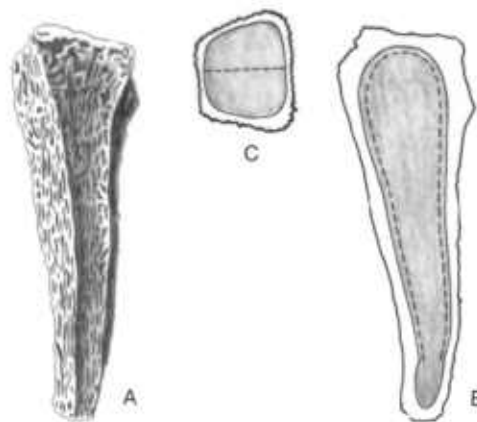
Myrtaceae

Eucalyptus tetradonta F. v. Mueller (A-C) (X 12). A, Seed; B, embryo in situ; C, transection of seed.

Eucalyptus pilularis J.E. Smith

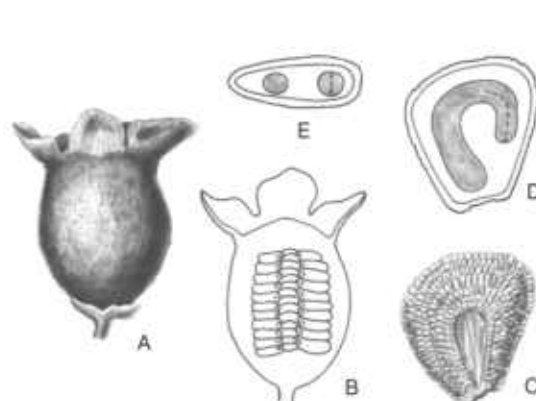
Myrtaceae

Melaleuca leucadendra (Linnaeus) Linnaeus (A-C) (X 50).
A, Seed; B, embryo in situ; C, transection of seed.



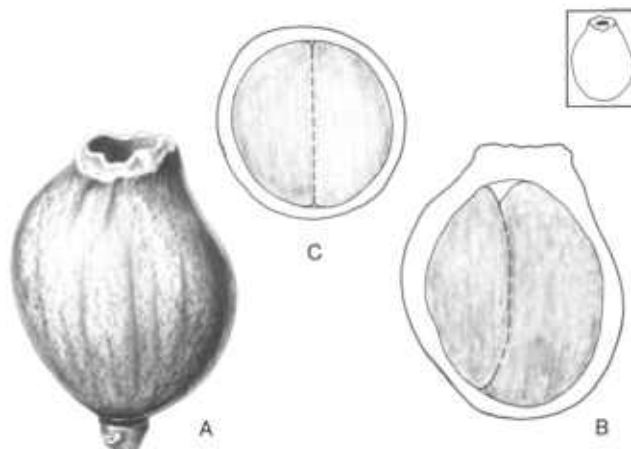
Myrtaceae

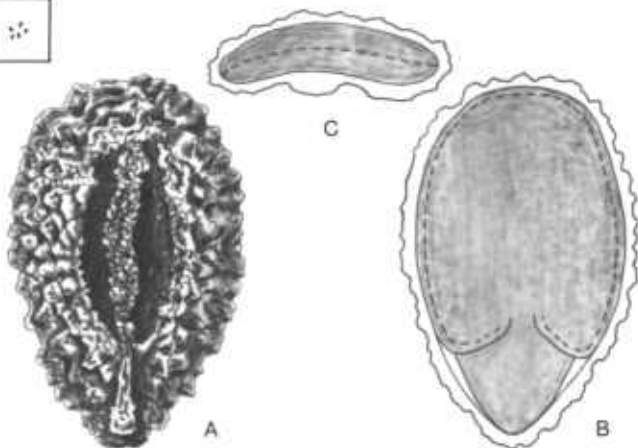
Rhodomyrtus tomentosa (W. Aiton) Hasskarl (A-E). A, Fruit (X 2.6); B, outline of fruit showing internal seed arrangement (X 2.6); C, seed (X 8); D, embryo in situ (X 8); E, transection of seed (X 8).



Myrtaceae

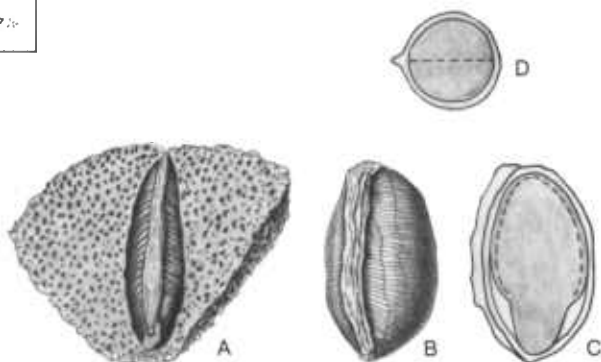
Syzygium cumini (Linnaeus) Skeels (A-C) (X 3). A, Fruit; B, embryo in situ within fruit; C, transection of fruit.





Onagraceae

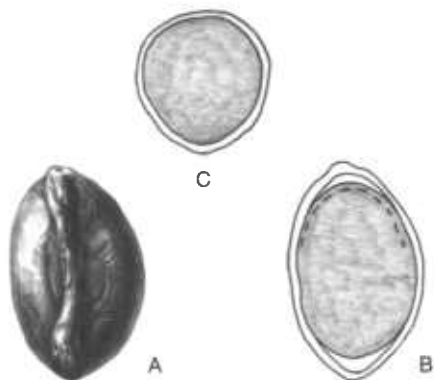
Lopezia racemosa Jacquin (A-C) (X 50). A, Seed; B, embryo in situ; C, transection of seed.



Onagraceae

Ludwigia hyssopifolia (G. Don) Exell (A-D) (X 30). A, Seed embedded in woody endocarp; B, seed; C, embryo in situ; D, transection of seed.

Ludwigia erecta (Linnaeus) Hara



Onagraceae

Ludwigia perennis Linnaeus (A-C) (X 66). A, Seed; B, embryo in situ; C, transection of seed.

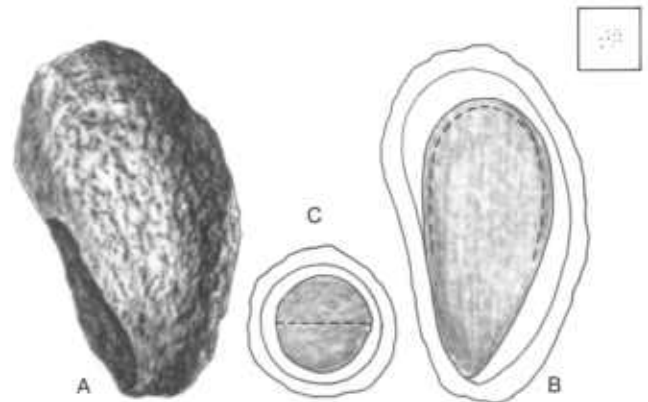
Ludwigia longifolia (de Candolle) Hara

Ludwigia prostrata Roxburgh

Ludwigia stenorraphe (Brenan) Hara

Melastomataceae

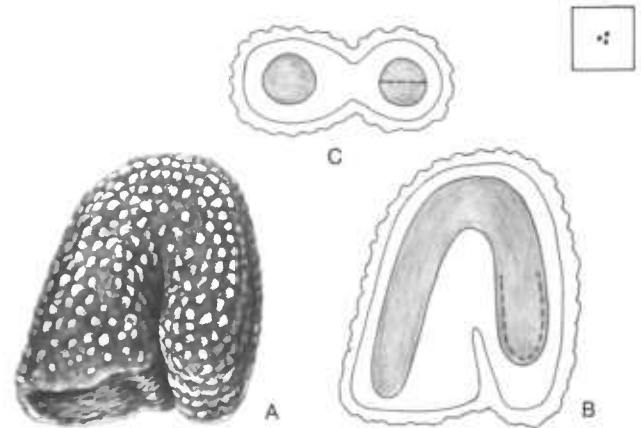
Clidemia hirta (Linnaeus) D. Don (A-C) (X 86.6). A, Seed; B, embryo in situ; C, transection of seed.



Melastomataceae

Melastoma malabathricum Linnaeus (A-C) (X 80). A, Seed; B, embryo in situ; C, transection of seed.

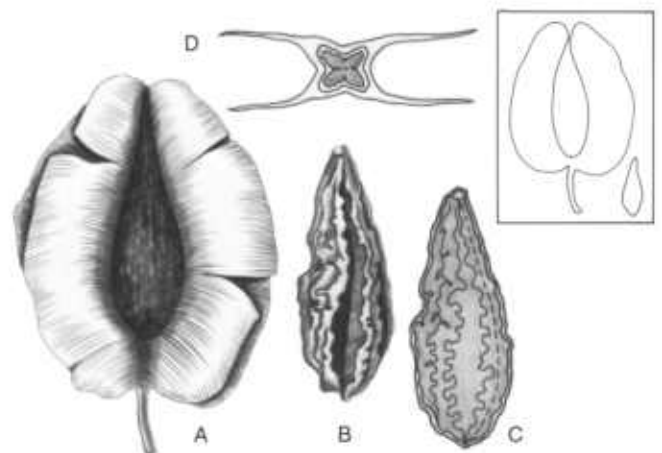
Melastoma sanguineum Sims



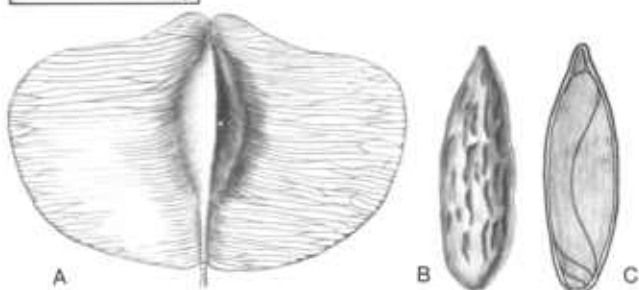
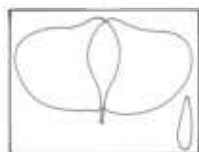
Combretaceae

Combretum hereroense Schinz (A-D). A, Fruit (X 2); B, seed (X 4); C, embryo in situ (X 4); D, transection of fruit (X 2).

Combretum apiculatum Sonder

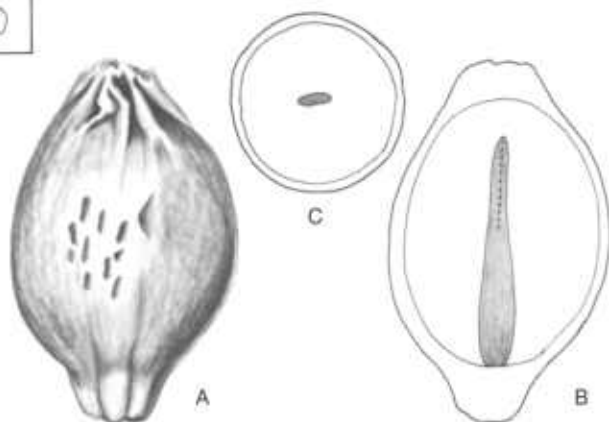


Rosidae
 Combretaceae
 Santalaceae
 Icacinaceae



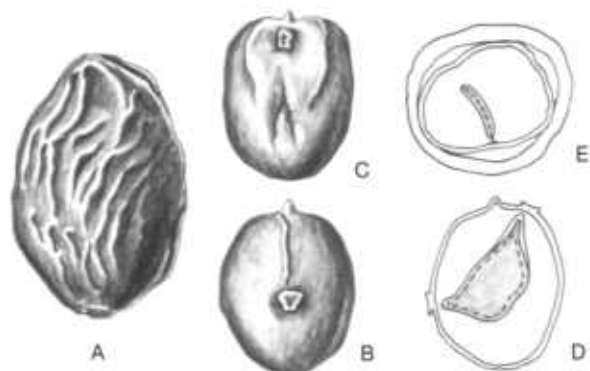
Combretaceae

Terminalia oblongata F. v. Mueller (A-D). A, Fruit (X 2); B, seed (X 4); C, embryo in situ (X 4); D, transection of fruit (X 2).



Santalaceae

Thesium humile Vahl (A-C) (X 14). A, Fruit; B, embryo in situ; C, transection of fruit.

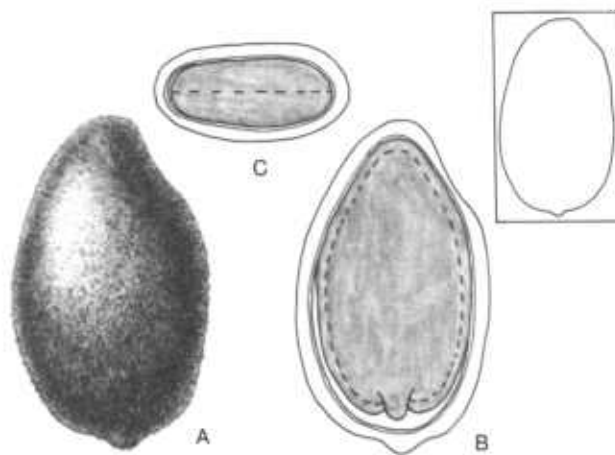


Icacinaceae

Icacina senegalensis Jussieu (A-E) (X 1). A, Fruit; B-C, seed in two views; D, embryo in situ; E, transection of seed.

Dichapetalaceae

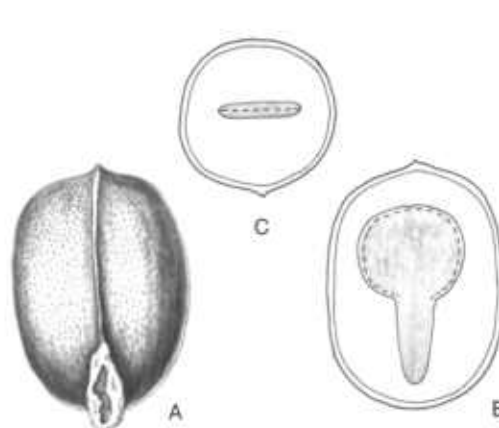
Dichapetalum cymosum (Hooker) Englemann (A-C) (X 1.6). A, Fruit; B, embryo in situ within fruit; C, transection of fruit.



Euphorbiaceae

Acalypha alopecuroides Jacquin (A-C) (X 28). A, Seed; B, embryo in situ; C, transection of seed.

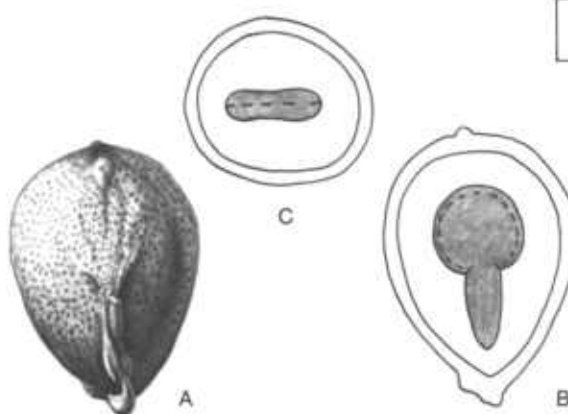
Acalypha australis Linnaeus
Acalypha ciliata Forsskal
Acalypha fallax Mueller-Aargau

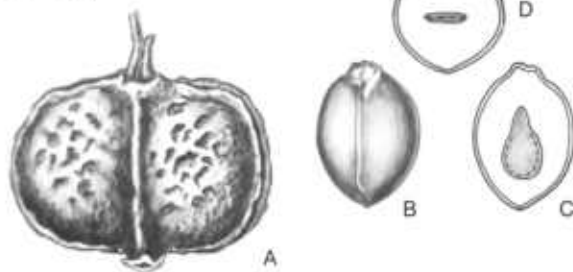


Euphorbiaceae

Acalypha indica Linnaeus (A-C) (X 24). A, Seed; B, embryo in situ; C, transection of seed.

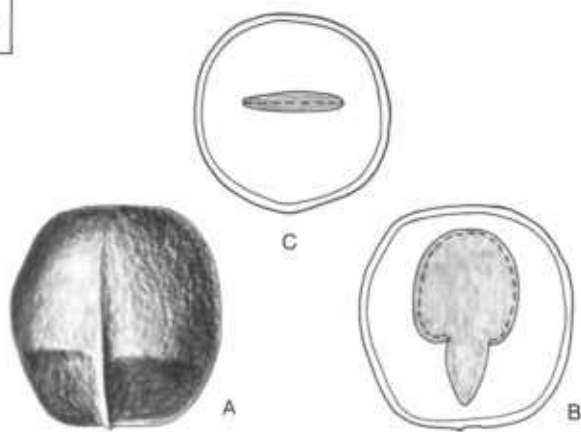
Acalypha segetalis Mueller-Aargau





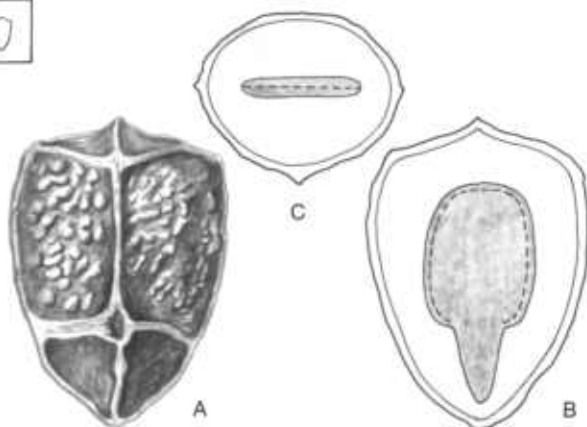
Euphorbiaceae

Alchornea cordifolia (Schumacher & Thonning) Mueller-Aargau (A-D) (X 3). A, Fruit; B, seed; C, embryo in situ; D, transection of seed.



Euphorbiaceae

Chrozophora plicata (Vahl) A. Jussieu (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.

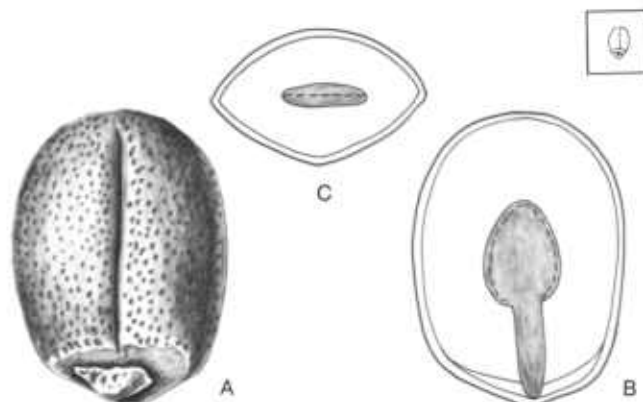


Euphorbiaceae

Chrozophora tinctoria (Linnaeus) A. Jussieu (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.

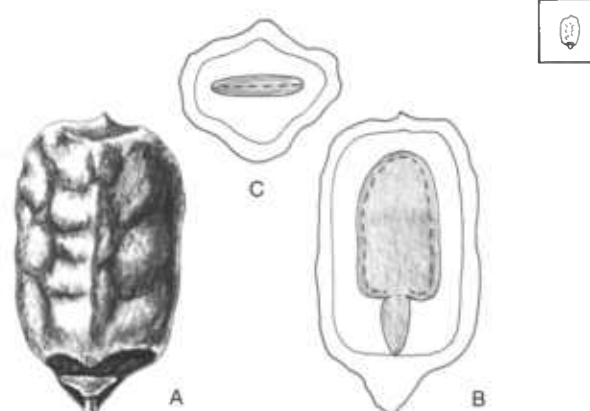
Euphorbiaceae

Croton hirtus L'Heritier (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.



Euphorbiaceae

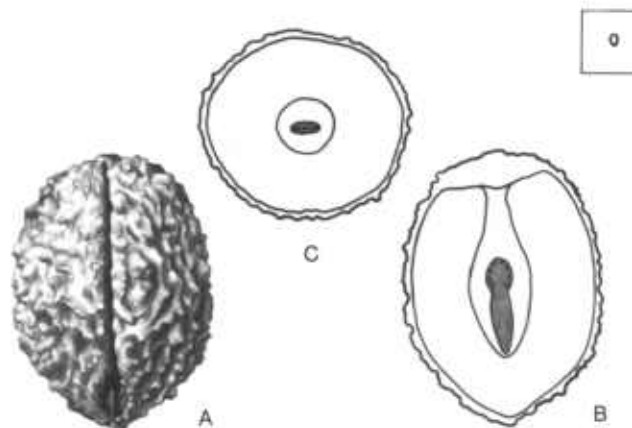
Croton lobatus Linnaeus (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.

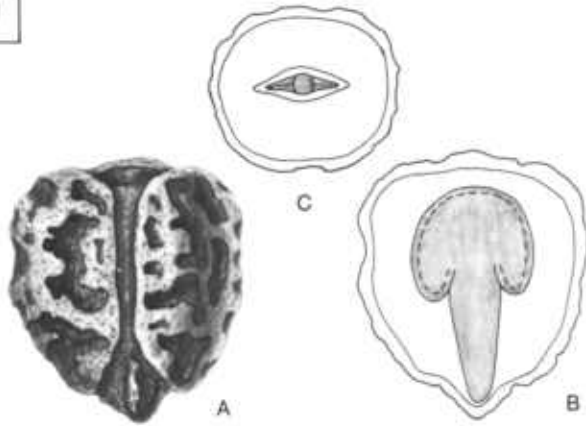


Euphorbiaceae

Euphorbia allepica Linnaeus (A-C) (X 22). A, Seed; B, embryo in situ; C, transection of seed.

Euphorbia aegyptiaca Boissier
Euphorbia dracunculoides Lamarck
Euphorbia fulgens Karwinsky ex Klotzsch

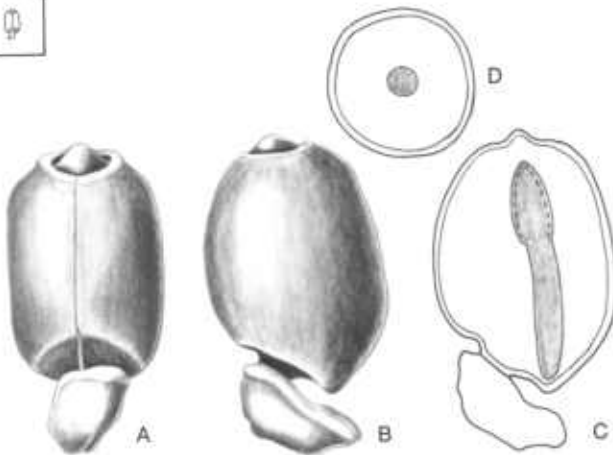




Euphorbiaceae

Euphorbia prunifolia Jacquin (A-C) (X 14). A, Seed; B, embryo in situ; C, transection of seed.

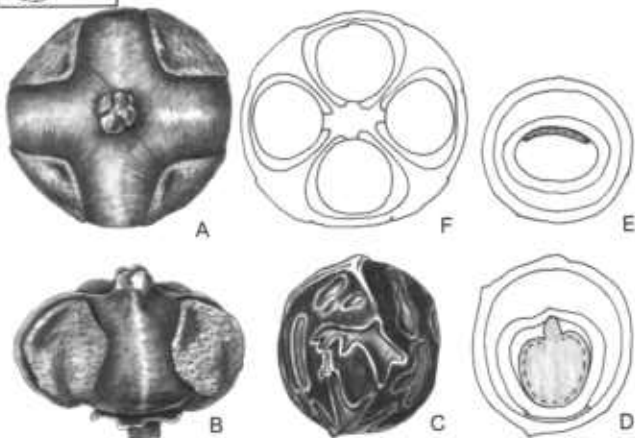
Euphorbia gaillardoti Boissier & Blanche
Euphorbia glomerifera (Millspaugh) Wheeler
Euphorbia microphylla Heyne ex Roth



Euphorbiaceae

Euphorbia terracina Linnaeus (A-D) (X 14). A-B, Seed in two views; C, embryo in situ; D, transection of seed.

Euphorbia oerstediana Boissier
Euphorbia thymifolia Linnaeus



Euphorbiaceae

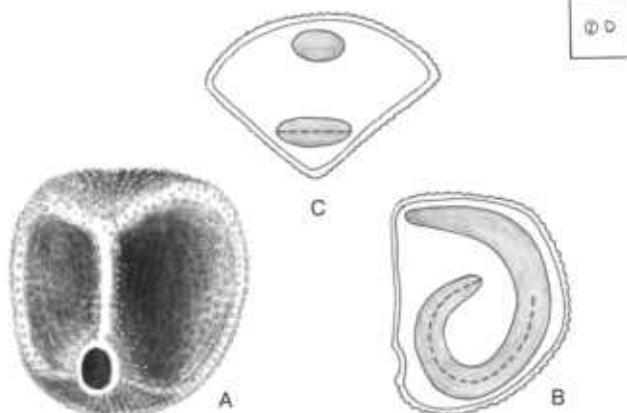
Macaranga triloba (Reinwardt ex Blume) Mueller-Aargau (A-F) (X 3). A-B, Fruit in apical and lateral views; C, seed; D, embryo in situ; E, transection of seed; F, transection of fruit.

Macaranga harveyana Mueller-Aargau

Euphorbiaceae

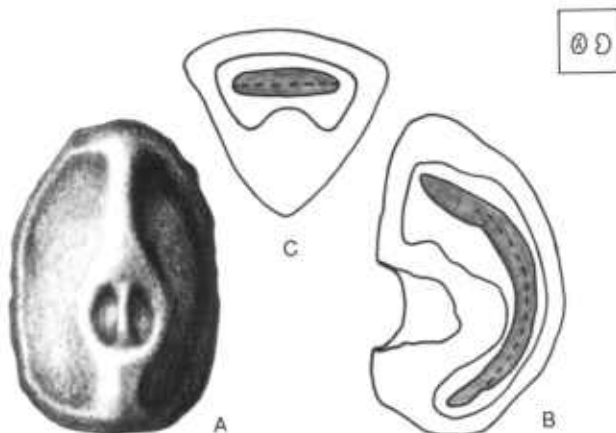
Phyllanthus maderaspatensis Linnaeus (A-C) (X 28). A, Seed; B, embryo in situ; C, transection of seed.

Phyllanthus corcovadensis Mueller-Aargau
Phyllanthus diffusus Klotzsch



Euphorbiaceae

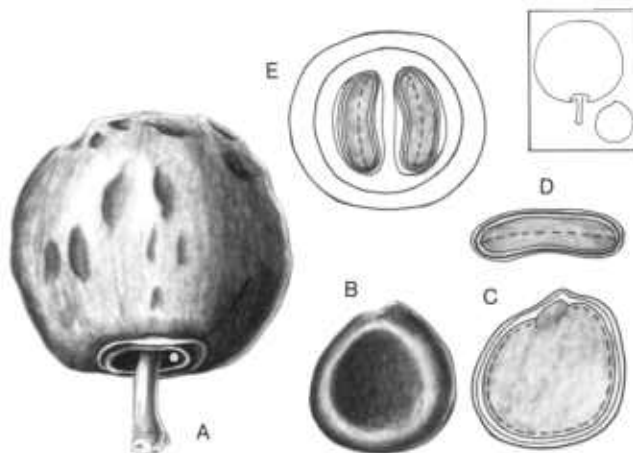
Securinega virosa (Roxburgh ex Willdenow) Baillon (A-C) (X 14). A, Seed; B, embryo in situ; C, transection of seed.



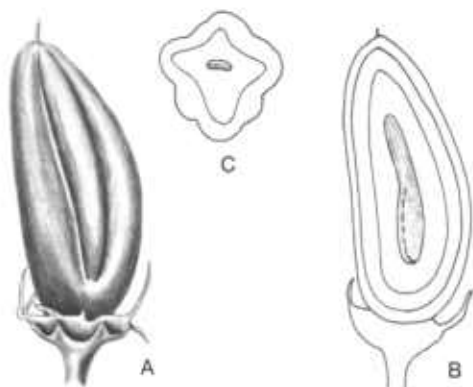
Rhamnaceae

Ziziphus mucronata Willdenow (A-E) (X 3). A, Fruit; B, seed; C, embryo in situ; D, transection of seed; E, transection of fruit.

Ziziphus mauritiana Lamarck
Ziziphus nummularia (N.L. Burman) Wight & Arnott

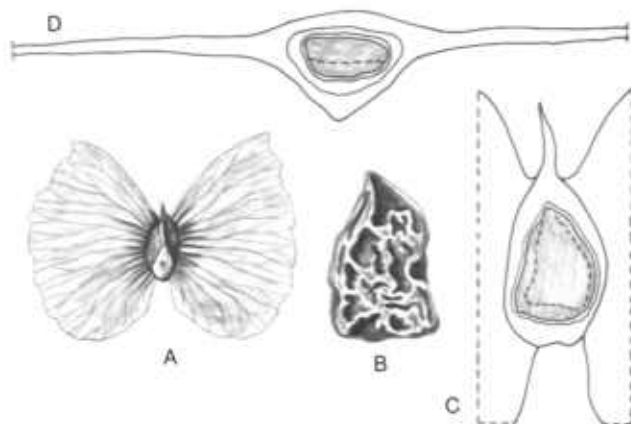


Rosidae
Erythroxylaceae
Malpighiaceae
Sapindaceae



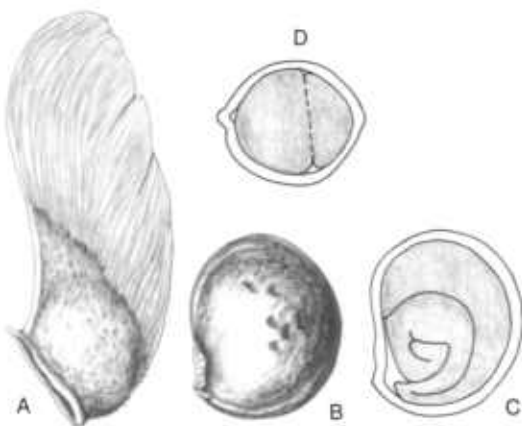
Erythroxylaceae

Erythroxylon coca Lamarck (A-C) (X 4). A, Fruit with persistent pedicel; B, embryo in situ within fruit; C, transection of fruit.



Malpighiaceae

Mascagnia pubiflora Grisebach (A-D). A, Fruit (X 1); B, seed (X 5); C, embryo in situ within fruit (X 3); D, transection of fruit (X 3).

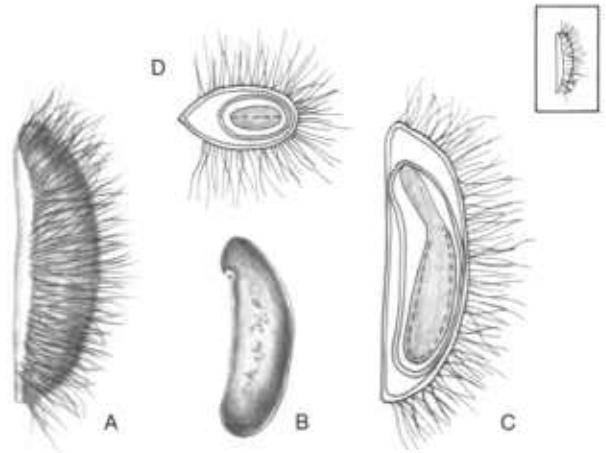


Sapindaceae

Atalya hemiglauca F. v. Mueller ex Benth (A-D). A, Fruit (X 2); B, seed (X 3); C, embryo in situ (X 3); D, transection of seed (X 3).

Zygophyllaceae

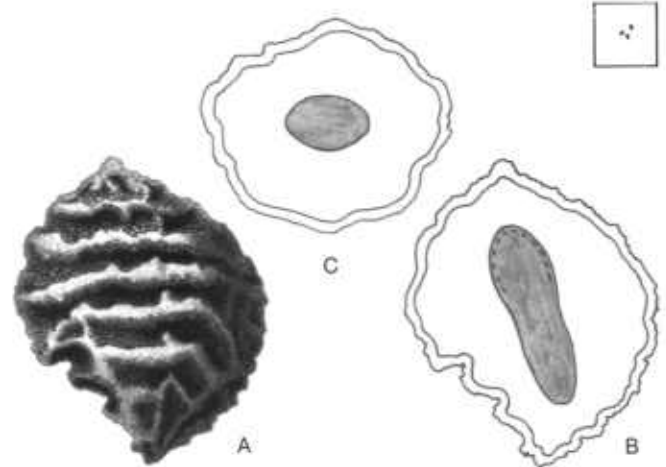
Larrea divaricata Cavanilles (A-D) (X 6). A, Fruit segment; B, seed; C, embryo in situ with fruit segment; D, transection of fruit segment.



Oxalidaceae

Oxalis pes-caprae Linnaeus (A-C) (X 54). A, Seed; B, embryo in situ; C, transection of seed.

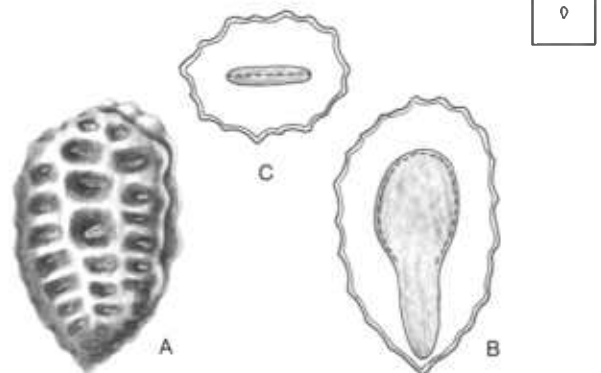
Oxalis bowieana Loddiges (not seen)
Oxalis debilis Humboldt, Bonpland, Kunth
Oxalis flava Linnaeus (not seen)



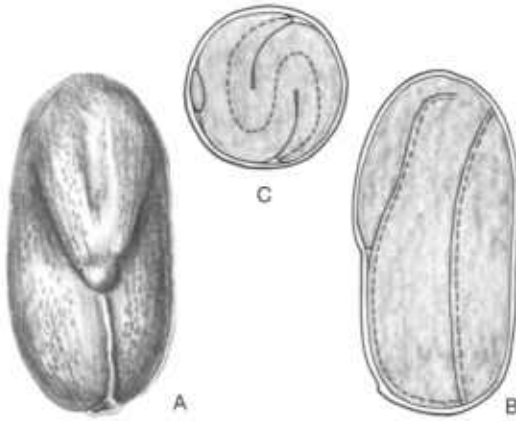
Oxalidaceae

Oxalis semiloba Sonder (A-C) (X 28). A, Seed; B, embryo in situ; C, transection of seed.

Oxalis purpurata Jacquin (not seen)
Oxalis purpurea Linnaeus (not seen)



0

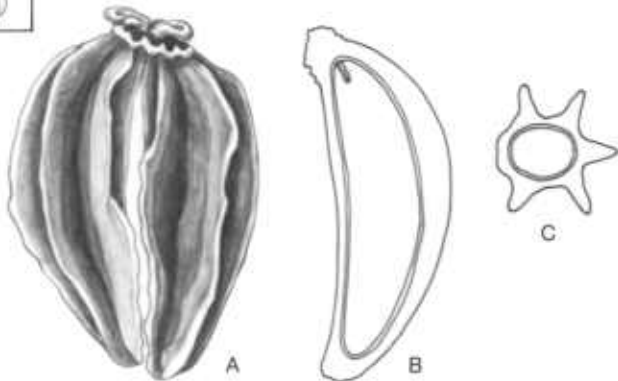


Geraniaceae

Geranium simense A. Richard (A-C) (X 18). A, Seed; B, embryo in situ; C, transection of seed.

Geranium tuberosum Linnaeus

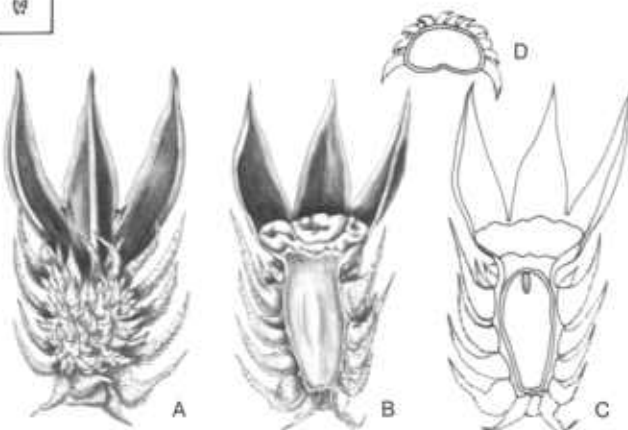
1



Apiaceae

Cicutia mackenzieana Raup (A-C) (X 14). A, Fruit; B, embryo in situ within fruit segment; C, transection of fruit segment.

2



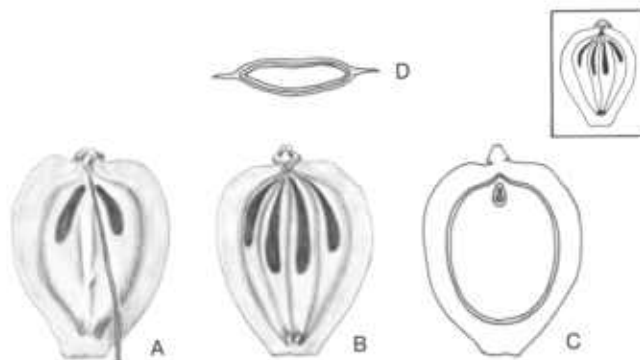
Apiaceae

Eryngium sanguisorba Chamisso & Schlechter (A-D) (X 12). A-B, Fruit segment in two views; C, embryo in situ within fruit segment; D, transection of fruit segment.

Eryngium campestre Linnaeus

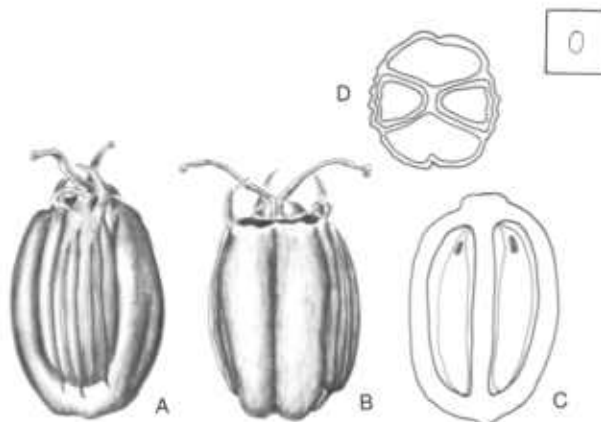
Apiaceae

Heracleum mantegazzianum Sommier & Levier (A-D) (X 2). A-B, Fruit segment in two views; C, embryo in situ within fruit segment; D, transection of fruit segment.



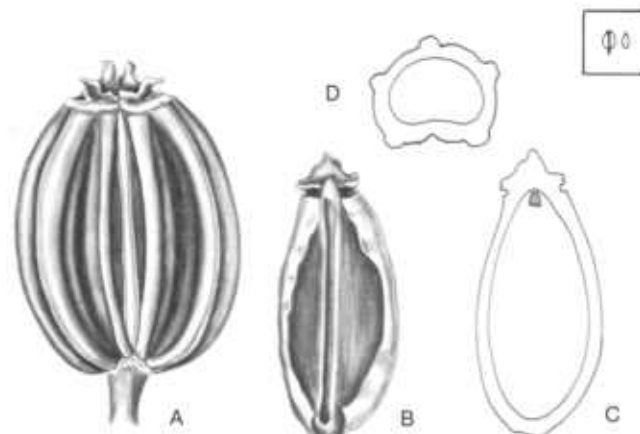
Apiaceae

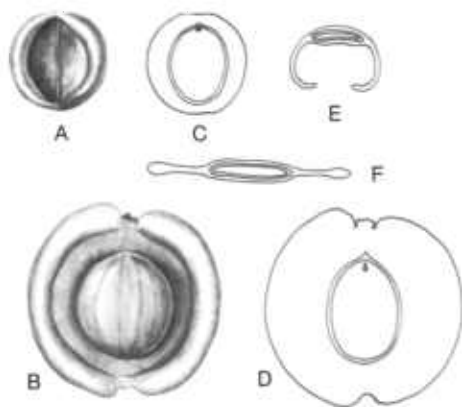
Oenanthe javanica (Blume) de Candolle (A-D) (X 10). A-B, Fruit in two views; C, embryos in situ within fruit; D, transection of fruit.



Apiaceae

Ridolfia segetum (Linnaeus) Moris (A-D) (X 16). A, Fruit; B, fruit segment; C, embryo in situ within fruit segment; D, transection of fruit segment.





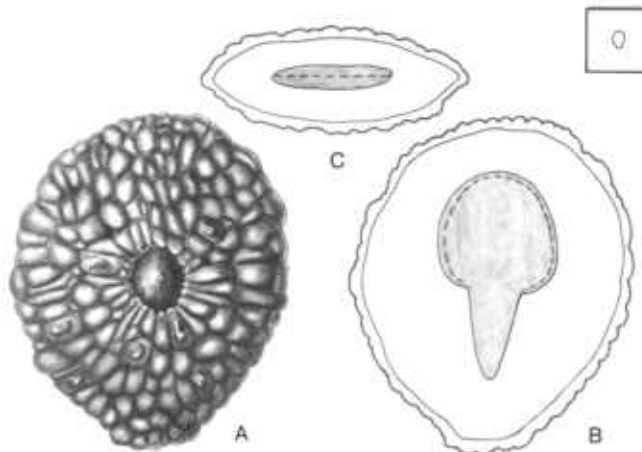
Apiceae

Tordylium aegyptiacum (Linnaeus) Lamarck (A-F) (X 2.6).
A-B, Fruit segments of dimorphic fruits; C-D, embryos
in situ within fruit segments; E-F, transections of fruit
segments.

Notes: Plant produces dimorphic fruits. Both types, (A,
C, E) and (B, D, F), are illustrated.

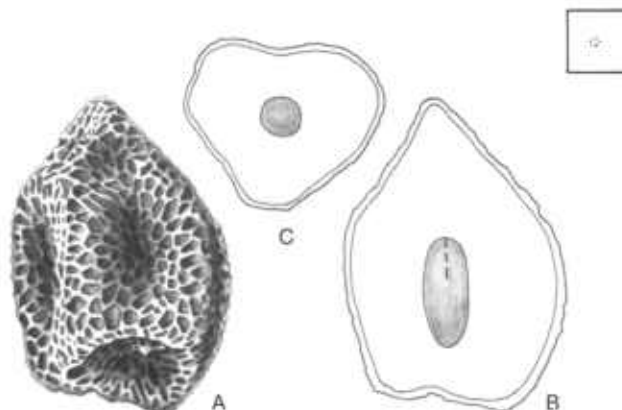
Loganiaceae

Spigelia anthelmia Linnaeus (A-C) (X 18). A, Seed; B, embryo in situ; C, transection of seed.



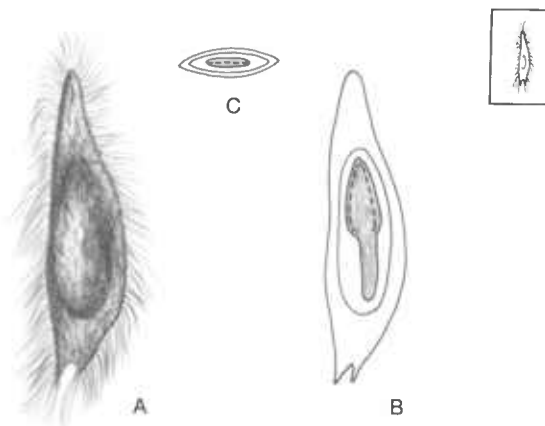
Gentianaceae

Canscora decussata Schultes (A-C) (X 60). A, Seed; B, embryo in situ; C, transection of seed.



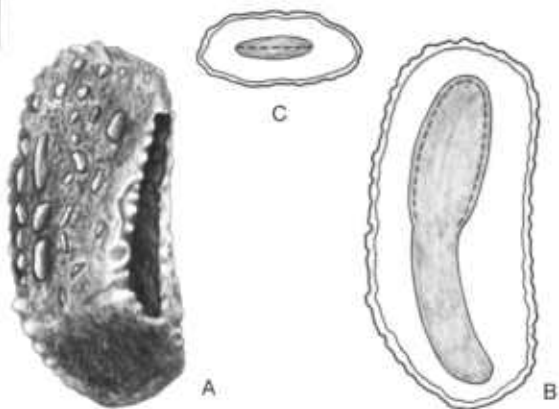
Apocynaceae

Alstonia constricta F. v. Mueller (A-C). A, Seed (X 6); B, embryo in situ (X 6); C, transection of seed (X 8).



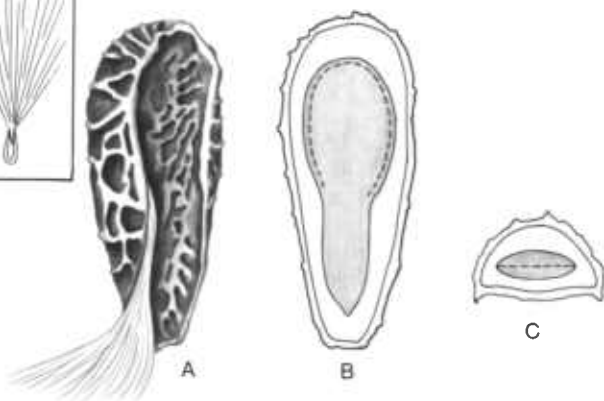
Asteridae
 Apocynaceae
 Asclepiadaceae
 Solanaceae

0



Apocynaceae

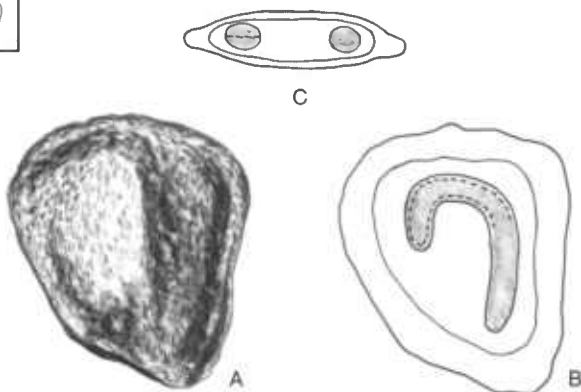
Lochnera pusilla K. Schumacher (A-C) (X 16). A, Seed; B, embryo in situ; C, transection of seed.



Asclepiadaceae

Asclepias physocarpa (E. Meyer) Schlechter (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.

1

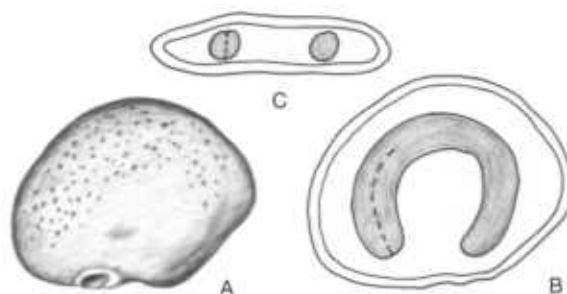


Solanaceae

Jaborosa runcinata Lamarck (A-C) (X 8). A, Seed; B, embryo in situ; C, transection of seed.

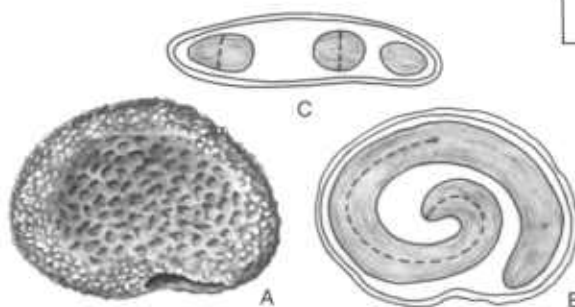
Solanaceae

Lycium ferocissimum Miers (A-C) (X 12). A, Seed; B, embryo in situ; C, transection of seed.



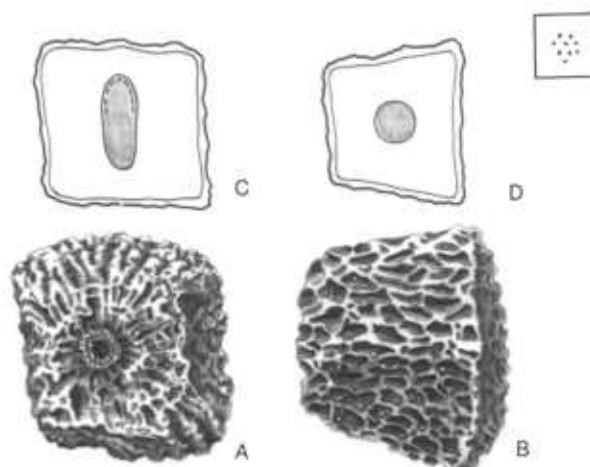
Solanaceae

Physalis minima Linnaeus (A-C) (X 16). A, Seed; B, embryo in situ; C, transection of seed.

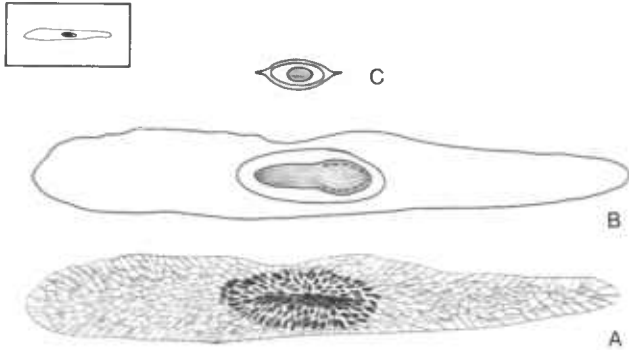


Solanaceae

Schwenkia americana Linnaeus (A-D) (X 56). A-B, Seed in two views; C, embryo in situ; D, transection of seed.

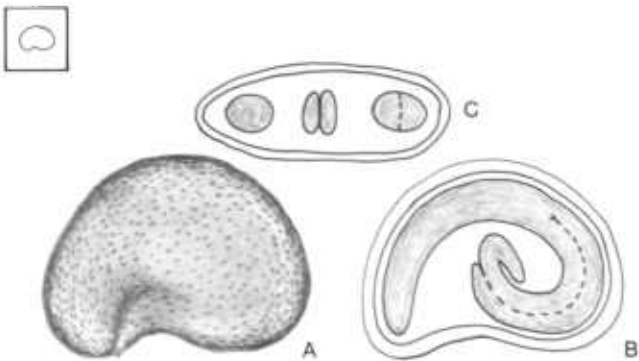


Asteridae
Solanaceae



Solanaceae

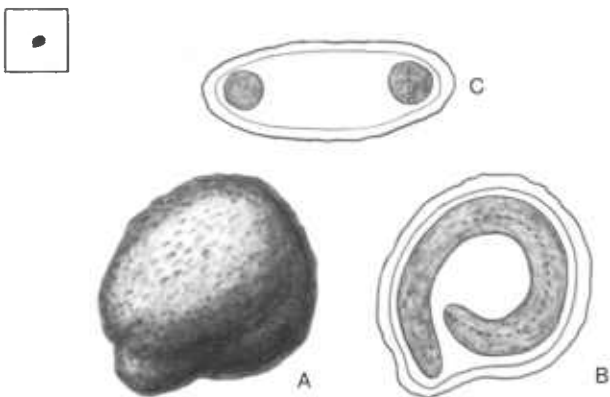
Sessea brasiliensis Toledo (A-C) (X 8). A, Seed; B, embryo in situ; C, transection of seed.



Solanaceae

Solanum glaucum Dunal (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.

Solanum dubium Fresenius (not seen)
Solanum hystrix R. Brown

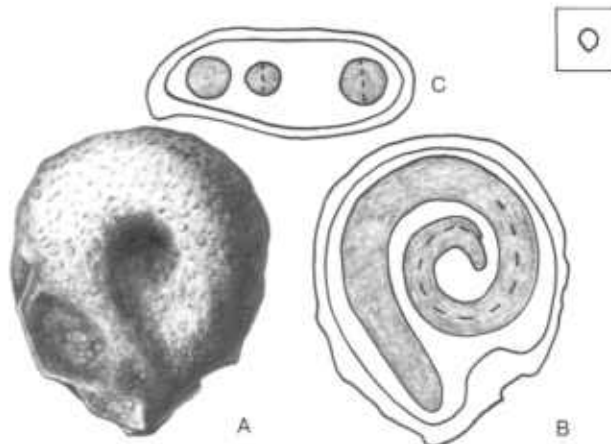


Solanaceae

Solanum grossedentatum A. Richard (A-C) (X 22). A, Seed; B, embryo in situ; C, transection of seed.

Solanaceae

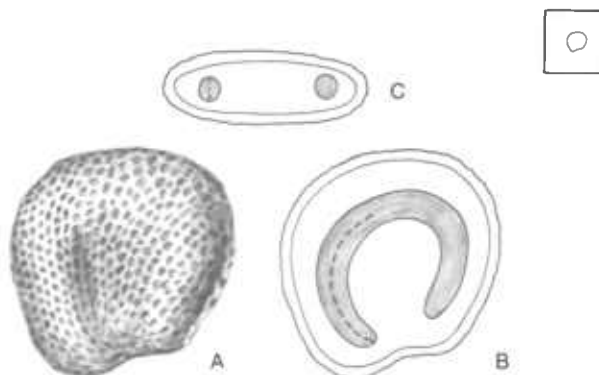
Solanum sodomium Linnaeus (A-C) (X 12). A, Seed; B, embryo in situ; C, transection of seed.



Solanaceae

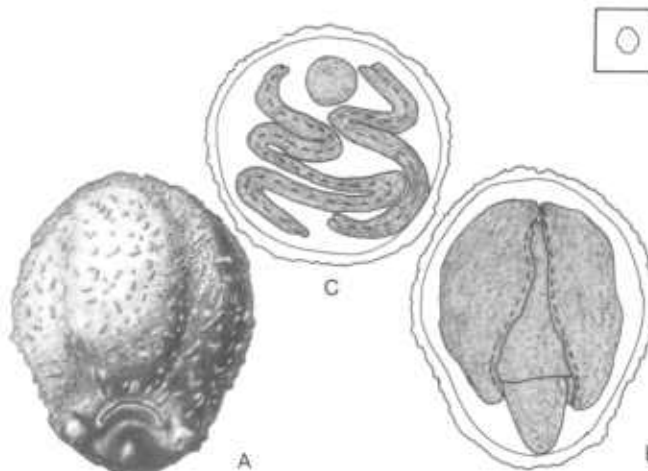
Solanum torvum Swartz (A-C) (X 14). A, Seed; B, embryo in situ; C, transection of seed.

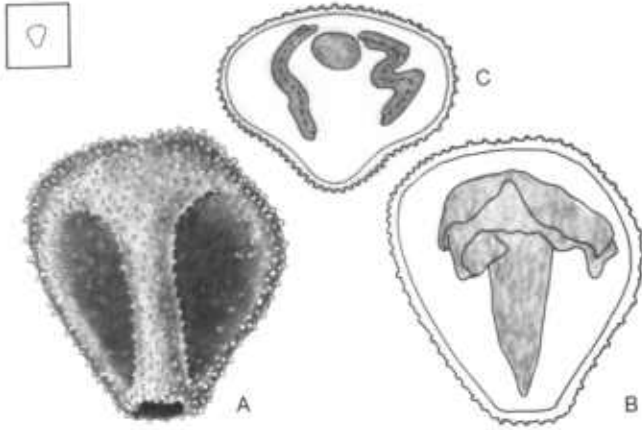
Solanum xanthocarpum Schrader & Wendland



Convolvulaceae

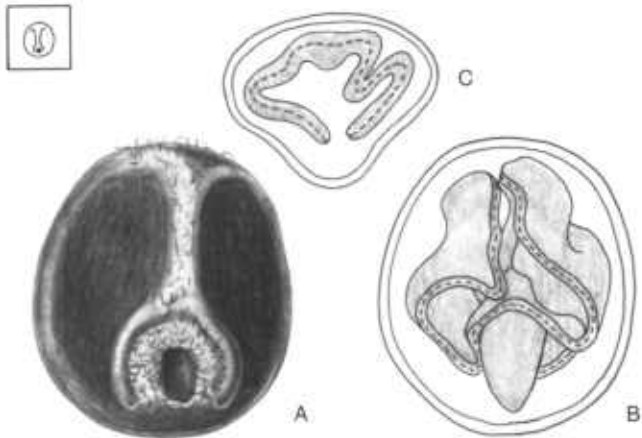
Calystegia japonica Choisy (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.





Convolvulaceae

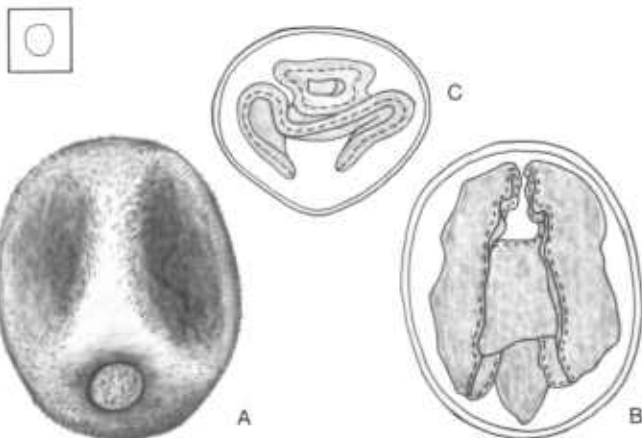
Convolvulus tricolor Linnaeus (A-C) (X 16). A, Seed; B, embryo in situ; C, transection of seed.



Convolvulaceae

Ipomoea aquatica Forsskal (A-C) (X 8). A, Seed; B, embryo in situ; C, transection of seed.

Ipomoea cordofana Choisy
Ipomoea hardwickii Hemsley
Ipomoea littoralis Blume



Convolvulaceae

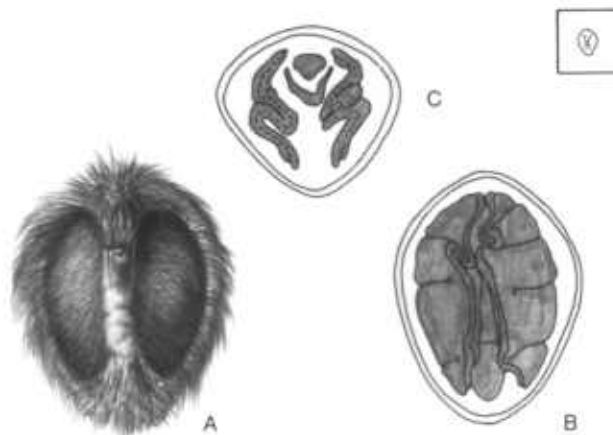
Ipomoea pes-tigridis Linnaeus (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.

Ipomoea muelleri Benth
Ipomoea plebeia R. Brown

Convolvulaceae

Ipomoea sinensis (Desrousseaux) Choisy (A-C) (X 8). A, Seed; B, embryo in situ; C, transection of seed.

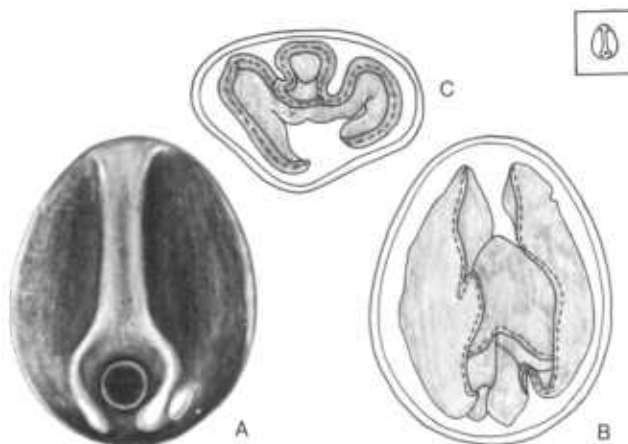
Ipomoea tiliacea (Willdenow) Choisy



Convolvulaceae

Ipomoea triloba Linnaeus (A-C) (X 12). A, Seed; B, embryo in situ; C, transection of seed.

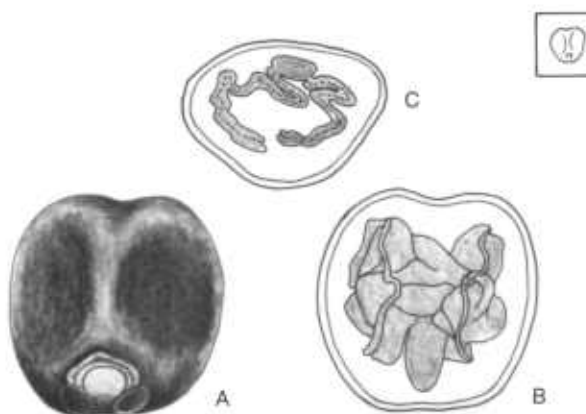
Ipomoea trifida (Humboldt, Bonpland, Kunth) G. Don

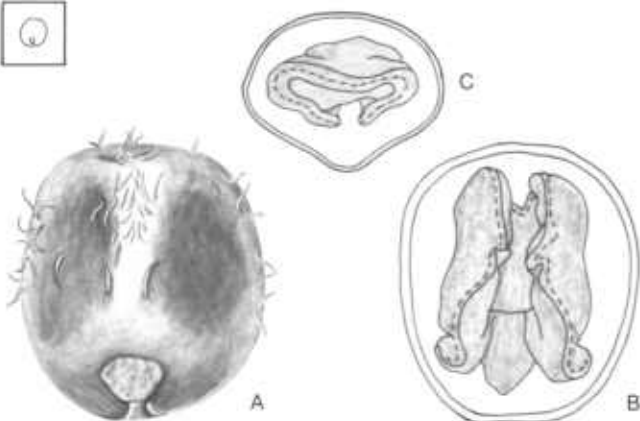


Convolvulaceae

Merremia aegyptia (Linnaeus) Urban (A-C) (X 6). A, Seed; B, embryo in situ; C, transection of seed.

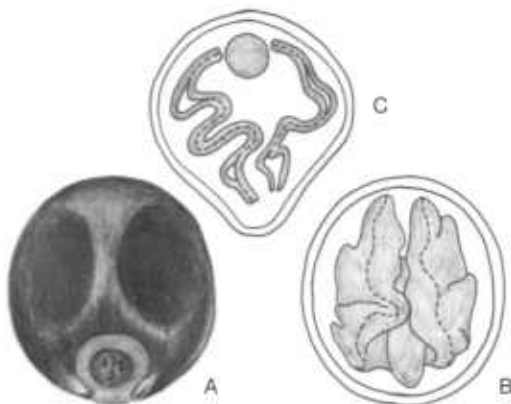
Merremia emarginata (N.L. Burman) H. Hallier





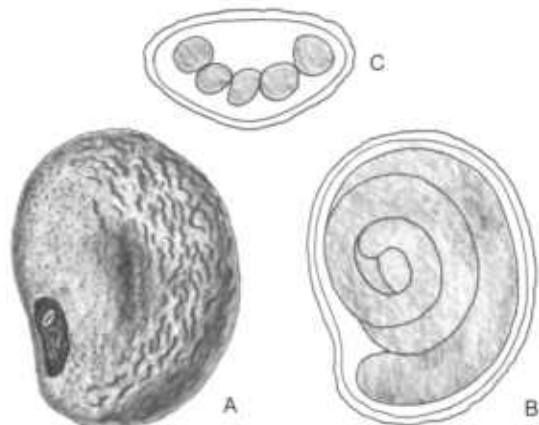
Convolvulaceae

Merremia quinquefolia (Linnaeus) H. Hallier (A-C) (X 10).
A, Seed; B, embryo in situ; C, transection of seed.



Convolvulaceae

Operculina turpethum (Linnaeus) Manso (A-C) (X 6). A,
Seed; B, embryo in situ; C, transection of seed.

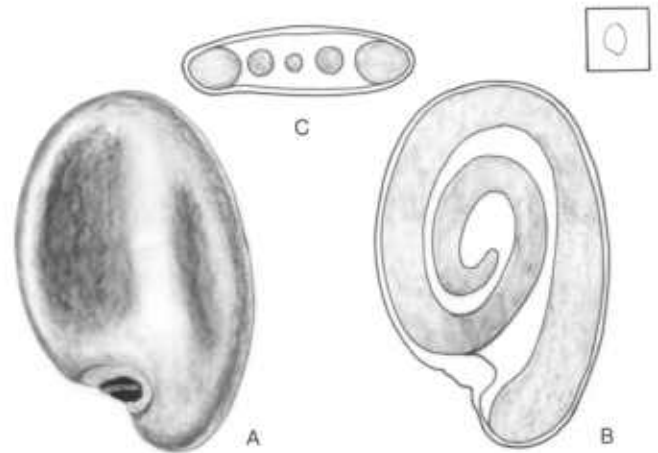


Cuscutaceae

Cuscuta australis R. Brown (A-C) (X 20). A, Seed; B,
embryo in situ; C, transection of seed.

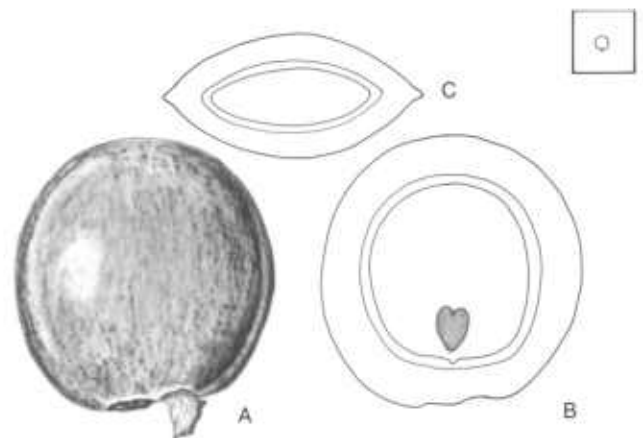
Cuscutaceae

Cuscuta monogyna Vahl (A-C) (X 12). A, Seed; B, embryo in situ; C, transection of seed.



Menyanthaceae

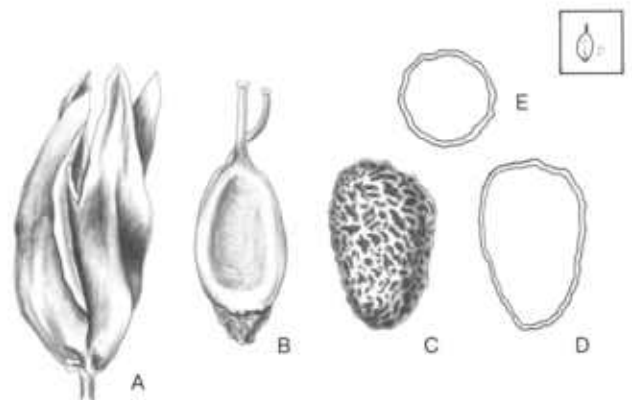
Nymphoides humboldtianum (Humboldt, Bonpland, Kunth) O. Kuntze (A-C) (X 32). A, Seed; B, embryo in situ; C, transection of seed.



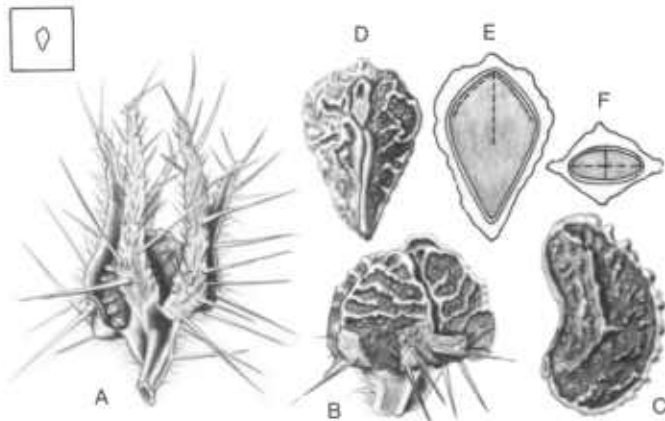
Hydrophyllaceae

Hydrolea glabra Schumacher & Thonning (A-E). A, Fruit with persistent calyx (X 5); B, fruit with calyx removed (X 6); C, seed (X 53.3); D, longitudinal section of seed, embryo not discernible (X 53.3); E, transection of seed (X 53.3).

Hydrolea macrosepala A.W. Bennett

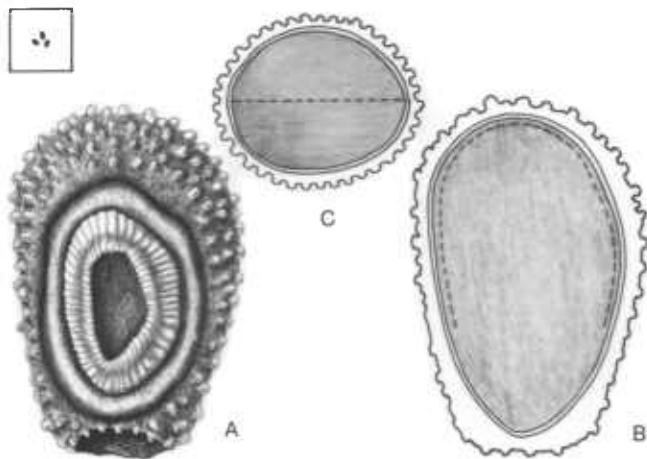


Asteridae
Boraginaceae



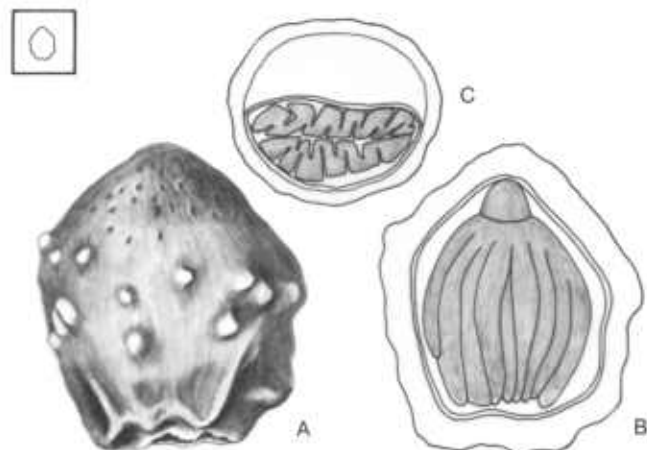
Boraginaceae

Amsinckia calycina (Moris) Chater (A-F). A, Fruit with persistent calyx (X 6); B, fruit with calyx removed (X 6); C-D, fruit segment in two views (X 14); E, embryo in situ within fruit segment (X 14); F, transection of fruit segment (X 14).



Boraginaceae

Bothriospermum tenellum (Hornemann) Fischer & Meyer (A-C) (X 32). A, Fruit segment; B, embryo in situ within fruit segment; C, transection of fruit segment.



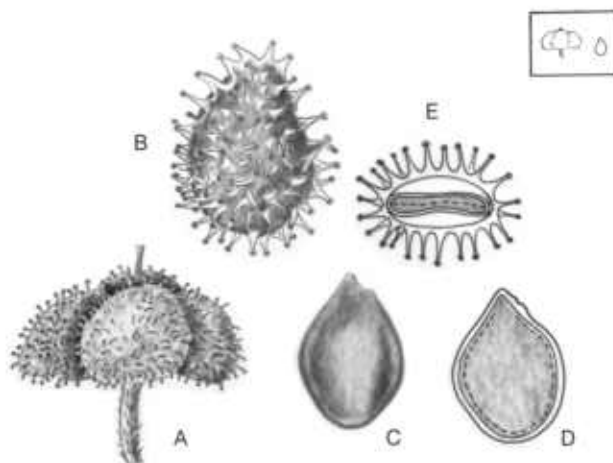
Boraginaceae

Cordia curassavica Roemer & Schultes (A-C) (X 10). A, Fruit segment; B, embryo in situ within fruit segment; C, transection of fruit segment.

Cordia boissieri A. de Candolle

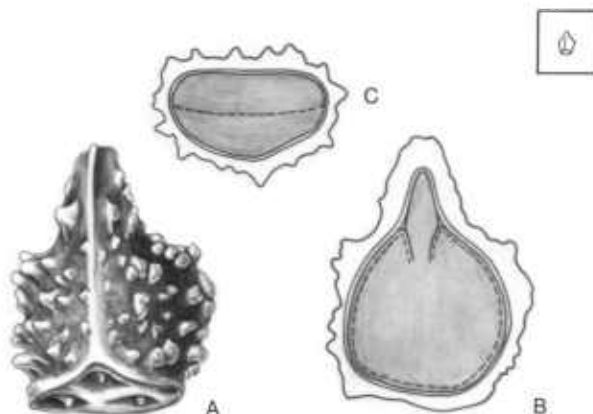
Boraginaceae

Cynoglossum coeruleum Hochstetter ex de Candolle (A-E). A, Fruit (X 5); B, fruit segment (X 10); C, seed (X 10); D, embryo in situ (X 10); E, transection of fruit segment (X 10).



Boraginaceae

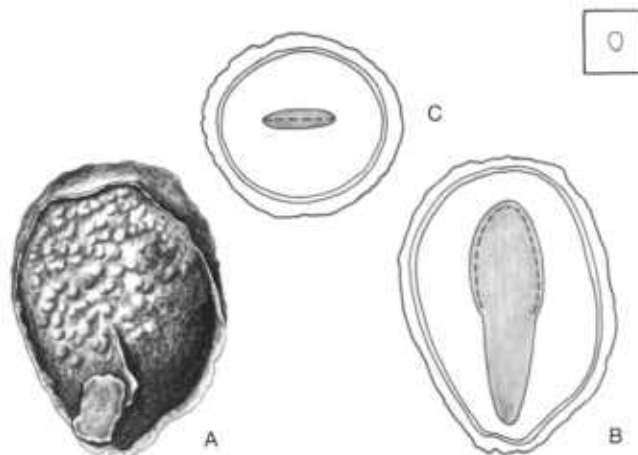
Echium plantagineum Linnaeus (A-C) (X 12). A, Fruit segment; B, embryo in situ within fruit segment; C, transection of fruit segment.



Boraginaceae

Heliotropium ellipticum Ledebour (A-C) (X 20). A, Fruit segment; B, embryo in situ within fruit segment; C, transection of fruit segment.

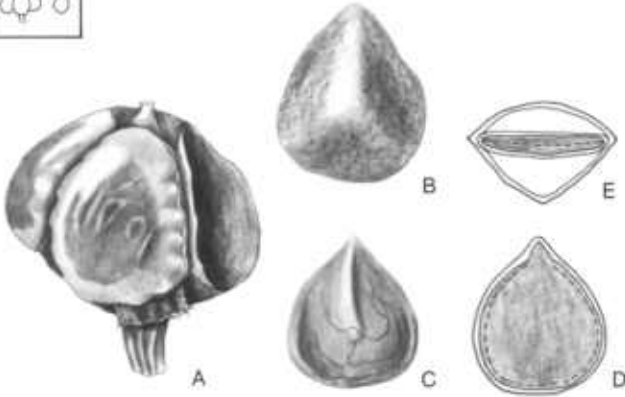
Heliotropium bovei Boissier
Heliotropium sudanicum F.W. Andrews





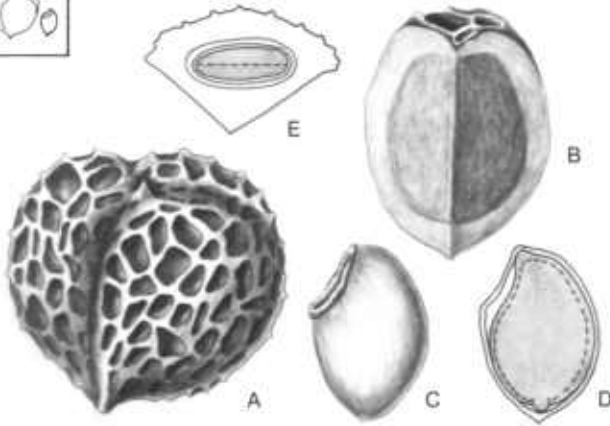
Boraginaceae

Trichodesma zeylanicum R. Brown (A-E) (X 6). A, Fruit; B, fruit segment; C, seed; D, embryo in situ; E, transection of fruit segment.



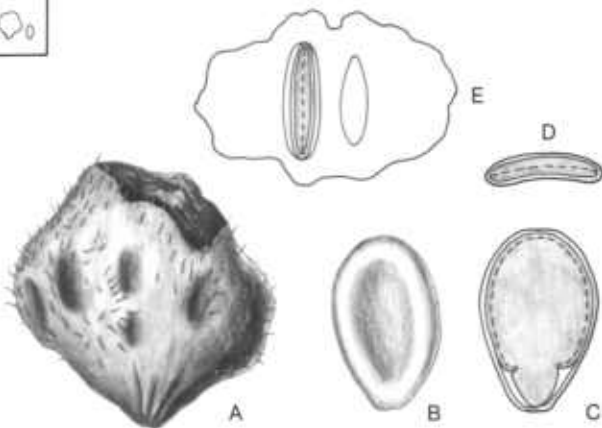
Verbenaceae

Clerodendrum philippinum Schauer (A-E) (X 4). A, Fruit; B, fruit segment; C, seed; D, embryo in situ; E, transection of fruit segment.



Verbenaceae

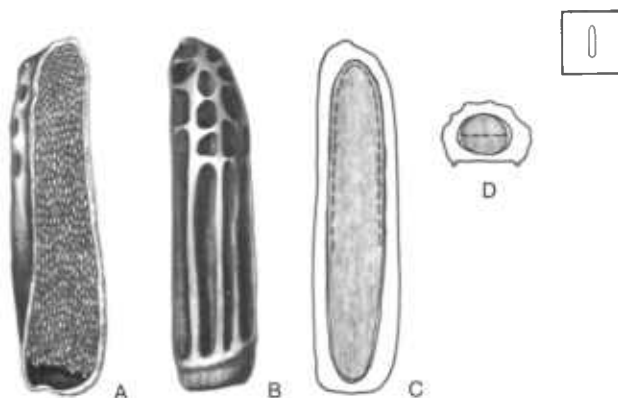
Lantana trifolia Linnaeus (A-E) (X 10). A, Fruit; B, seed; C, embryo in situ; D, transection of seed; E, transection of two-celled fruit showing seed placement.



Verbenaceae

Stachytarpheta angustifolia Vahl (A-D) (X 12). A-B, Fruit segment in two views; C, embryo in situ; D, transection of fruit segment.

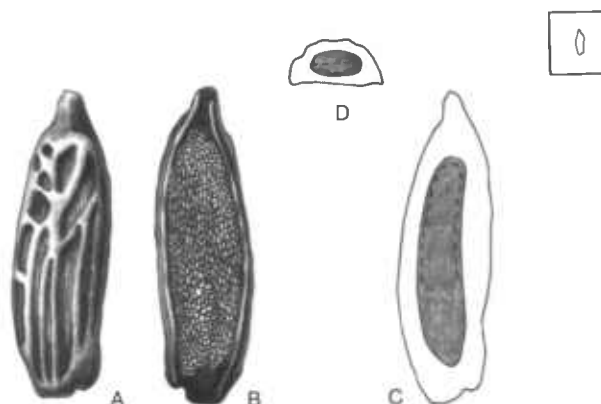
Stachytarpheta cayennensis (L.C. Richard) Vahl
Stachytarpheta indica (Linnaeus) Vahl



Verbenaceae

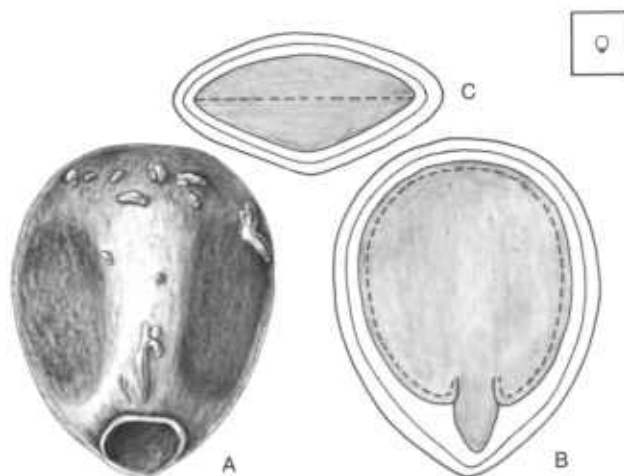
Stachytarpheta jamaicensis (Linnaeus) Vahl (A-D) (X 10). A-B, Fruit segment in two views; C, embryo in situ; D, transection of fruit.

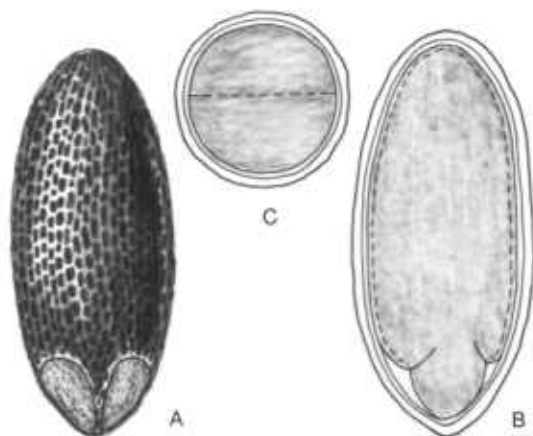
Stachytarpheta urticaefolia (Salisbury) Sims



Lamiaceae

Galeopsis speciosa Miller (A-C) (X 16). A, Fruit segment; B, embryo in situ; C, transection of fruit segment.

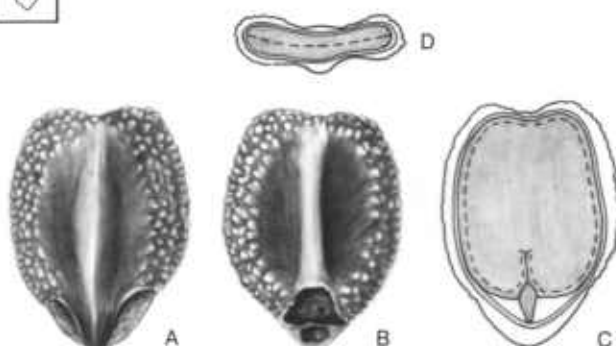




Lamiaceae

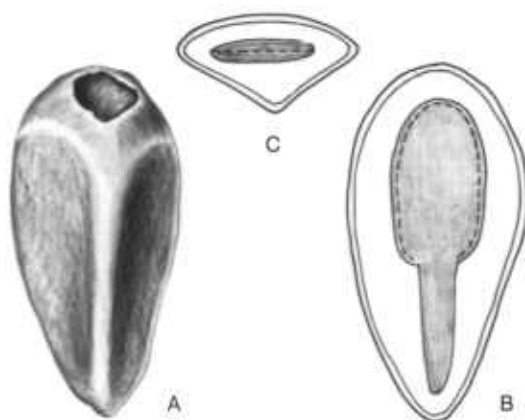
Hyptis gaudichaudii Bentham (A-C) (X 60). A, Fruit segment; B, embryo in situ; C, transection of fruit segment.

Hyptis brevipes Poiteau
Hyptis capitata Jacquin
Hyptis lanceolata Poiteau
Hyptis pectinata (Linnaeus) Poiteau



Lamiaceae

Hyptis suaveolens (Linnaeus) Poiteau (A-D) (X 8). A-B, Fruit segment in two views; C, embryo in situ; D, transection of fruit segment.



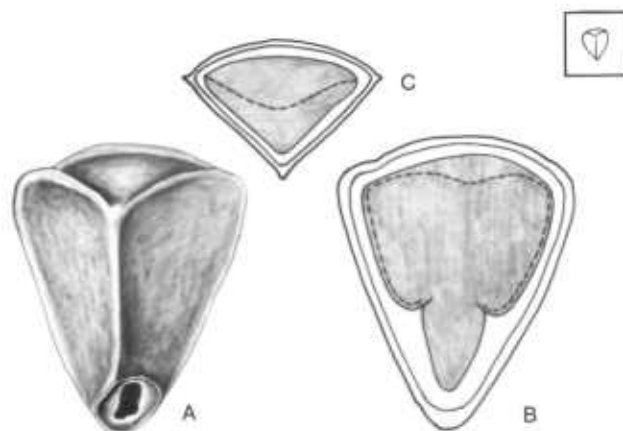
Lamiaceae

Leucas martinicensis R. Brown (A-C) (X 32). A, Fruit segment; B, embryo in situ; C, transection of fruit segment.

Leucas glabrata R. Brown
Leucas lavandulaefolia J.E. Smith
Leucas urticaefolia R. Brown

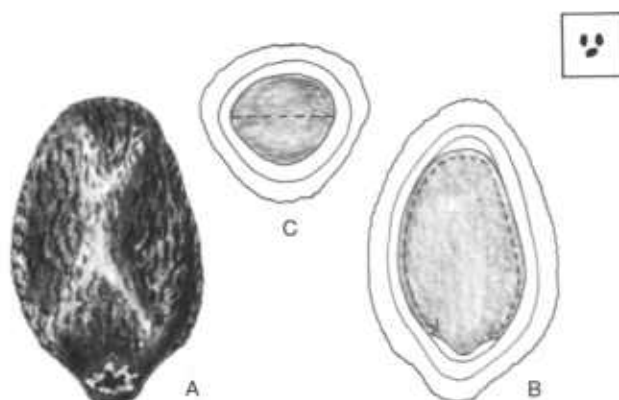
Lamiaceae

Molucella laevis Linnaeus (A-C) (X 10). A, Fruit segment; B, embryo in situ; C, transection of fruit segment.



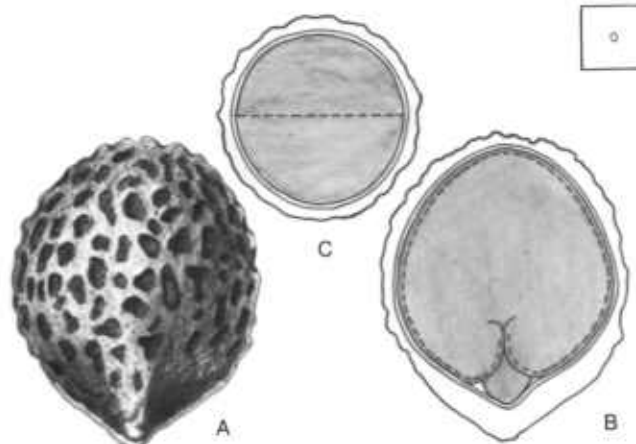
Lamiaceae

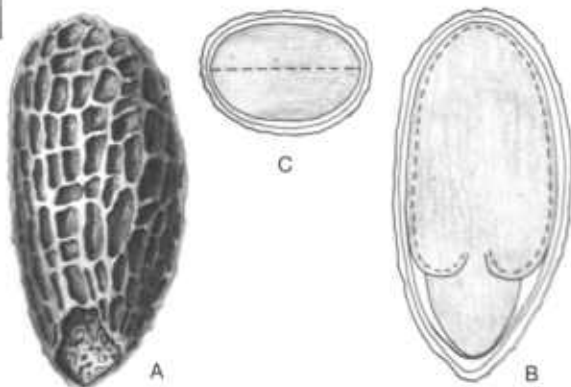
Ocimum americanum Linnaeus (A-C) (X 28). A, Fruit segment; B, embryo in situ; C, transection of fruit segment.



Lamiaceae

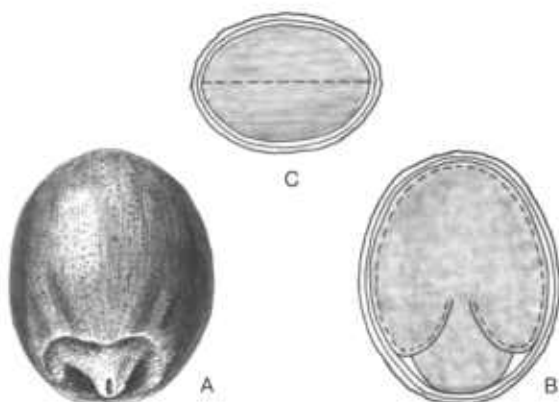
Ocimum gratissimum Linnaeus (A-C) (X 32). A, Fruit segment; B, embryo in situ; C, transection of fruit segment.





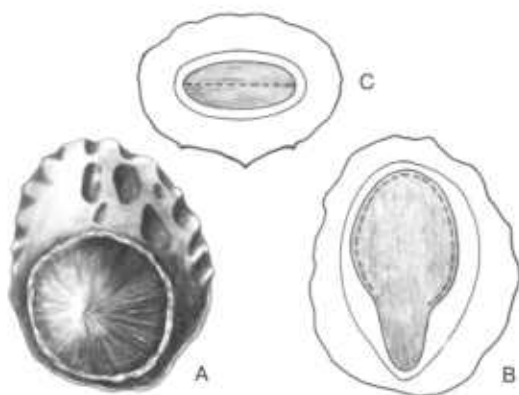
Lamiaceae

Platystoma africanum Palisot de Beauvois (A-C) (X 66). A, Fruit segment; B, embryo in situ; C, transection of fruit segment.



Lamiaceae

Satureja pseudosimensis Brenan (A-C) (X 64). A, Fruit segment; B, embryo in situ; C, transection of fruit segment.

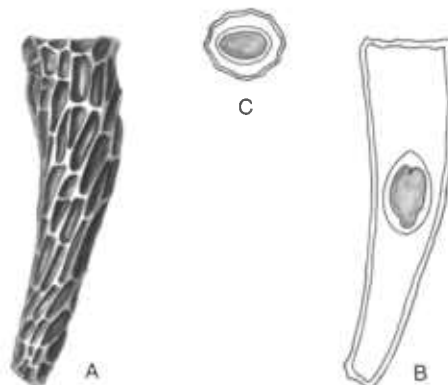


Lamiaceae

Teucrium scordium Linnaeus (A-C) (X 32). A, Fruit segment; B, embryo in situ; C, transection of fruit segment.

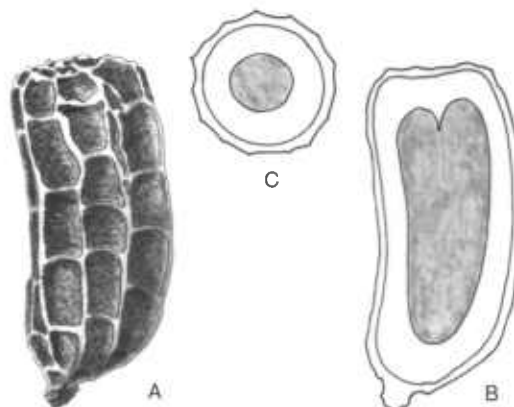
Scrophulariaceae

Alectra stricta Benth (A-C) (X 36). A, Seed; B, embryo in situ; C, transection of seed.



Scrophulariaceae

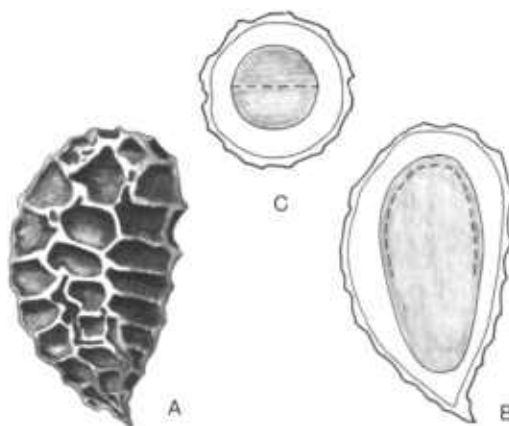
Bacopa erecta Hutchinson & Dalziel (A-C) (X 100). A, Seed; B, embryo in situ; C, transection of seed.

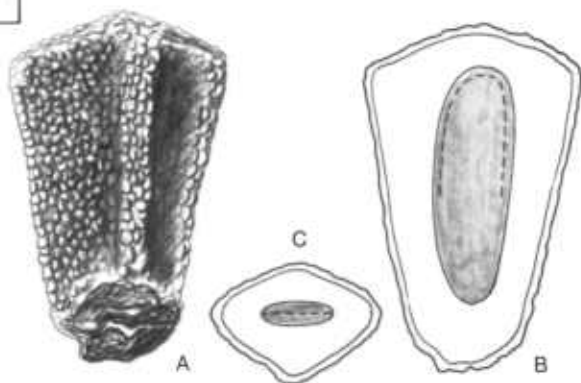


Bacopa crenata (Palisot de Beauvois) Hepper

Scrophulariaceae

Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Benth (A-C) (X 100). A, Seed; B, embryo in situ; C, transection of seed.

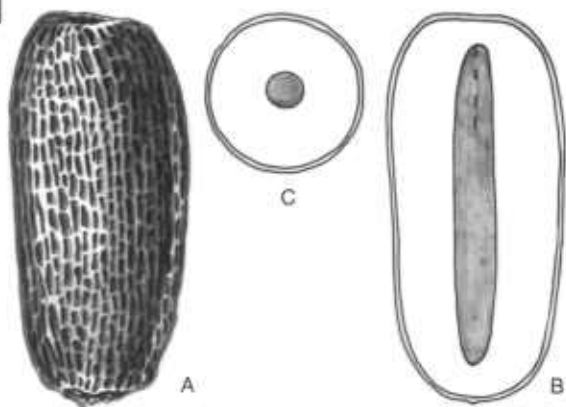




Scrophulariaceae

Limnophila heterophylla Benth (A-C) (X 100). A, Seed; B, embryo in situ; C, transection of seed.

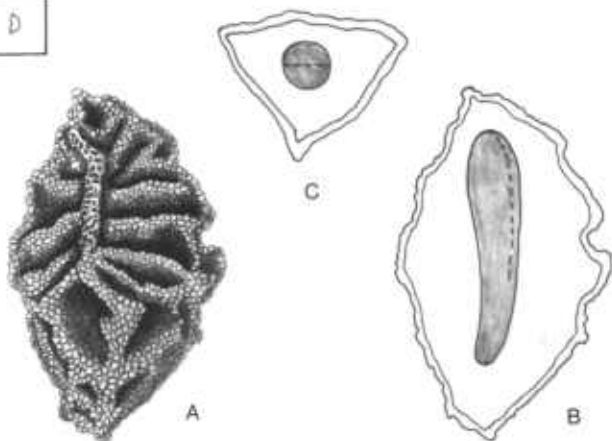
Limnophila conferta Benth
Limnophila gratioloides R. Brown



Scrophulariaceae

Limnophila sessiliflora (Vahl) Blume (A-C) (X 66). A, Seed; B, embryo in situ; C, transection of seed.

Limnophila micrantha Benth (not seen)



Scrophulariaceae

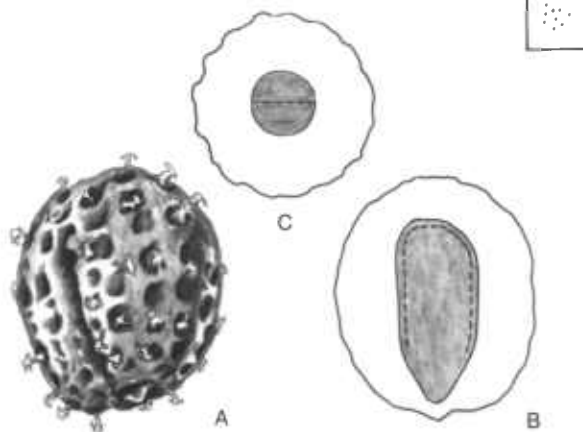
Linaria triphylla (Linnaeus) Miller (A-C) (X 34.6). A, Seed; B, embryo in situ; C, transection of seed.

Scrophulariaceae

Lindernia ciliata (Colsmann) Pennell (A-C) (X 68). A, Seed; B, embryo in situ; C, transection of seed.

Lindernia angustifolia (Bentham) Wettstein

Lindernia cordifolia (Colsmann) Merrill



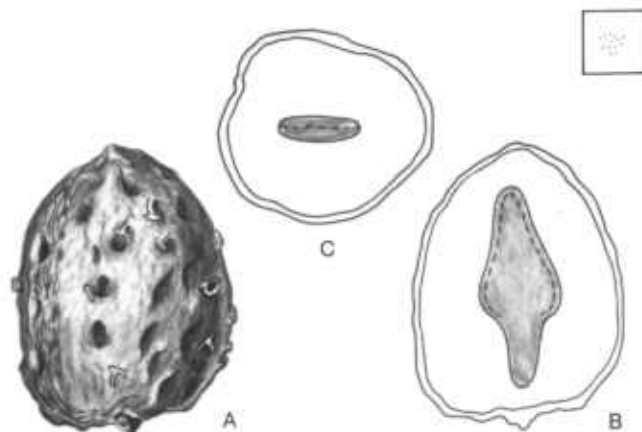
Scrophulariaceae

Lindernia crustacea (Linnaeus) F. v. Mueller (A-C) (X 100). A, Seed; B, embryo in situ; C, transection of seed.

Lindernia pedunculata (Bentham) Wettstein

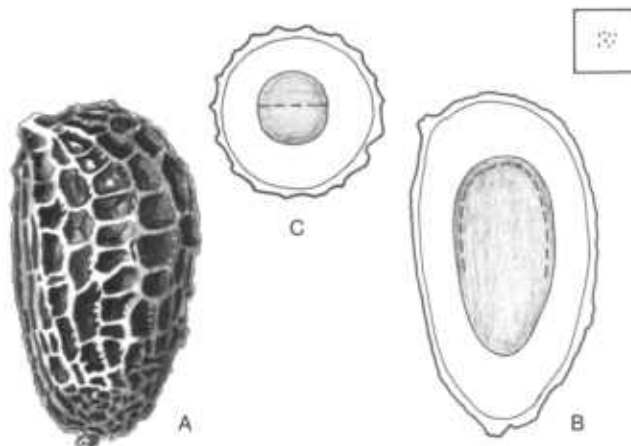
Lindernia procumbens (Krocker) Philcox

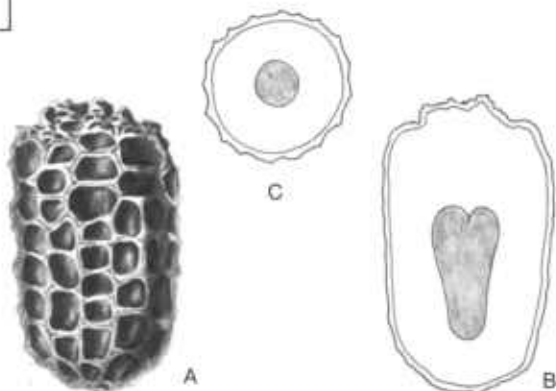
Lindernia ruelloides (Colsmann) Pennell



Scrophulariaceae

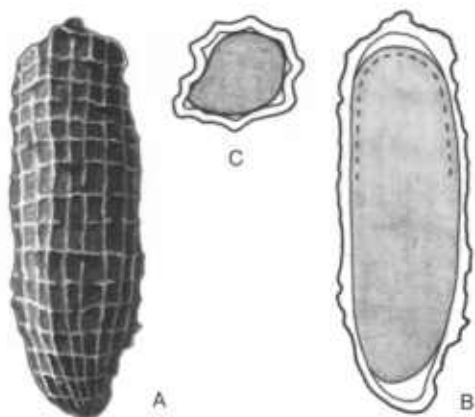
Mazus pumilus (N.L. Burman) Steenis (A-C) (X 80). A, Seed; B, embryo in situ; C, transection of seed.





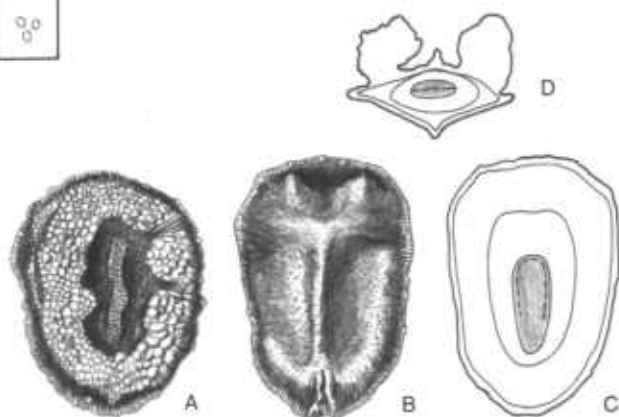
Scrophulariaceae

Mecardonia dianthera (Swartz) Pennell (A-C) (X 100). A, Seed; B, embryo in situ; C, transection of seed.



Scrophulariaceae

Mimulus orbicularis Wallich (A-C) (X 80). A, Seed; B, embryo in situ; C, transection of seed.

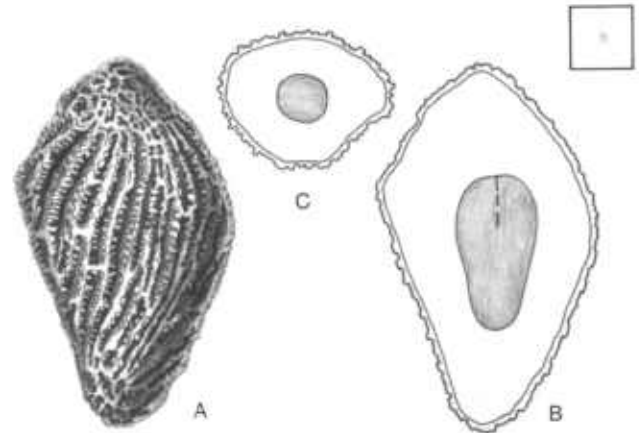


Scrophulariaceae

Misopates orontium (Linnaeus) Rafinesque (A-D) (X 32). A-B, Seed in two views; C, embryo in situ; D, transection of seed.

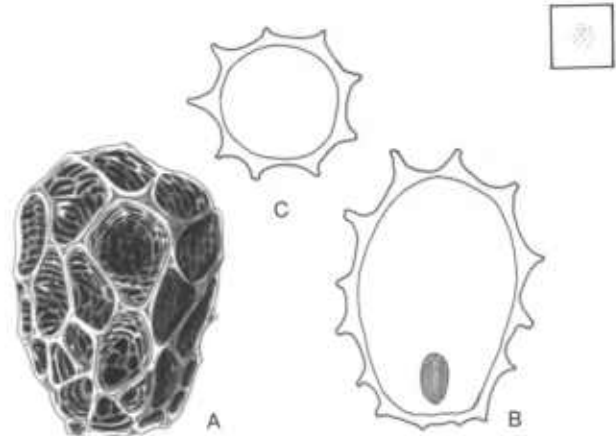
Scrophulariaceae

Striga asiatica (Linnaeus) O. Kuntze (A-C) (X 146). A, Seed; B, embryo in situ; C, transection of seed.



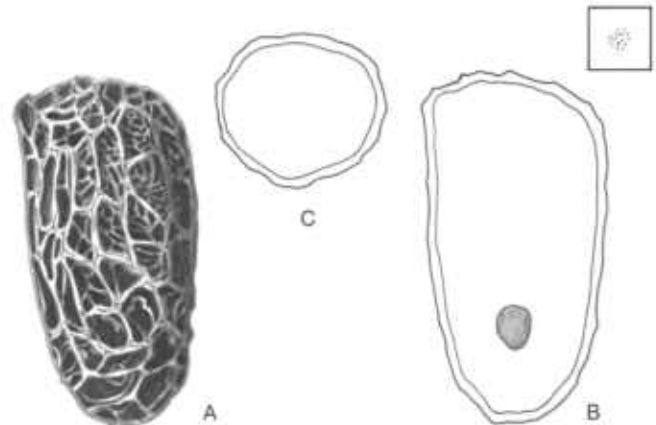
Orobanchaceae

Aeginetia indica Linnaeus (A-C) (X 120). A, Seed; B, embryo in situ; C, transection of seed.



Orobanchaceae

Orobanche aegyptiaca Persoon (A-C) (X 80). A, Seed; B, embryo in situ; C, transection of seed.

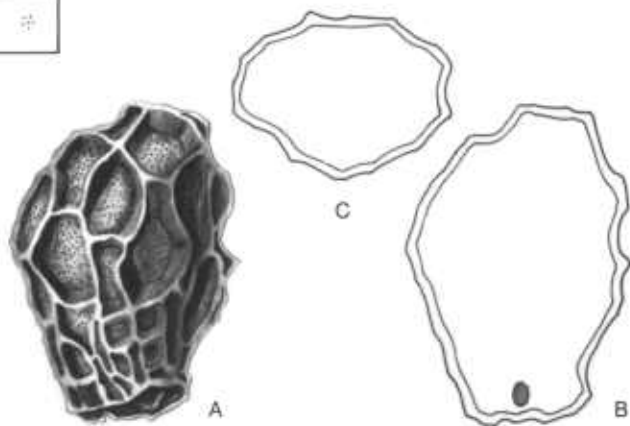


Asteridae
Orobanchaceae
Acanthaceae



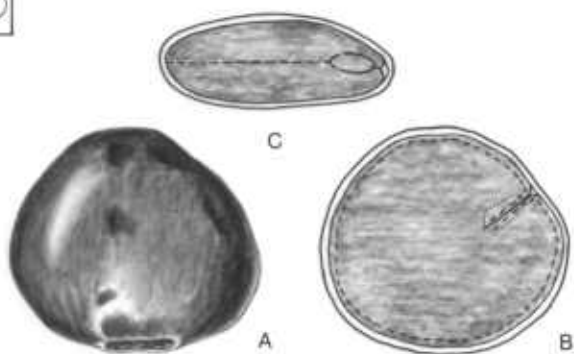
Orobanchaceae

Orobanche cernua Loeffling (A-C) (X 130). A, Seed; B, embryo in situ; C, transection of seed.



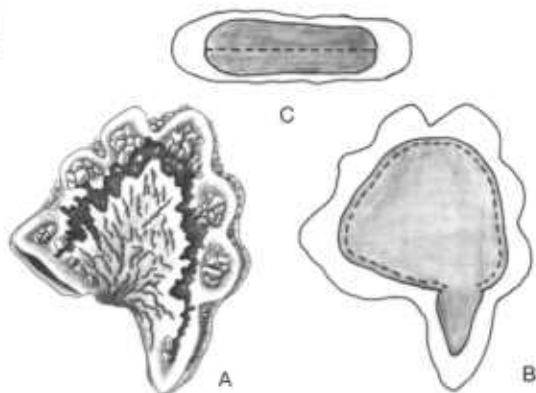
Acanthaceae

Acanthus montanus T. Anderson (A-C) (X 5). A, Seed; B, embryo in situ; C, transection of seed.



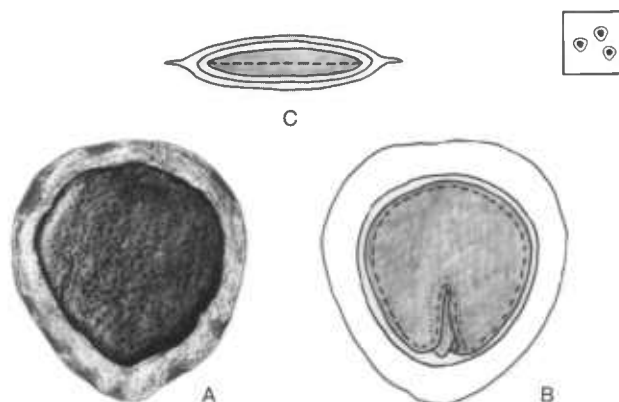
Acanthaceae

Asystasia schimperi T. Anderson (A-C) (X 8). A, Seed; B, embryo in situ; C, transection of seed.



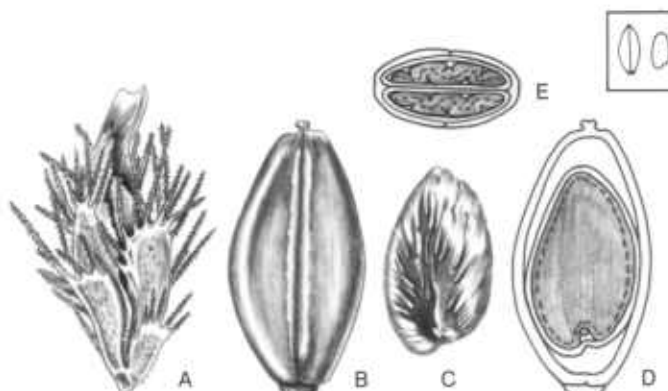
Acanthaceae

Blechum pyramidatum (Lamarck) Urban (A-C) (X 20). A, Seed; B, embryo in situ; C, transection of seed.



Acanthaceae

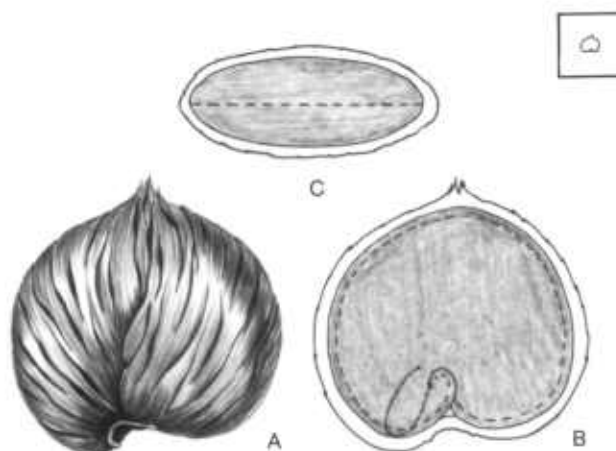
Blepharis maderaspatensis (Linnaeus) Roth (A-E). A, Fruiting head (X 4); B, fruit (X 5); C, seed (X 5); D, embryo in situ (X 5); E, transection of fruit (X 5).

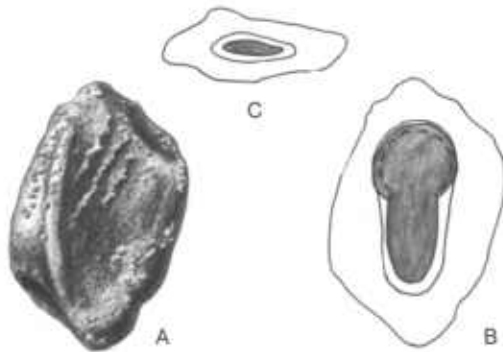


Acanthaceae

Brillantaisia lamium Benth (A-C) (X 24). A, Seed; B, embryo in situ; C, transection of seed.

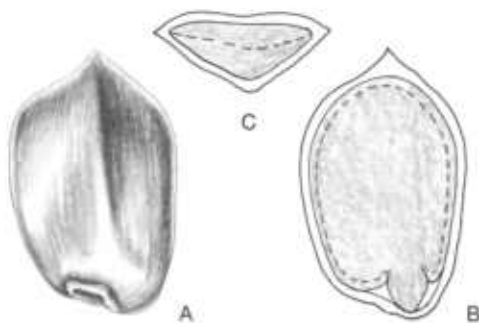
Brillantaisia nitens Lindau





Acanthaceae

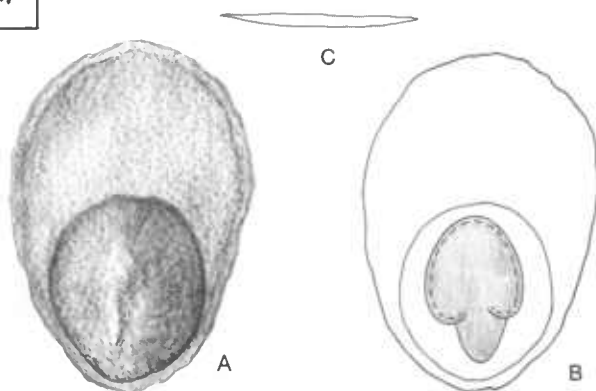
Elytraria crenata Vahl (A-C) (X 48). A, Seed; B, embryo in situ; C, transection of seed.



Acanthaceae

Hygrophila phlomoides Nees (A-C) (X 36). A, Seed; B, embryo in situ; C, transection of seed.

Hygrophila angustifolia R. Brown
Hygrophila difformis (Linnaeus f.) Blume



Acanthaceae

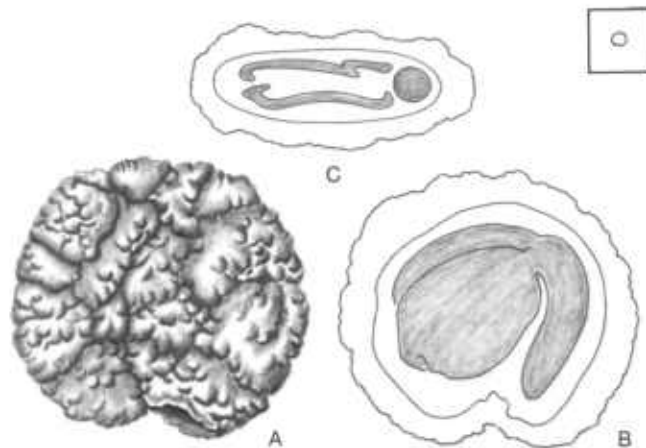
Hygrophila polysperma T. Anderson (A-C) (X 66). A, Seed; B, embryo in situ; C, transection of seed.

Hygrophila pobeguini Benoist
Hygrophila spinosa T. Anderson

Acanthaceae

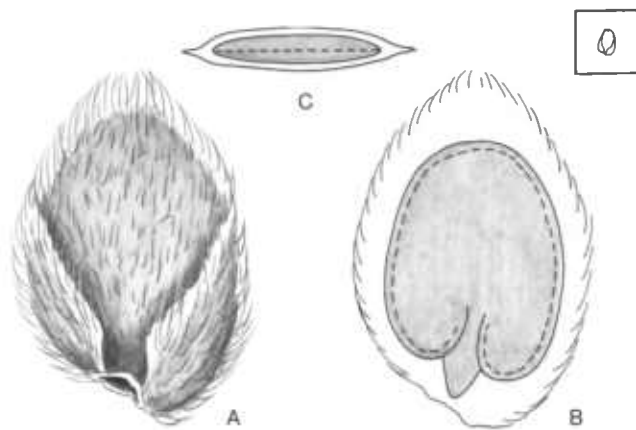
Justicia flava Kurz (A-C) (X 18). A, Seed; B, embryo in situ; C, transection of seed.

Justicia insularis T. Anderson
Justicia simplex D. Don



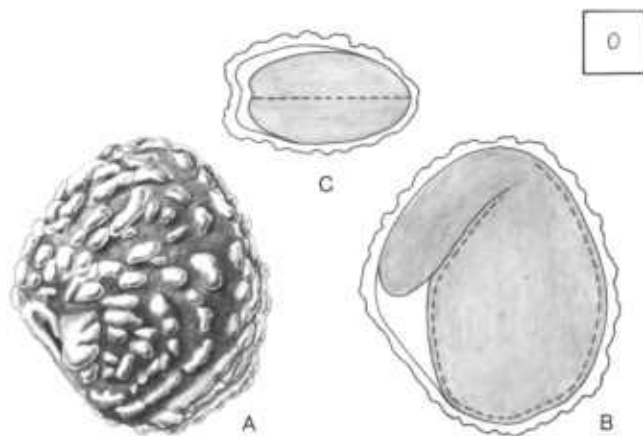
Acanthaceae

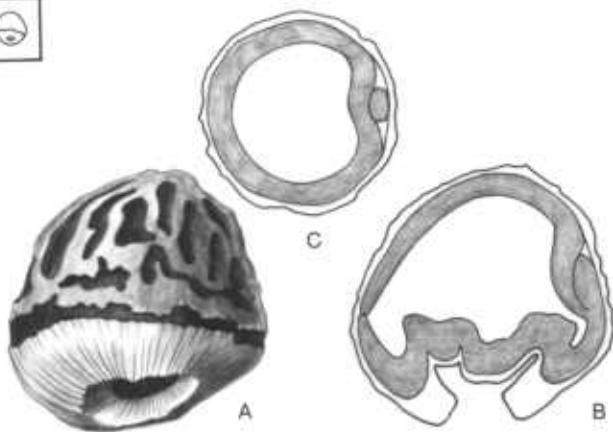
Ruellia tuberosa Linnaeus (A-C) (X 16). A, Seed; B, embryo in situ; C, transection of seed.



Acanthaceae

Rungia repens Nees (A-C) (X 20). A, Seed; B, embryo in situ; C, transection of seed.

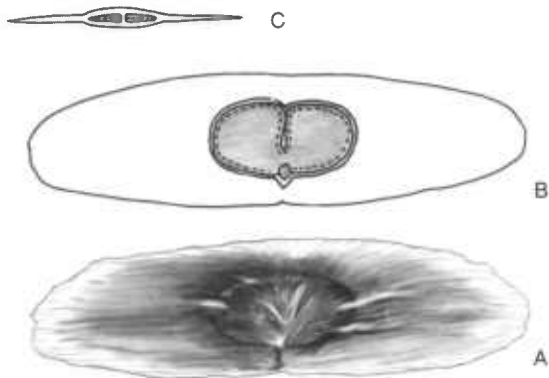
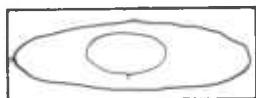




Acanthaceae

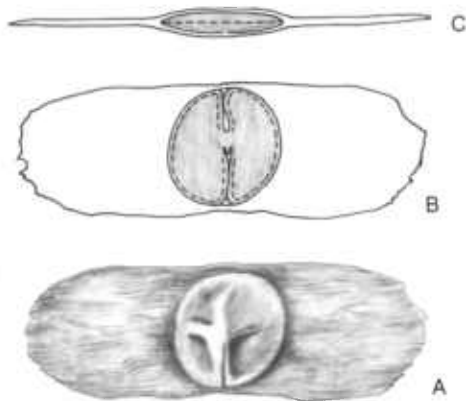
Thunbergia fragrans Roxburgh (A-C) (X 8). A, Seed; B, embryo in situ; C, transection of seed.

Thunbergia annua Hochstetter ex Nees



Bignoniaceae

Macfadyena unguis-cati (Linnaeus) Gentry (A-C) (X 2). A, Seed; B, embryo in situ; C, transection of seed.



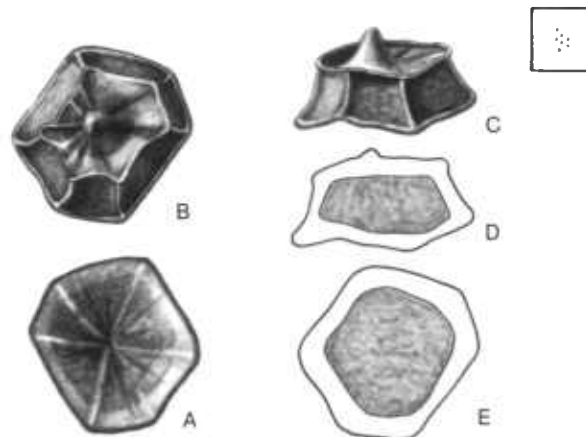
Bignoniaceae

Pseudocalymna alliaceum (Lamarck) Sandwith (A-C) (X 1). A, Seed; B, embryo in situ; C, transection of seed.

Lentibulariaceae

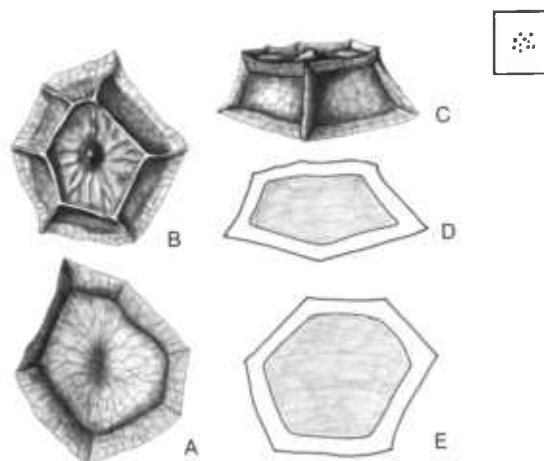
Utricularia inflexa Forsskal (A-E) (X 20). A-C, Seed in three views; D, undifferentiated embryo in situ; E, transection of seed.

Utricularia aurea Loureiro



Lentibulariaceae

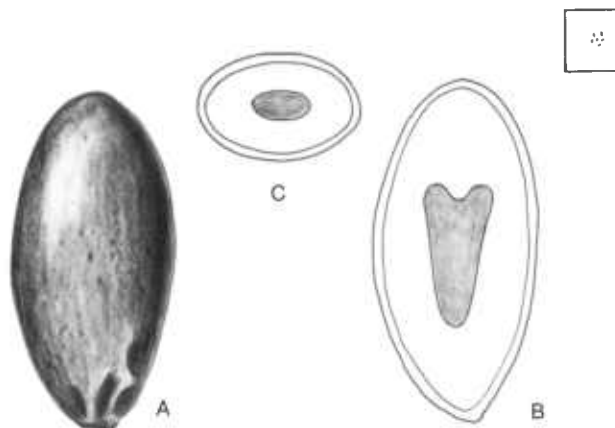
Utricularia stellaris Linnaeus f. (A-E) (X 40). A-C, Seed in three views; D, undifferentiated embryo in situ; E, transection of seed.

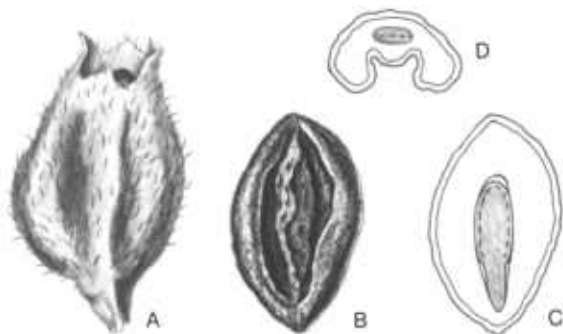


Campanulaceae

Lobelia chinensis Loureiro (A-C) (X 90). A, Seed; B, embryo in situ; C, transection of seed.

Lobelia cliffortiana Linnaeus

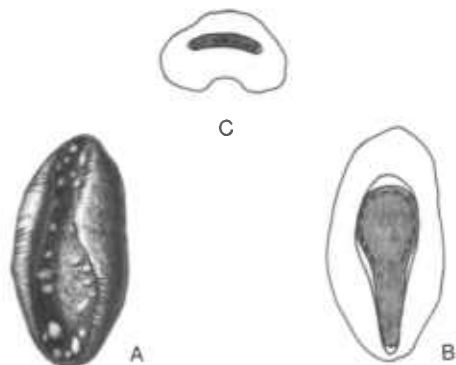




Rubiaceae

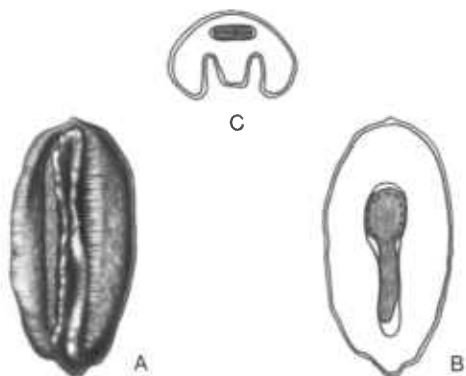
Borreria alata (Aublet) de Candolle (A-D) (X 10). A, Fruit; B, seed; C, embryo in situ; D, transection of seed.

Borreria articularis (Linnaeus f.) F.N. Williams
Borreria laevis (Lamarck) Grisebach



Rubiaceae

Borreria ocymoides (N.L. Burman) de Candolle (A-C) (X 24). A, Seed; B, embryo in situ; C, transection of seed.



Rubiaceae

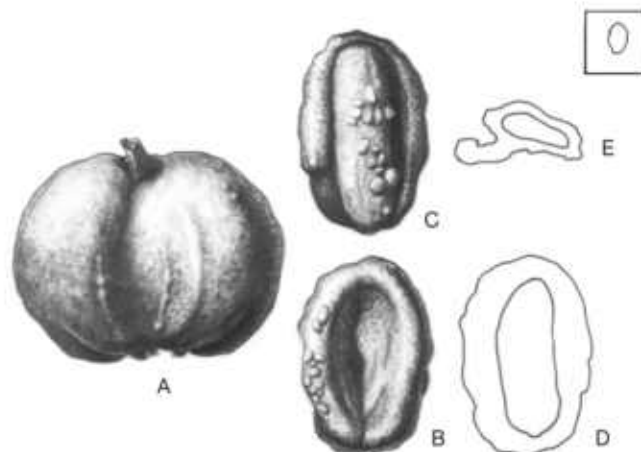
Borreria princeae K. Schumacher (A-C) (X 10). A, Seed; B, embryo in situ; C, transection of seed.

Borreria poaya de Candolle
Borreria verticillata (Linnaeus) G.F.W. Meyer

Rubiaceae

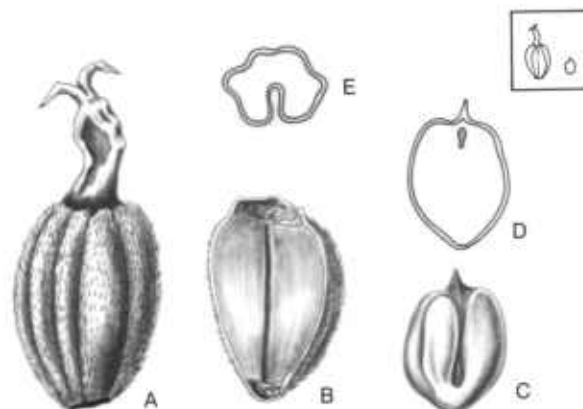
Canthium hispidium Benth (A-E). A, Fruit (X 4); B-C, seed in two views (X 6); D, longitudinal section of seed (X 6); E, transection of seed (X 6).

Notes: Embryo could not be discerned because of condition of seeds available for study.



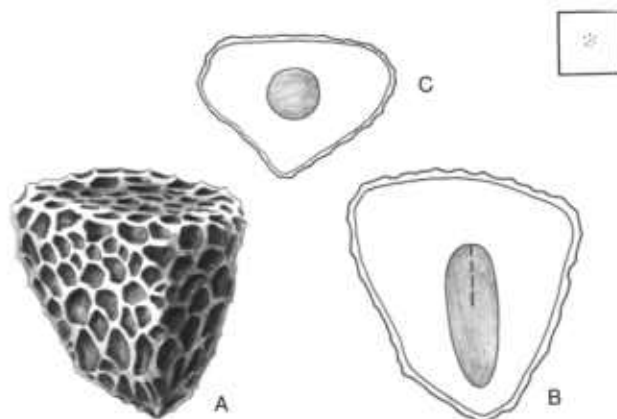
Rubiaceae

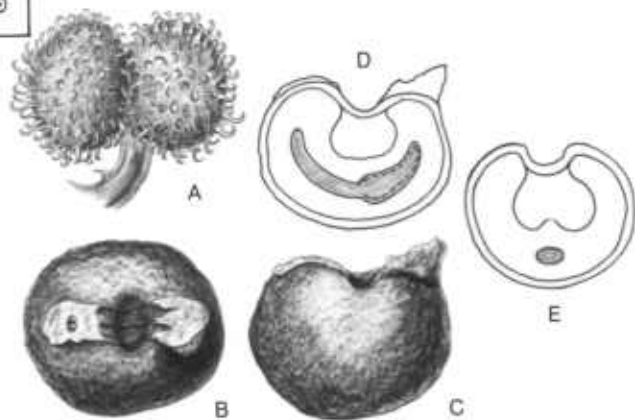
Cephaelis ruelliaefolia Chamisso & Schlechter (A-E) (X 6). A, Fruit; B, fruit segment; C, seed; D, embryo in situ; E, transection of seed.



Rubiaceae

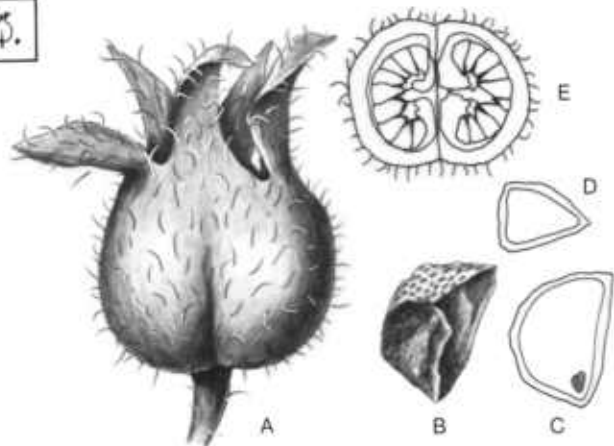
Dentella repens (Linnaeus) J.R. & G. Forster (A-C) (X 86). A, Seed; B, embryo in situ; C, transection of seed.





Rubiaceae

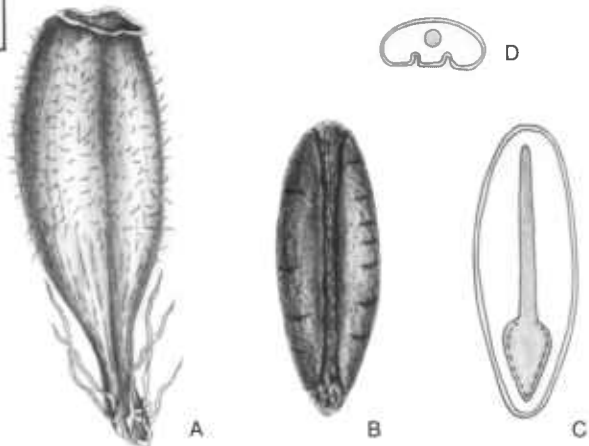
Galium spurium Linnaeus (A-E). A, Fruit (X 6); B-C, seed in two views (X 14); D, embryo in situ (X 14); E, transection of seed (X 14).



Rubiaceae

Hedyotis auricularia Linnaeus (A-E). A, Fruit (X 14); B, seed (X 32); C, embryo in situ (X 32); D, transection of seed (X 32); E, transection of fruit (X 12).

Hedyotis herbacea Linnaeus

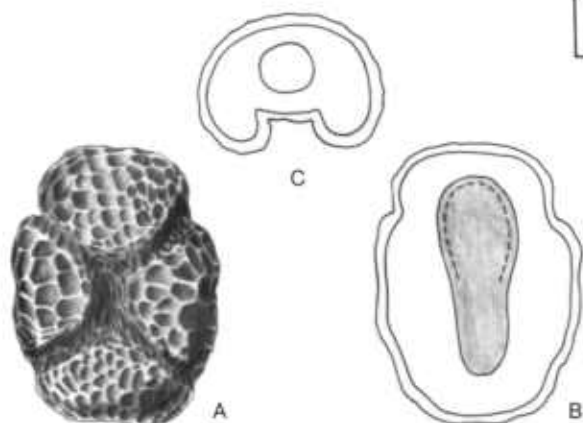


Rubiaceae

Hemidiodia ocimifolia (Willdenow) K. Schumacher (A-D) (X 16). A, Fruit; B, seed; C, embryo in situ; D, transection of seed.

Rubiaceae

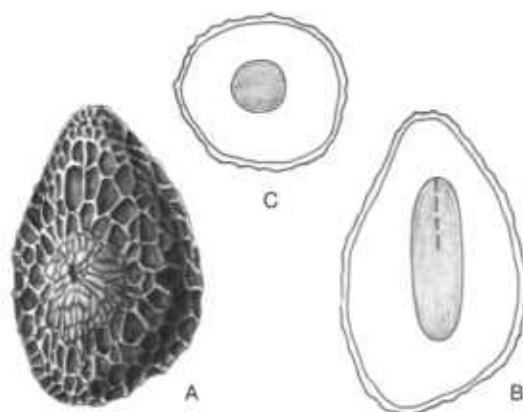
Mitracarpum scabrum Zuccarini (A-C) (X 60). A, Seed; B, embryo in situ; C, transection of seed.



Rubiaceae

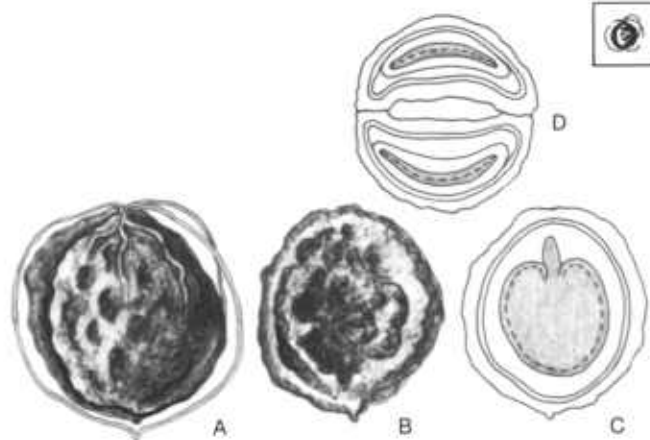
Oldenlandia capensis Linnaeus f. (A-C) (X 86). A, Seed; B, embryo in situ; C, transection of seed.

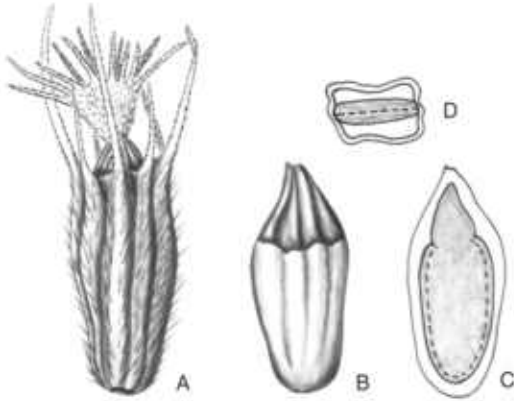
Oldenlandia lancifolia (Schumacher) de Candolle



Rubiaceae

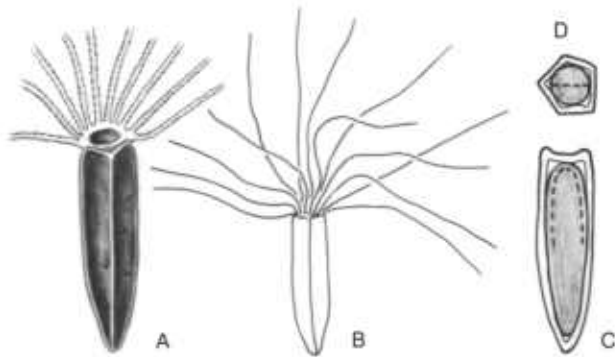
Paederia foetida Linnaeus (A-D) (X 8). A, Eroded fruit; B, fruit segment; C, embryo in situ within fruit segment; D, transection of fruit.





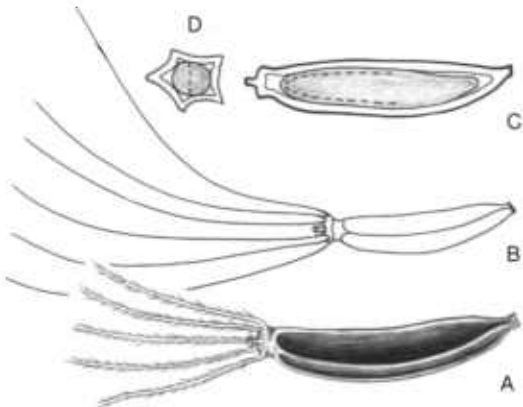
Dipsacaceae

Cephalaria syriaca (Linnaeus) Schrader (A-D) (X 5). A, Fruit enclosed in persistent floral parts; B, fruit with floral parts removed; C, embryo in situ; D, transection of fruit.



Asteraceae

Acanthostyles buniifolius (Hooker & Arnott) R.M. King & H. Robinson (A-D). A, Fruit (X 14); B, fruit outline showing entire pappus (X 10); C, embryo in situ (X 14); D, transection of fruit (X 14).

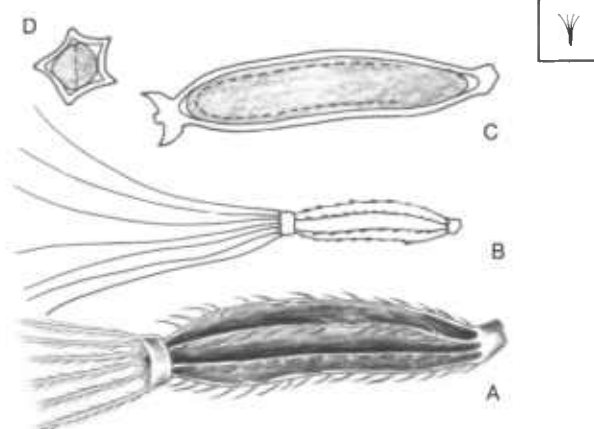


Asteraceae

Ageratina adenophora (Sprengel) R.M. King & H. Robinson (A-D). A, Fruit (X 18); B, fruit outline showing entire pappus (X 14); C, embryo in situ (X 18); D, transection of fruit (X 18).

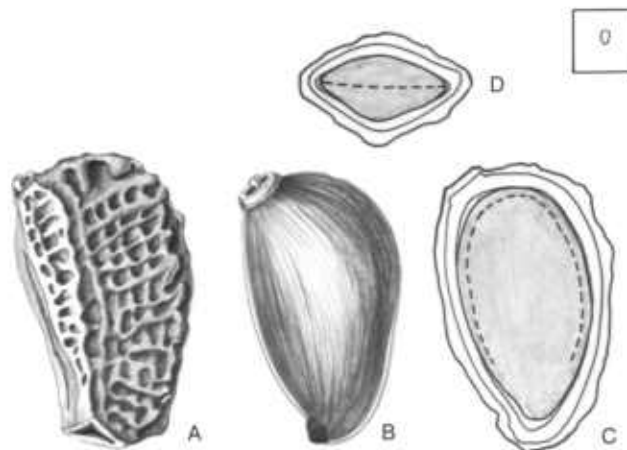
Asteraceae

Ageratina riparia (Regel) R.M. King & H. Robinson (A-D).
A, Fruit (X 34); B, fruit outline showing entire pappus
(X 16); C, embryo in situ (X 34); D, transection of fruit
(X 34).



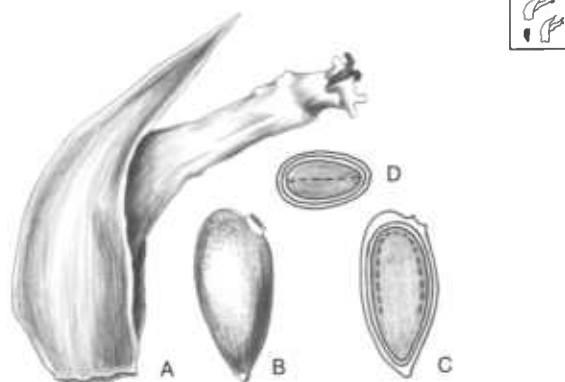
Asteraceae

Aldama dentata (Bentham & Hooker) La Llave & Lexerza
(A-D) (X 20). A, Fruit; B, seed; C, embryo in situ; D,
transection of fruit.

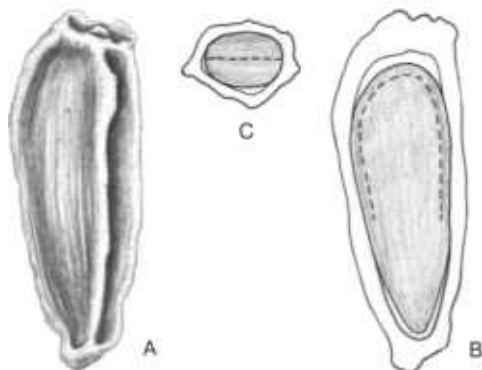


Asteraceae

Anthemis mixta Linnaeus (A-D) (X 16). A, Floret enclosing
fruit; B, fruit; C, embryo in situ; D, transection of fruit.

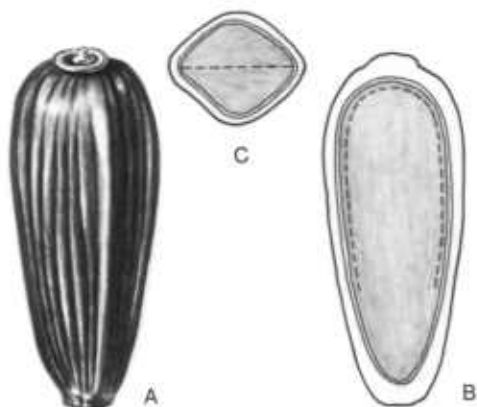


Asteridae
Asteraceae



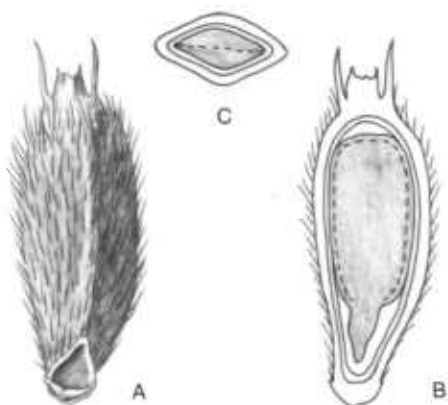
Asteraceae

Artemisia princeps Pampanini (A-C) (X 32). A, Fruit; B, embryo in situ; C, transection of fruit.



Asteraceae

Aspilula africana (Persoon) Adams (A-C) (X 24). A, Fruit; B, embryo in situ; C, transection of fruit.

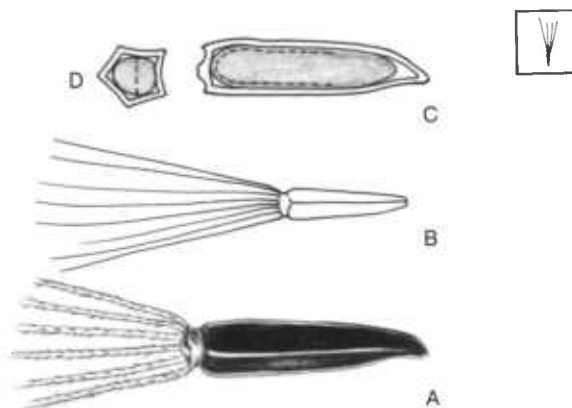


Asteraceae

Aspilula montevidensis (Sprengel) O. Kuntze (A-C) (X 8). A, Fruit; B, embryo in situ; C, transection of fruit.

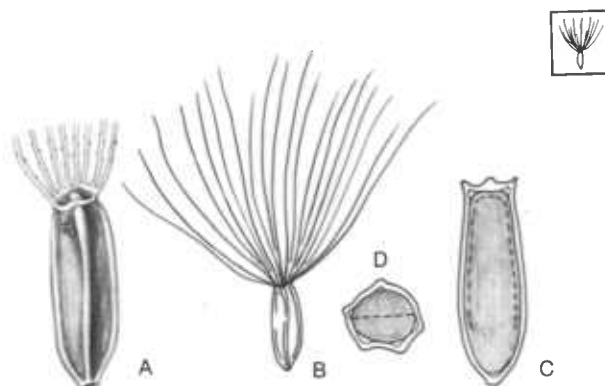
Asteraceae

Austroeupatorium inulaefolium (Humboldt, Bonpland, Kunth) R.M. King & H. Robinson (A-D). A, Fruit (X 20); B, fruit outline showing entire pappus (X 10); C, embryo in situ (X 20); D, transection of fruit (X 20).



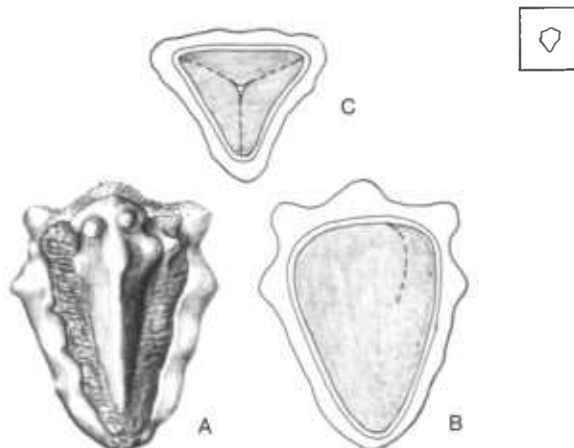
Asteraceae

Baccharis cordifolia de Candolle (A-D). A, Fruit (X 14); B, fruit outline showing entire pappus (X 5); C, embryo in situ (X 14); D, transection of fruit (X 20).

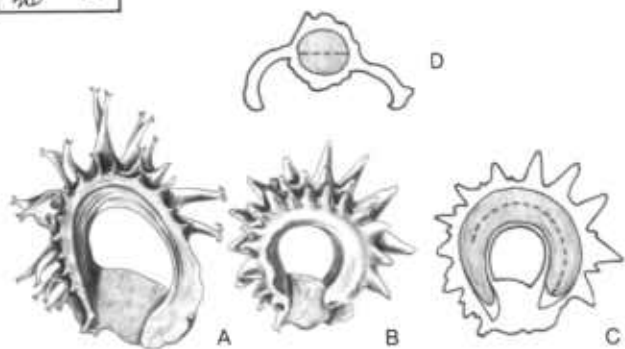
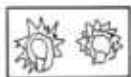


Asteraceae

Baltimora recta Linnaeus (A-C) (X 12). A, Fruit; B, embryo in situ; C, transection of fruit.



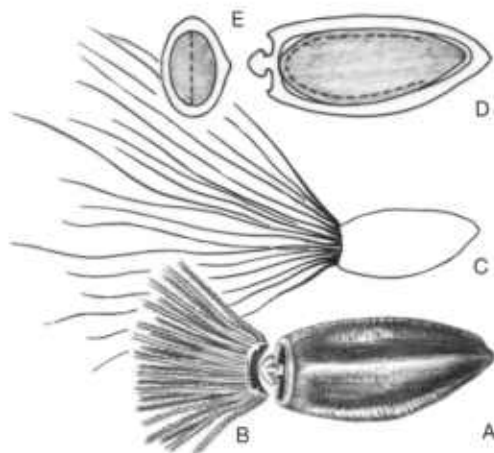
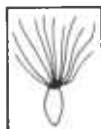
Asteridae
Asteraceae



Asteraceae

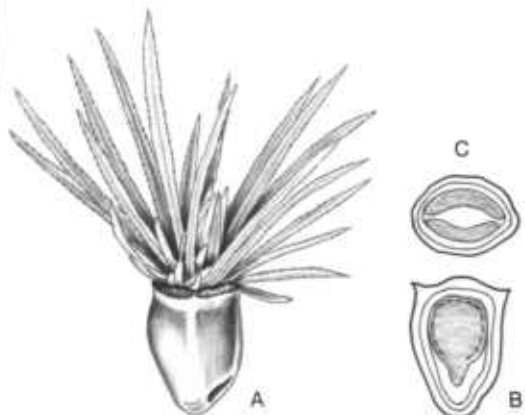
Calendula arvensis Linnaeus (A-D) (X 4). A-B, Fruit; C, embryo in situ; D, transection of fruit.

Notes: Plant produces dimorphic fruit. Both types are illustrated.



Asteraceae

Carduus carpetanus Boissier (A-E). A, Fruit (X 6); B, detail of pappus (X 6); C, fruit outline showing entire pappus (X 4); D, embryo in situ (X 6); E, transection of fruit (X 6).



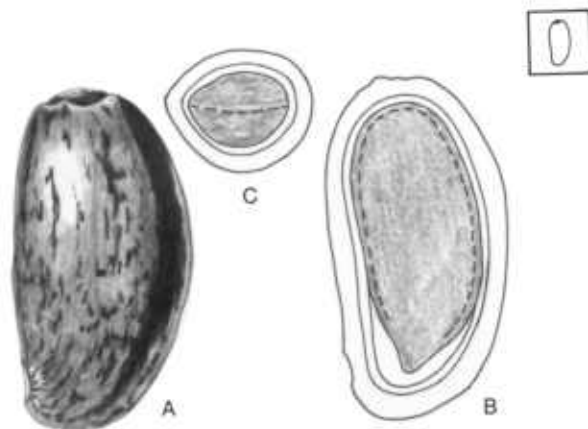
Asteraceae

Carthamus lanatus Linnaeus (A-C) (X 4). A, Fruit; B, embryo in situ; C, transection of fruit.

Carthamus flavesceus Willdenow

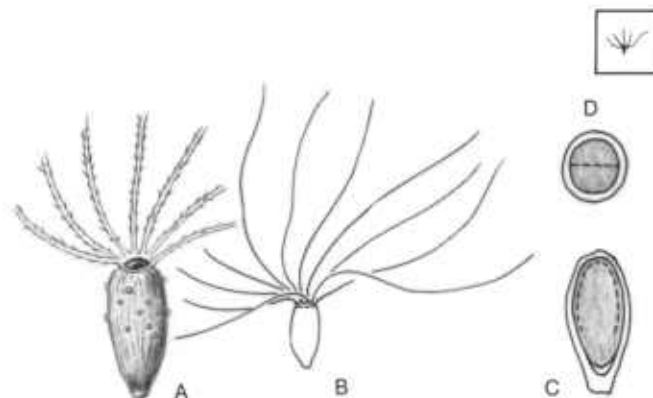
Asteraceae

Carthamus oxyacantha Bieberstein (A-C) (X 8). A, Fruit; B, embryo in situ; C, transection of fruit.



Asteraceae

Cassinia arcuata R. Brown (A-D). A, Fruit (X 32); B, fruit outline showing entire pappus (X 16); C, embryo in situ (X 32); D, transection of fruit (X 32).

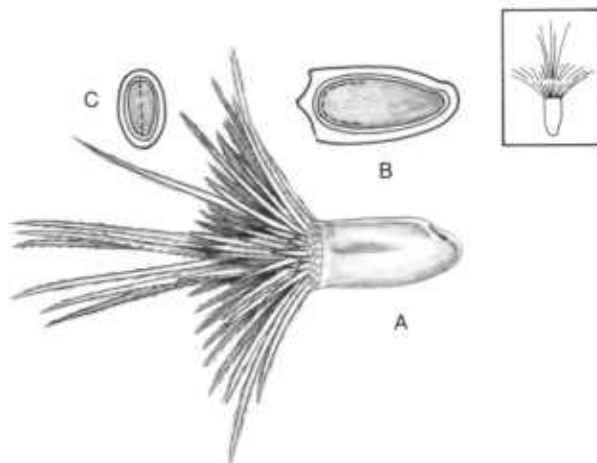


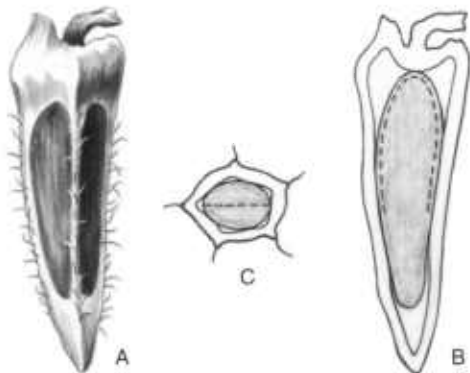
Cassinia leptophylla (G. Forster) R. Brown

Asteraceae

Centaurea depressa Bieberstein (A-C). A, Fruit (X 4); B, embryo in situ (X 4); C, transection of fruit (X 4).

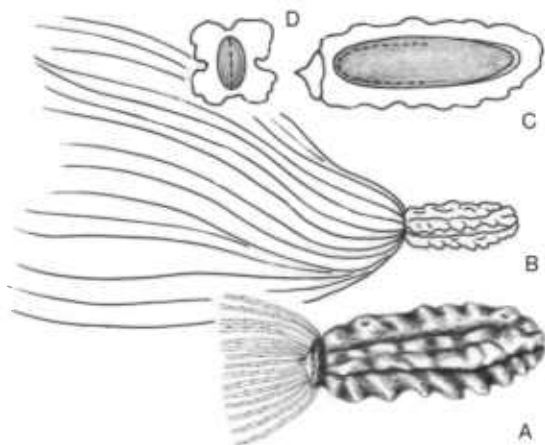
Centaurea acaulis Linnaeus





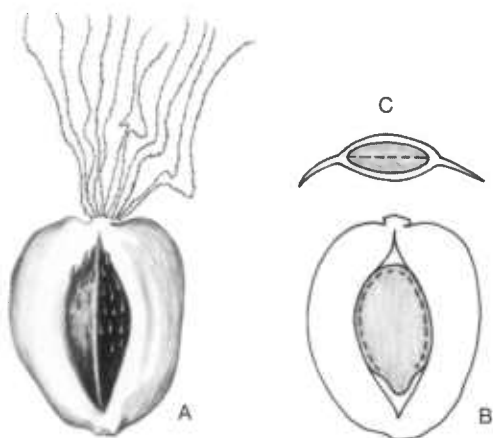
Asteraceae

Centipeda minima (Linnaeus) A. Braun & Ascherson (A-C) (X 48). A, Fruit with persistent floral parts; B, embryo in situ; C, transection of fruit.



Asteraceae

Cichorium pumilum Jacquin (A-D). A, Fruit (X 6); B, fruit outline showing entire pappus (X 3); C, embryo in situ (X 6); D, transection of fruit (X 6).

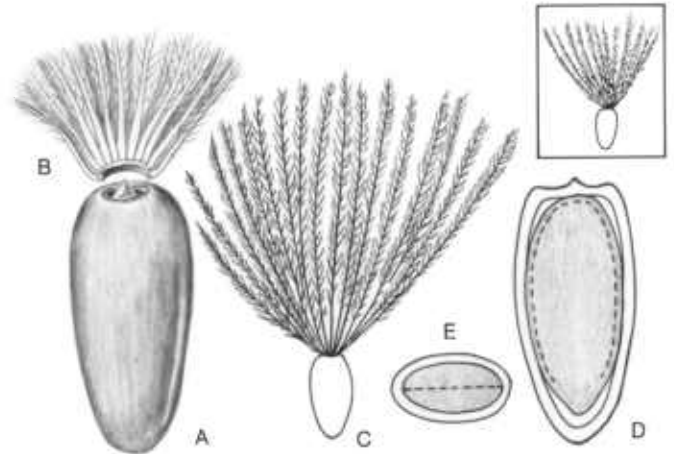


Asteraceae

Cineraria lyrata de Candolle (A-C) (X 12). A, Fruit; B, embryo in situ; C, transection of fruit.

Asteraceae

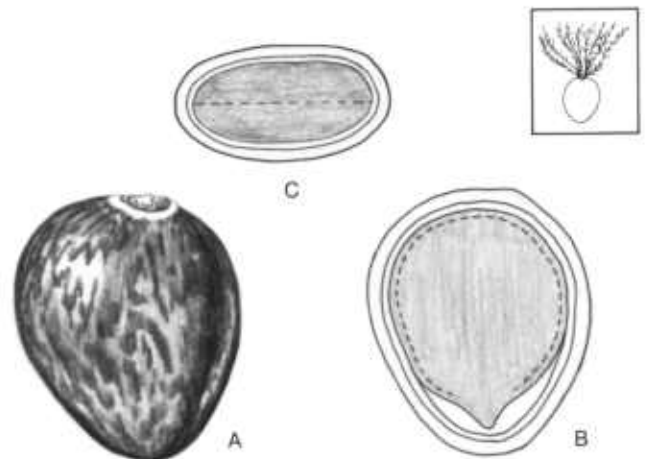
Cirsium acarna (Linnaeus) Moench (A-E). A, Fruit (X 6); B, detail of pappus (X 6); C, fruit outline showing entire pappus (X 2); D, embryo in situ (X 6); E, transection of fruit (X 6).



Asteraceae

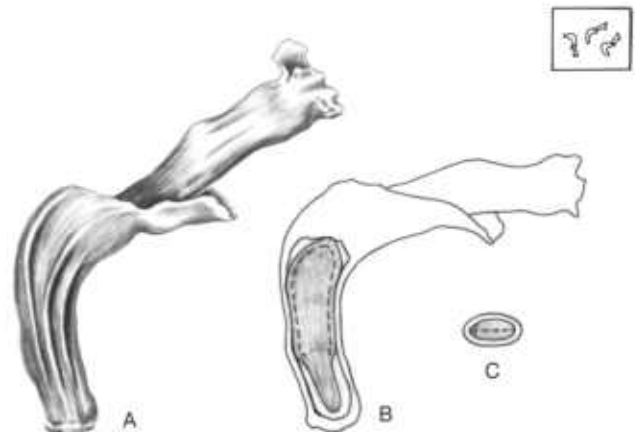
Cirsium syriacum (Linnaeus) Gaertner (A-C) (X 6). A, Fruit; B, embryo in situ; C, transection of fruit.

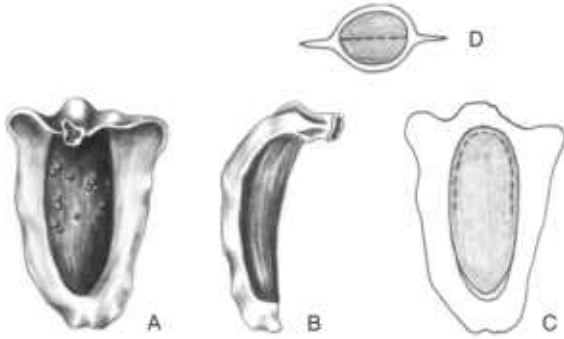
Notes: Pappus is illustrated in the 1:1 insert.



Asteraceae

Coleostephus myconis (Linnaeus) Reichenbach (A-C) (X 16). A, Floret enclosing fruit; B, embryo in situ; C, transection of fruit.

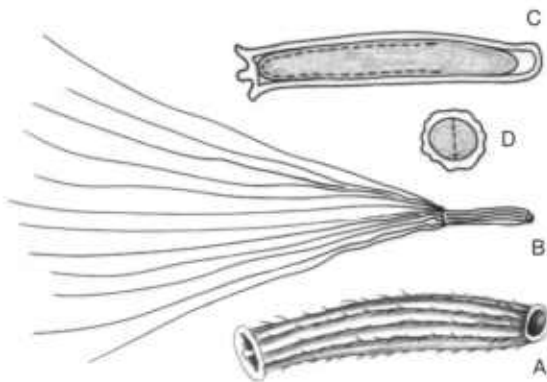




Asteraceae

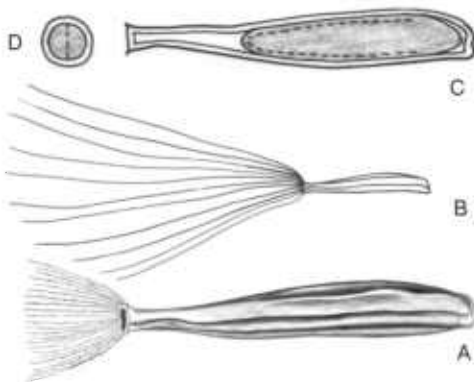
Cotula anthemoides Linnaeus (A-D) (X 32). A-B, Fruit in two views; C, embryo in situ; D, transection of fruit.

Cotula abyssinica (Schultes-Biponius) A. Richard



Asteraceae

Crassocephalum crepidioides (Bentham) S. Moore (A-D). A, Fruit (X 20); B, fruit outline showing entire pappus (X 6); C, embryo in situ (X 20); D, transection of fruit (X 20).

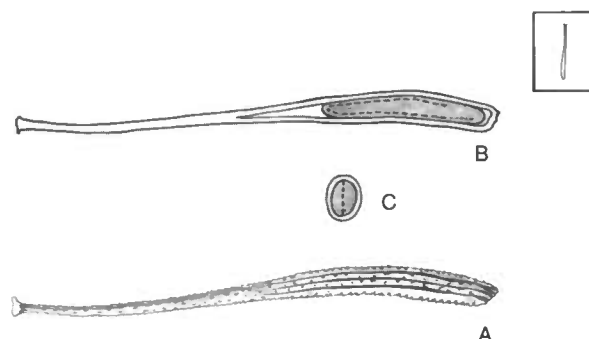


Asteraceae

Crepis bulbosa Tausch (A-D). A, Fruit (X 14); B, fruit outline showing entire pappus (X 5); C, embryo in situ (X 14); D, transection of fruit (X 14).

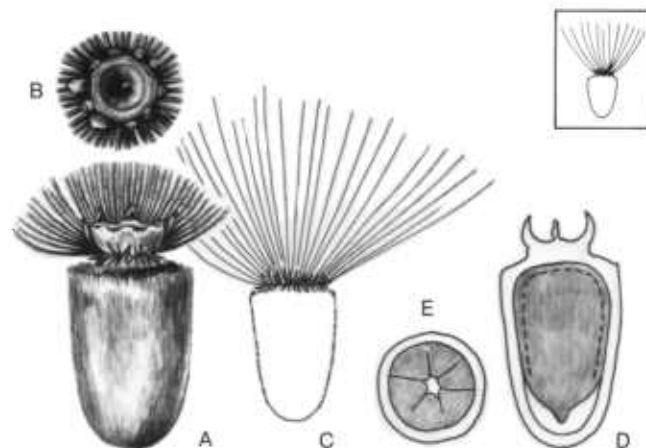
Asteraceae

Crepis vesicaria Linnaeus subsp. *haenseleri* (Boissier ex de Candolle) P.D. Sell (A-C) (X 10). A, Fruit; B, embryo in situ; C, transection of fruit.



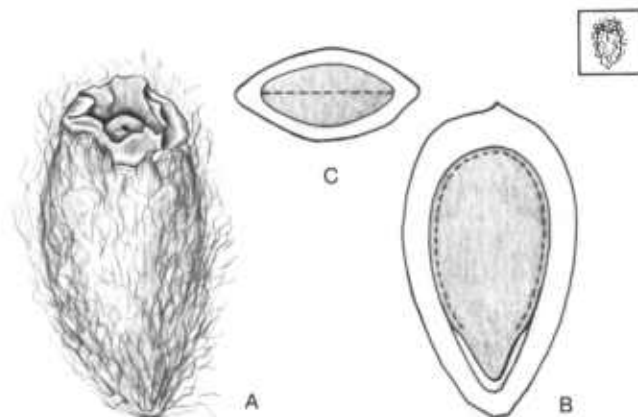
Asteraceae

Crupina vulgaris Cassini (A-E). A, Fruit (X 4); B, detail of pappus crown (X 4); C, fruit outline showing entire pappus (X 3); D, embryo in situ (X 4); E, transection of fruit (X 4).

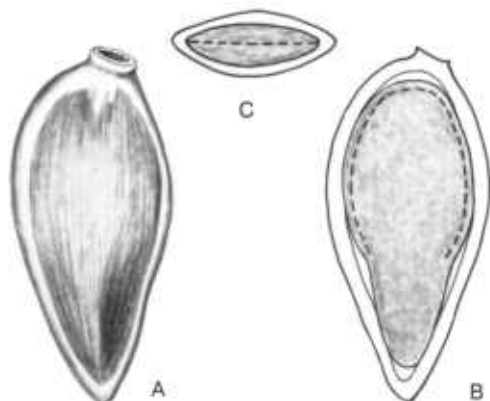


Asteraceae

Cryptostemma calendula (Linnaeus) Druce (A-C) (X 5). A, Fruit; B, embryo in situ; C, transection of fruit.

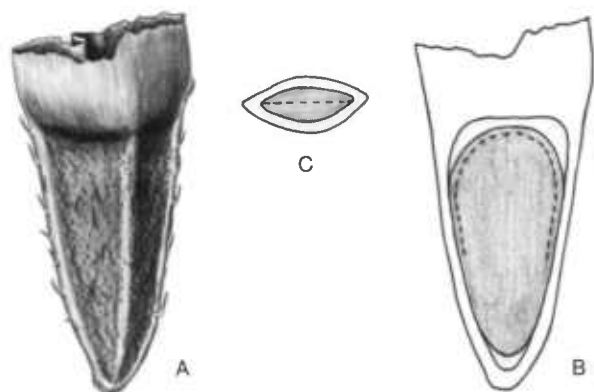


Asteridae
Asteraceae



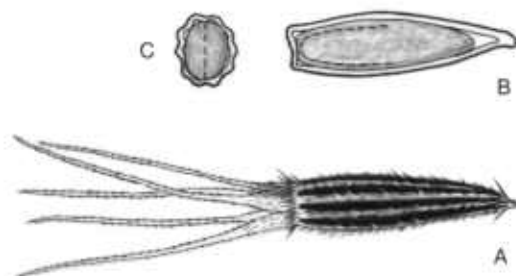
Asteraceae

Dichrocephala bicolor (Roth) Schlechter (A-C) (X 24). A, Fruit; B, embryo in situ; C, transection of fruit.



Asteraceae

Egletes prostrata O. Kuntze (A-C) (X 32). A, Fruit; B, embryo in situ; C, transection of fruit.

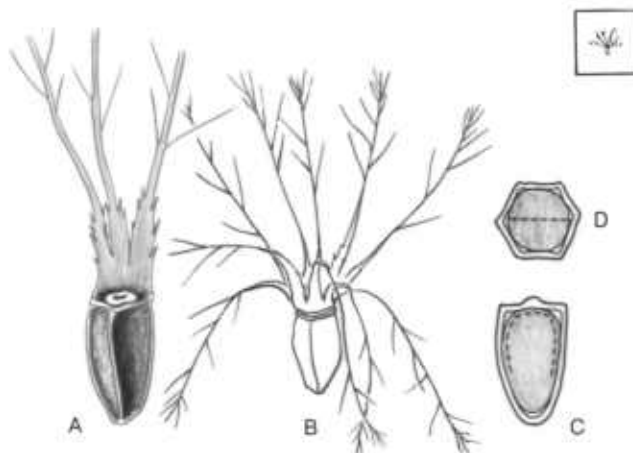


Asteraceae

Elephantopus scaber Linnaeus (A-C) (X 70). A, Fruit; B, embryo in situ; C, transection of fruit.

Asteraceae

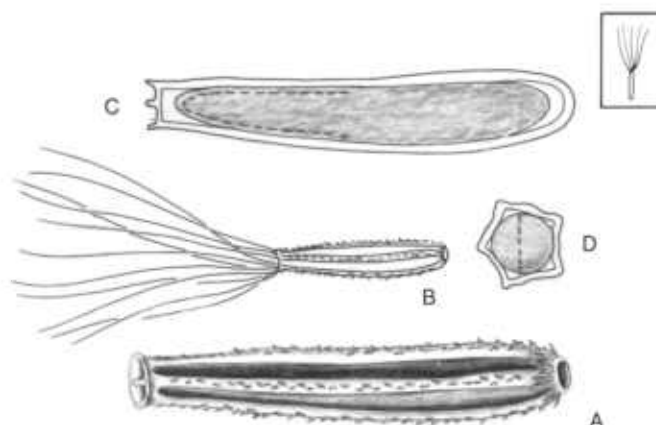
Elytropappus rhinocerotis Lessing (A-D). A, Fruit (X 28); B, fruit outline showing entire pappus (X 16); C, embryo in situ (X 28); D, transection of fruit (X 28).



Asteraceae

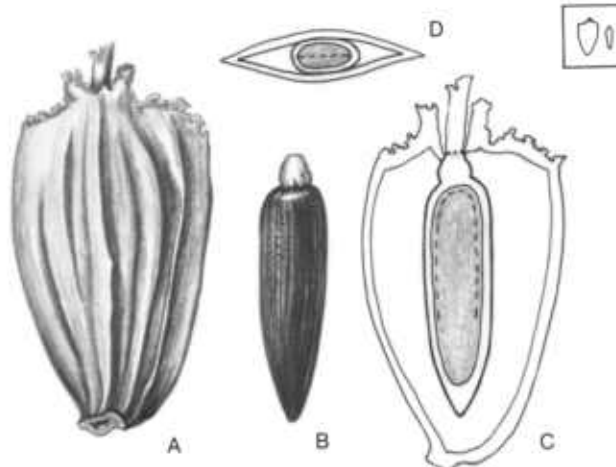
Emilia fosbergii Nicolson (A-D). A, Fruit (X 16); B, fruit outline showing entire pappus (X 6); C, embryo in situ (X 16); D, transection of fruit (X 16).

Emilia sonchifolia (Linnaeus) de Candolle ex Wight

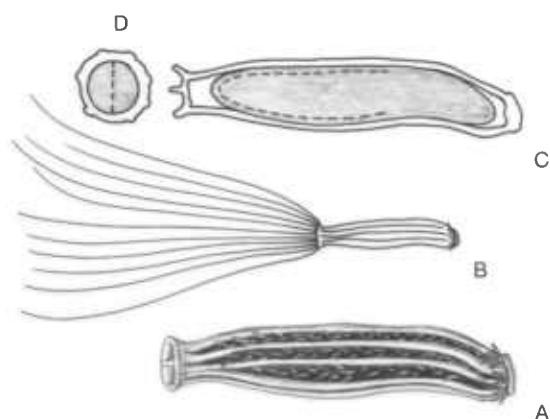


Asteraceae

Enhydra sessilis de Candolle (A-D) (X 14). A, Fruit; B, seed; C, embryo in situ; D, transection of fruit.

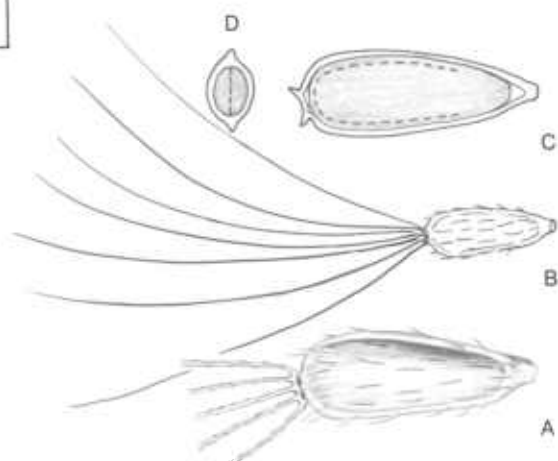


Asteridae
Asteraceae



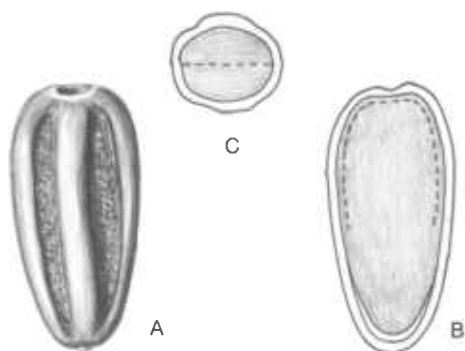
Asteraceae

Erechites valerianaefolia de Candolle (A-D). A, Fruit (X 16); B, fruit outline showing entire pappus (X 6); C, embryo in situ (X 16); D, transection of fruit (X 16).



Asteraceae

Erigeron floribundus (Humboldt, Bonpland, Kunth) Schultes-Biponius (A-D). A, Fruit (X 32); B, fruit outline showing entire pappus (X 18); C, embryo in situ (X 32); D, transection of fruit (X 32).



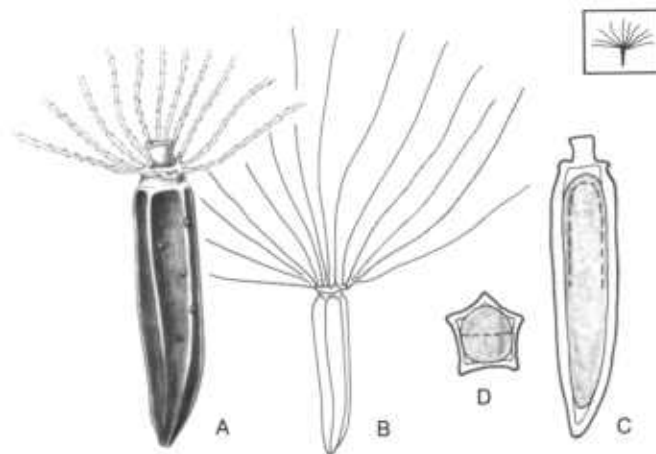
Asteraceae

Erlangea laxa S. Moore (A-C) (X 32). A, Fruit; B, embryo in situ; C, transection of fruit.

Asteraceae

Eupatorium japonicum Thunberg (A-D). A, Fruit (X 14); B, fruit outline showing entire pappus (X 10); C, embryo in situ (X 14); D, transection of fruit (X 14).

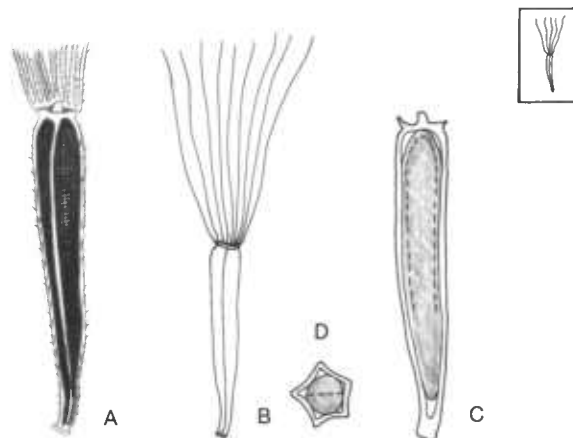
Eupatorium acalyphoides Hochstetter ex Boissier
(not seen)



Asteraceae

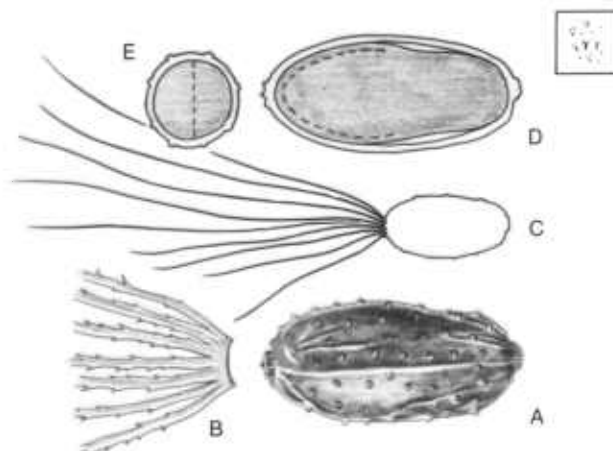
Eupatorium macrocephalum Lessing (A-D). A, Fruit (X 8); B, fruit outline showing entire pappus (X 5); C, embryo in situ (X 8); D, transection of fruit (X 8).

Eupatorium liatrideum de Candolle
Eupatorium pallescens de Candolle

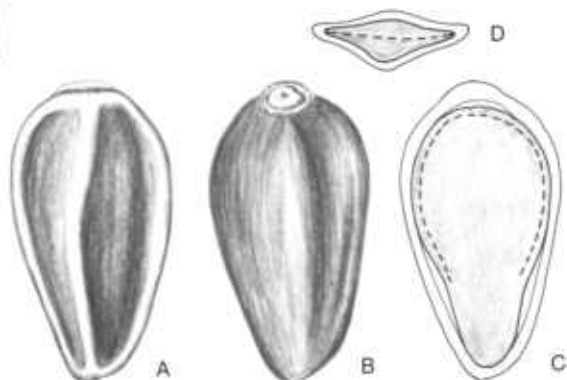


Asteraceae

Gnaphalium indicum Linnaeus (A-E). A, Fruit (X 66); B, pappus detail (X 66); C, fruit outline showing entire pappus (X 32); D, embryo in situ (X 66); E, transection of fruit (X 66).

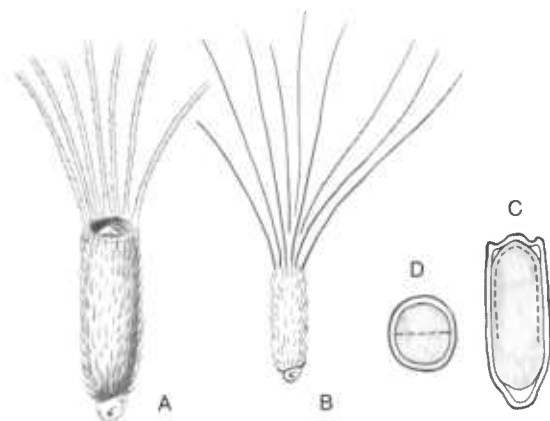


Asteridae
Asteraceae



Asteraceae

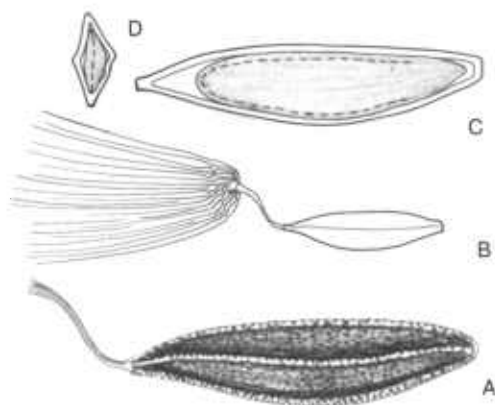
Guizotia villosa Schultes-Biponius ex A. Richard (A-D)
(X 22). A-B, Fruit in two views; C, embryo in situ;
D, transection of fruit.



Asteraceae

Inula indica Linnaeus (A-D). A, Fruit (X 32); B, fruit
outline showing entire pappus (X 16); C, embryo in situ
(X 32); D, transection of fruit (X 32).

Inula graveolens Desfontaines



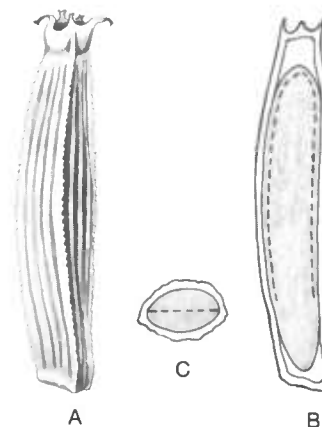
Asteraceae

Lactuca capensis Thunberg (A-D). A, Fruit (X 8); B, fruit
outline showing entire pappus (X 5); C, embryo in situ
(X 8); D, transection of fruit (X 8).

Lactuca taraxacifolia Schumacher & Thonning

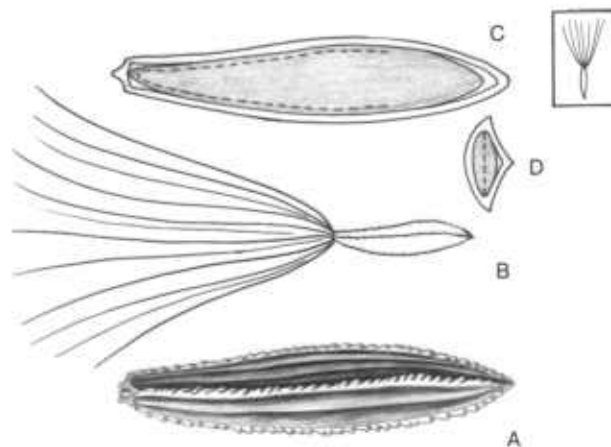
Asteraceae

Lapsana apogonoides Maximowicz (A-C) (X 10). A, Fruit; B, embryo in situ; C, transection of fruit.



Asteraceae

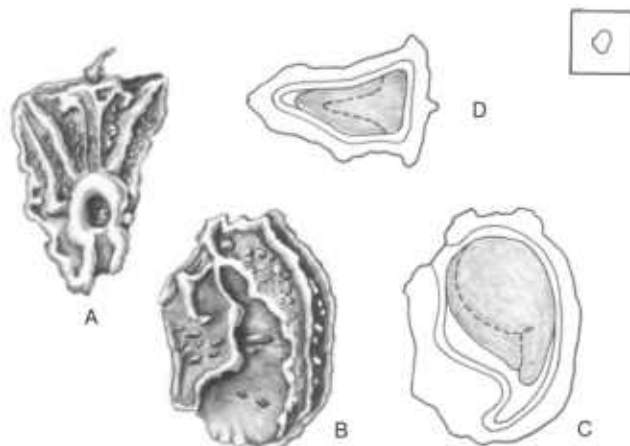
Launaea asplenifolia J.D. Hooker (A-D). A, Fruit (X 18); B, fruit outline showing entire pappus (X 6); C, embryo in situ (X 18); D, transection of fruit (X 18).

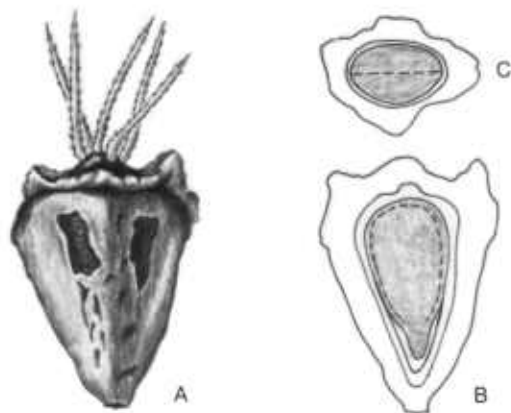


Asteraceae

Melampodium divaricatum de Candolle (A-D) (X 10). A-B, Fruit in two views; C, embryo in situ; D, transection of fruit.

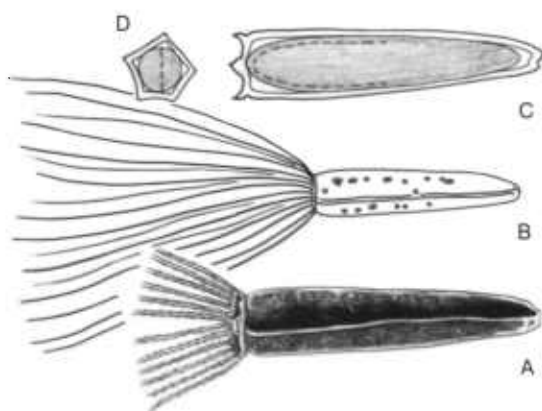
Melampodium arvense Robinson (not seen)





Asteraceae

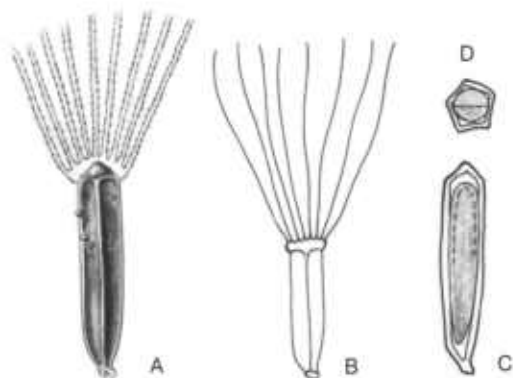
Melanthera scandens (Schumacher & Thonning) Brenan (A-C) (X 16). A, Fruit; B, embryo in situ; C, transection of fruit.



Asteraceae

Mikania cordata (N.L. Burman) B.L. Robinson (A-D). A, Fruit (X 12); B, fruit outline showing entire pappus (X 8); C, embryo in situ (X 12); D, transection of fruit (X 12).

Mikania congesta de Candolle



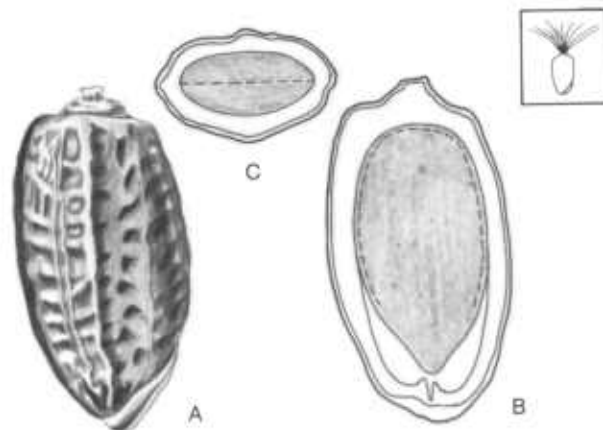
Asteraceae

Mikania micrantha Humboldt, Bonpland, Kunth (A-D). A, Fruit (X 14); B, fruit outline showing entire pappus (X 10); C, embryo in situ (X 14); D, transection of fruit (X 14).

Asteraceae

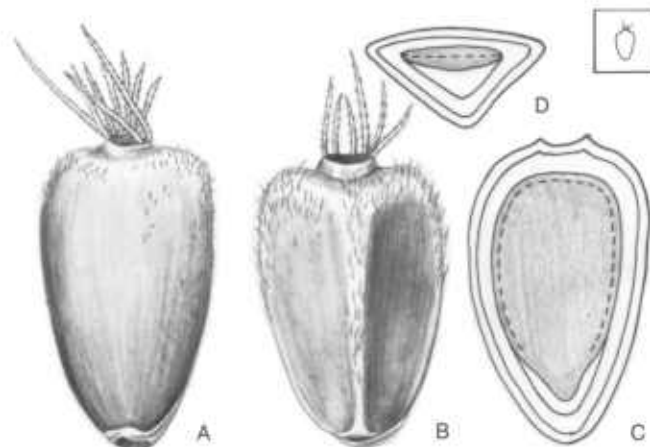
Onopordum illyricum Linnaeus (A-C) (X 8). A, Fruit; B, embryo in situ; C, transection of fruit.

Onopordum acaulon Linnaeus



Asteraceae

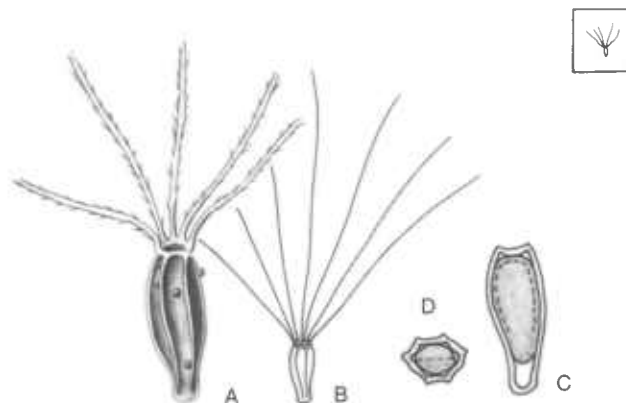
Perymenium subsquarrosum Robinson & Greenman (A-D) (X 10). A-B, Fruit in two views; C, embryo in situ; D, transection of fruit.



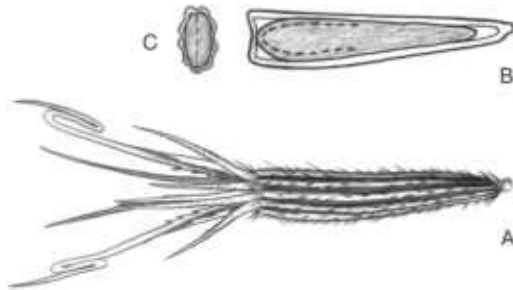
Asteraceae

Pluchea sagittalis (Lamarck) Cabrera (A-D). A, Fruit (X 28); B, fruit outline showing entire pappus (X 10); C, embryo in situ (X 28); D, transection of fruit (X 28).

Pluchea indica (Linnaeus) Lessing
Pluchea lanceolata Oliver & Hiern

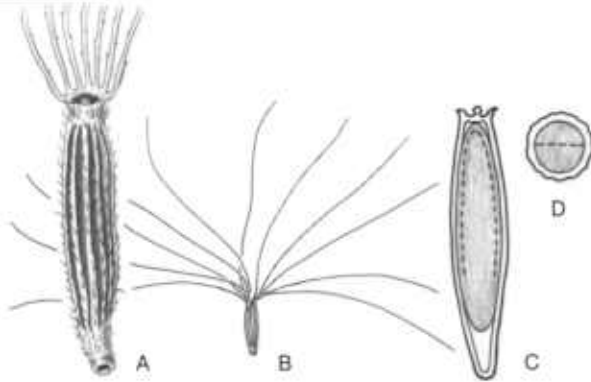


Asteridae
Asteraceae



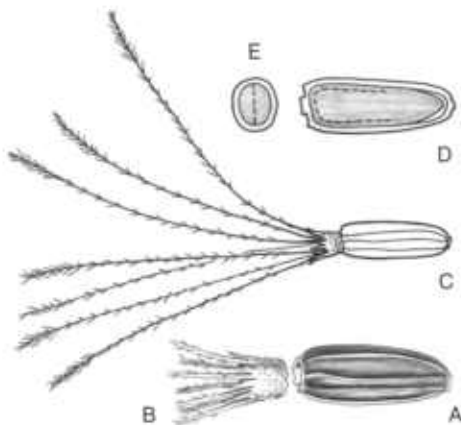
Asteraceae

Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker (A-C) (X 6). A, Fruit; B, embryo in situ; C, transection of fruit.



Asteraceae

Pterocaulon rugosum (Vahl) Malme (A-D). A, Fruit (X 18); B, fruit outline showing entire pappus (X 4); C, embryo in situ (X 18); D, transection of fruit (X 18).

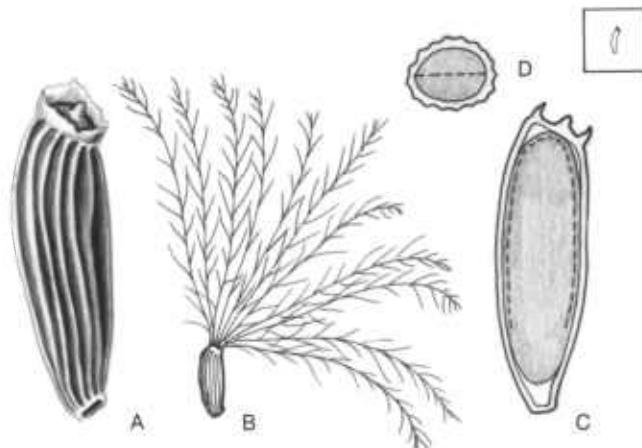


Asteraceae

Pulicaria crispa Schultes-Biponius (A-E). A, Fruit (X 28); B, pappus detail (X 28); C, fruit outline showing entire pappus (X 20); D, embryo in situ (X 28); E, transection of fruit (X 28).

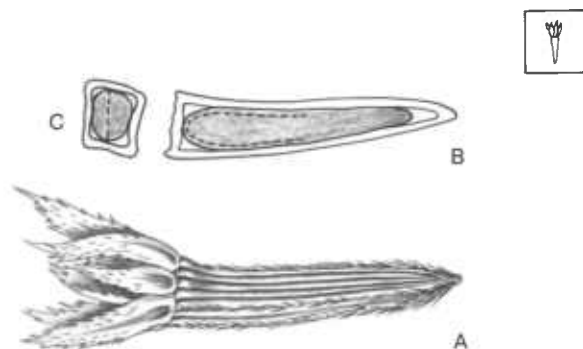
Asteraceae

Saussurea lyrata (Blume) Franchet (A-D). A, Fruit (X 14); B, fruit outline showing entire pappus (X 3); C, embryo in situ (X 14); D, transection of fruit (X 14).



Asteraceae

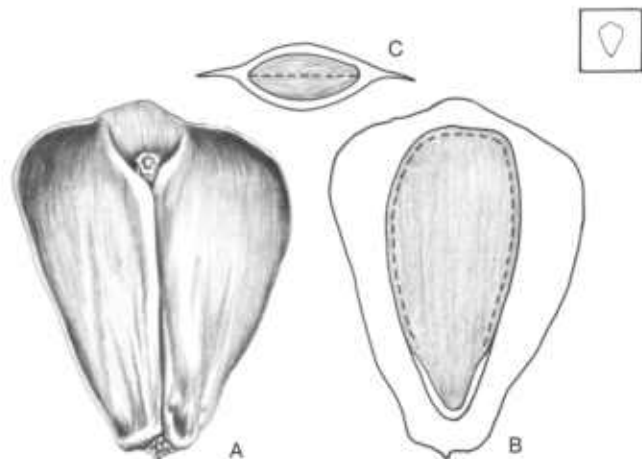
Schkuhria pinnata (Lamarck) O. Kuntze (A-C) (X 10). A, Fruit; B, embryo in situ; C, transection of fruit.

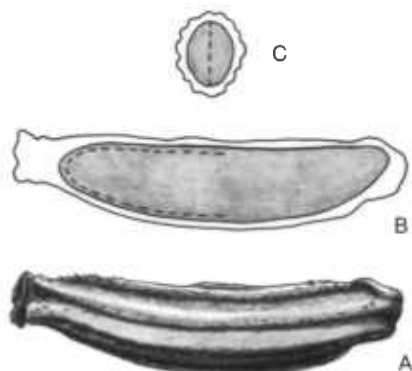


Asteraceae

Scolymus maculatus Linnaeus (A-C) (X 12). A, Fruit; B, embryo in situ; C, transection of fruit.

Scolymus hispanicus Linnaeus

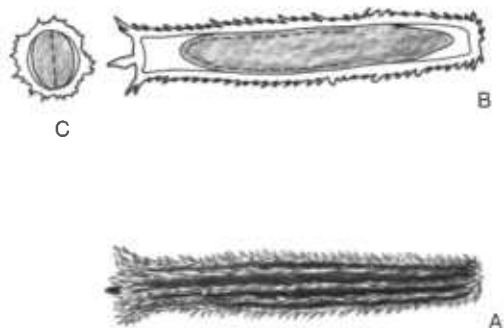




Asteraceae

Senecio bipinnatisectus (F. v. Mueller) Belcher (A-C)
(X 22). A, Fruit; B, embryo in situ; C, transection of fruit.

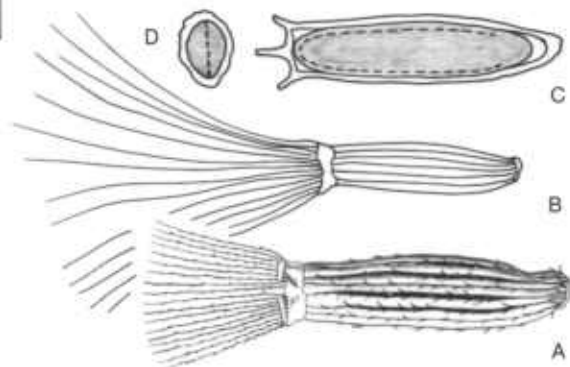
Senecio burchellii de Candolle



Asteraceae

Senecio leucanthemifolius Poiret (A-C) (X 16). A, Fruit;
B, embryo in situ; C, transection of fruit.

Senecio glomeratus Desfontaines ex Poiret (not seen)



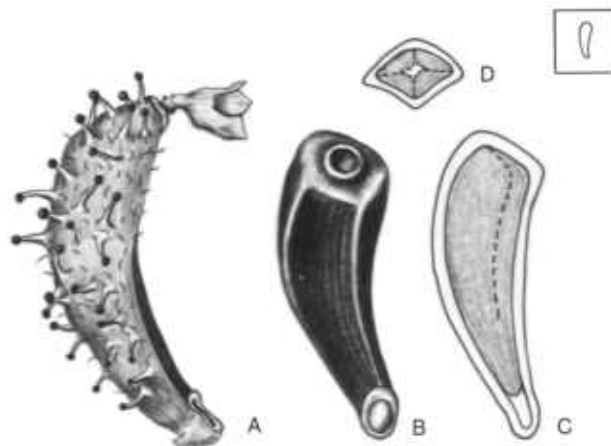
Asteraceae

Senecio oxyriaefolius de Candolle (A-D). A, Fruit (X 16);
B, fruit outline showing entire pappus (X 10); C, embryo
in situ (X 16); D, transection of fruit (X 16).

Senecio minimus Poiret
Senecio moorei R.E. Fries
Senecio oligophyllus Baker

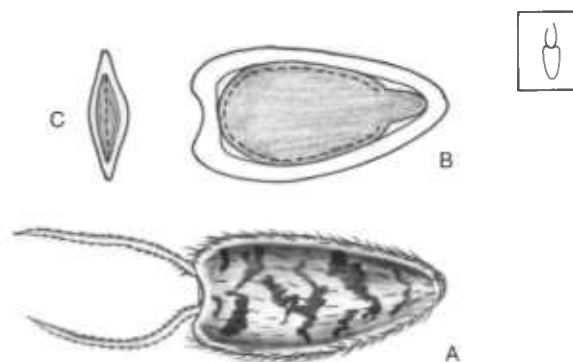
Asteraceae

Siegesbeckia orientalis Linnaeus (A-D) (X 12). A, Fruit with persistent floral parts; B, fruit; C, embryo in situ; D, transection of fruit.



Asteraceae

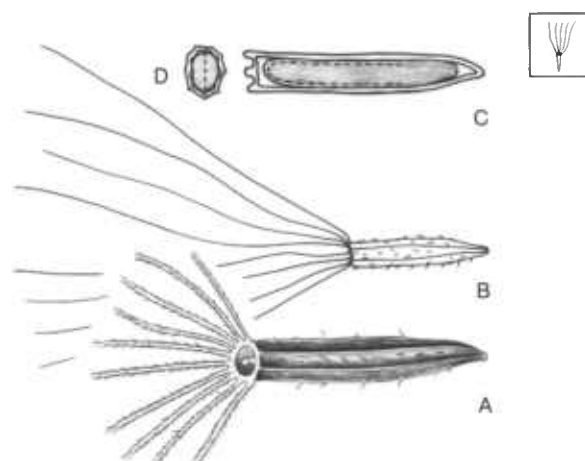
Simsia amplexicaulis (Cavanilles) Persoon (A-C) (X 8). A, Fruit; B, embryo in situ; C, transection of fruit.



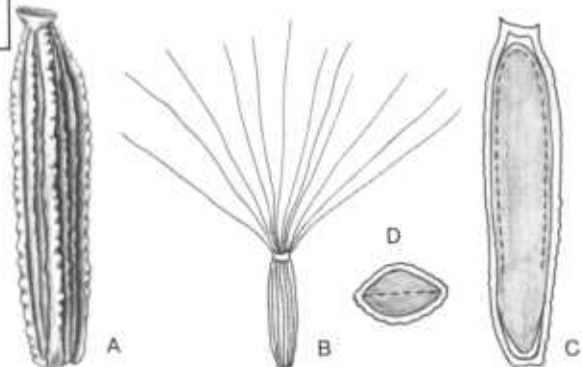
Asteraceae

Solidago microglossa de Candolle (A-D). A, Fruit (X 14); B, fruit outline showing entire pappus (X 12); C, embryo in situ (X 14); D, transection of fruit (X 14).

Solidago chilensis Meyen



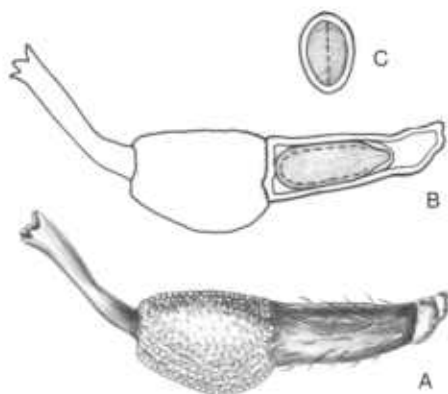
Asteridae
Asteraceae



Asteraceae

Sonchus exauriculatus (Oliver & Hiern) O. Hoffmann (A-D). A, Fruit (X 14); B, fruit outline showing entire pappus (X 4); C, embryo in situ (X 14); D, transection of fruit (X 14).

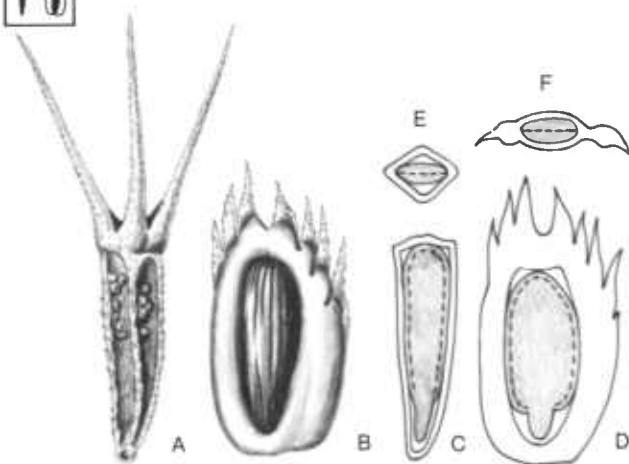
Sonchus cornutus Hochstetter ex Steudel



Asteraceae

Sphaeranthus bullatus Mattfeld (A-C) (X 32). A, Fruit with persistent corolla; B, embryo in situ; C, transection of fruit.

Sphaeranthus africanus Linnaeus



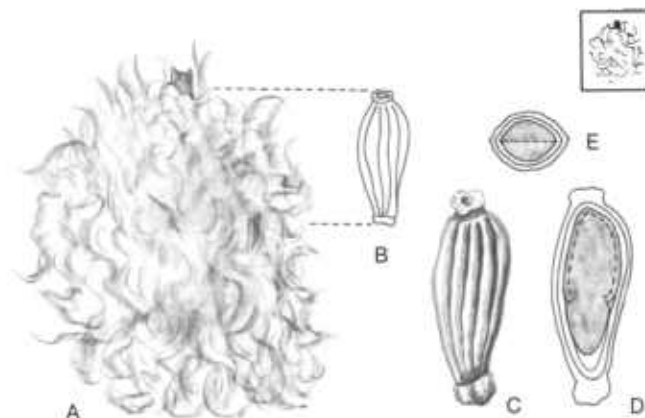
Asteraceae

Synedrella nodiflora (Linnaeus) Gaertner (A-F) (X 8). A-B, Fruits; C-D, embryos in situ; E-F, transections of fruits.

Notes: Plant produces dimorphic fruits. Both types, (A, C, E) and (B, D, F), are illustrated.

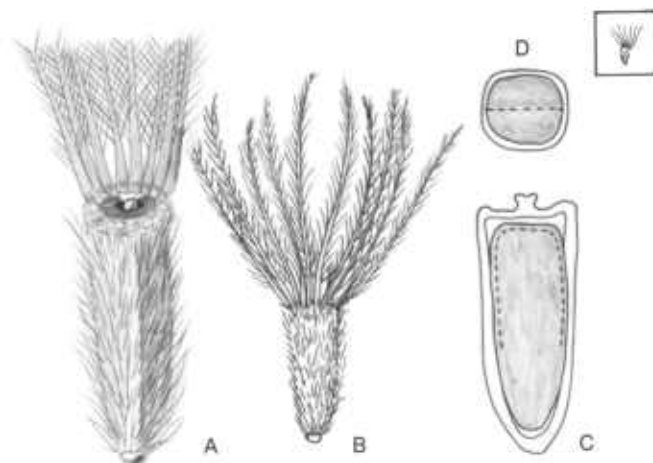
Asteraceae

Tarchonanthus camphoratus Linnaeus (A-E). A, Hairs enclosing fruit (X 6); B, outline showing fruit position (X 6); C, fruit with hairs removed (X 8); D, embryo in situ (X 8); E, transection of fruit (X 8).



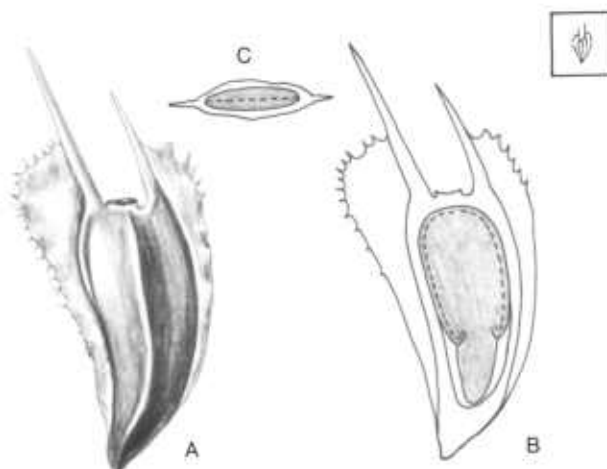
Asteraceae

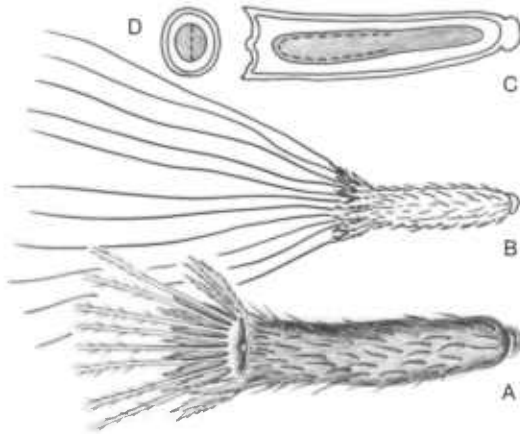
Tridax procumbens Linnaeus (A-D). A-B, Fruit (X 16) (X 8); C, embryo in situ (X 16); D, transection of fruit (X 8).



Asteraceae

Verbesina persicifolia de Candolle (A-C) (X 12). A, Fruit; B, embryo in situ; C, transection of fruit.

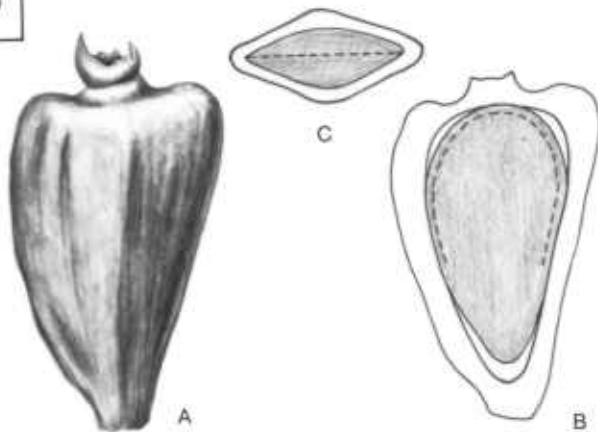




Asteraceae

Vernonia cinerea (Linnaeus) Lessing (A-D). A, Fruit (X 32); B, fruit outline showing entire pappus (X 14); C, embryo in situ (X 32); D, transection of fruit (X 32).

Vernonia polyanthes Lessing



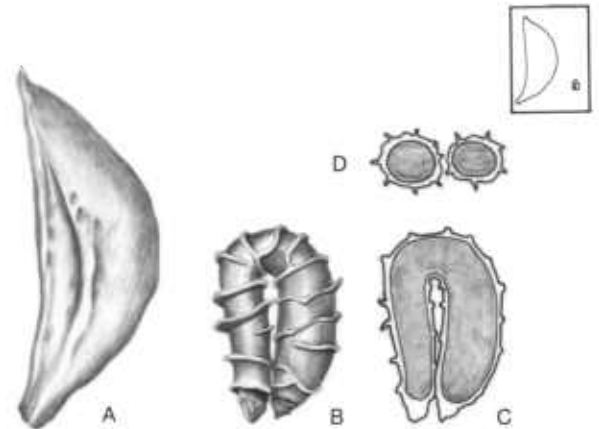
Asteraceae

Wedelia glauca Hoffmann (A-C) (X 12). A, Fruit; B, embryo in situ; C, transection of fruit.

Wedelia trilobata (Linnaeus) Hitchcock

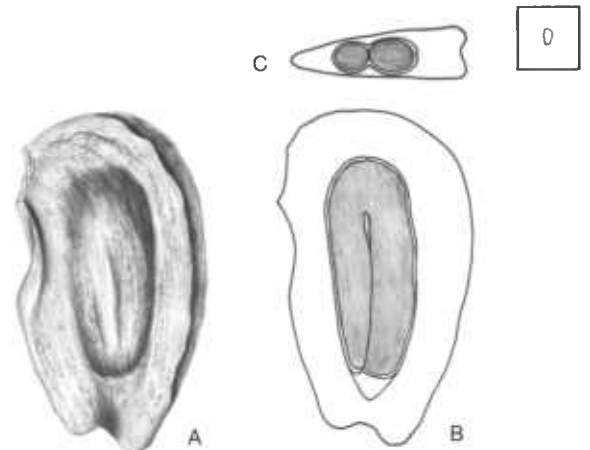
Butomaceae

Limnocharis flava (Linnaeus) J. Buchanan (A-D). A, Multiseeded fruit (X 4); B, seed (X 28); C, embryo in situ (X 28); D, transection of seed (X 28).



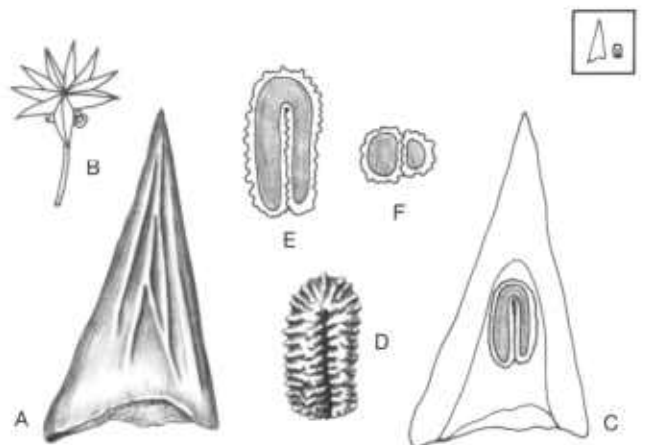
Alismataceae

Alisma lanceolatum Withering (A-C) (X 24). A, Fruit; B, embryo in situ within fruit; C, transection of fruit.

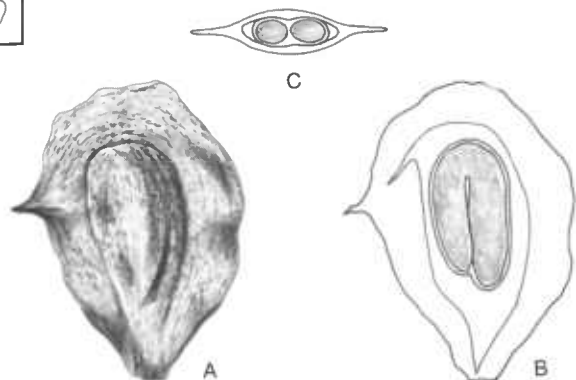


Alismataceae

Damasonium australe Salisbury (A-F). A, Fruit segment (X 10); B, outline of fruiting head (X 2); C, outline of fruit segment (X 10); D, seed (X 16); E, embryo in situ (X 16); F, transection of fruit (X 16).



Alismatidae
Alismataceae
Hydrocharitaceae

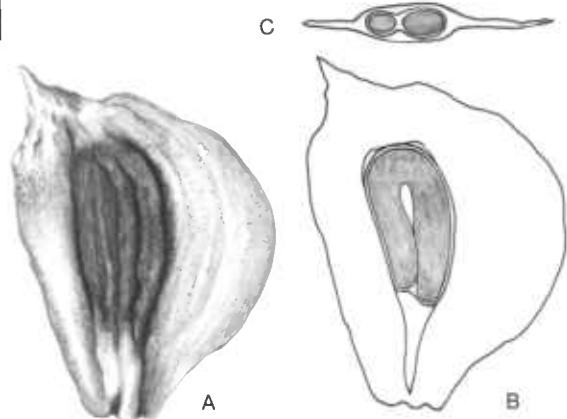


Alismataceae

Sagittaria pygmaea Miquel (A-C) (X 10). A, Fruit; B, embryo in situ; C, transection of fruit.

Sagittaria aginashi Makino

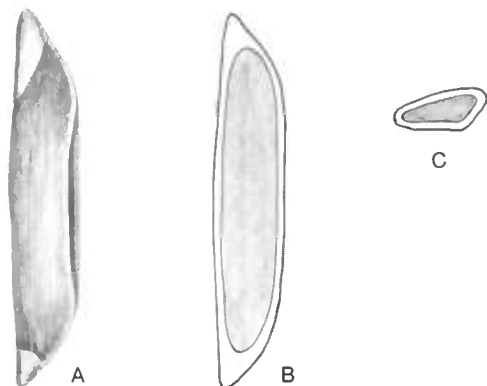
Sagittaria chilensis Chamisso & Schlechter



Alismataceae

Sagittaria sagittifolia Linnaeus (A-C) (X 10). A, Fruit; B, embryo in situ; C, transection of fruit.

Sagittaria trifolia Linnaeus

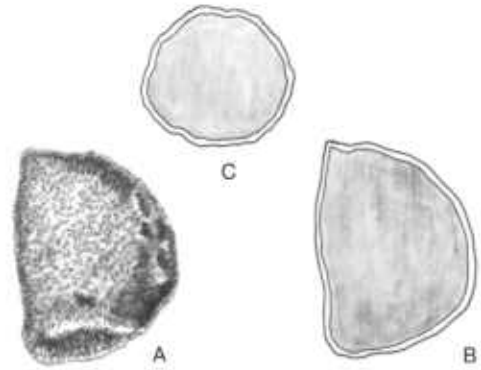


Hydrocharitaceae

Blyxa japonica (Miquel) Maximowicz (A-C) (X 28). A, Seed; B, embryo in situ; C, transection of seed.

Hydrocharitaceae

Hydrilla verticillata (Linnaeus f.) Royle (A-C) (X 336). A, Seed; B, longitudinal section, embryo indiscernible; C, transection of seed.



Hydrocharitaceae

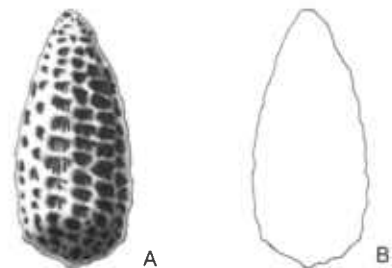
Lagarosiphon major (Ridley) Moss

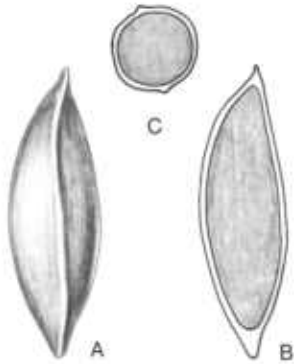
Notes: Seeds not available for study.

Hydrocharitaceae

Nechamandra alternifolia (Roxburgh ex Wight) Thwaites (A-B) (X 24). A, Seed; B, seed outline.

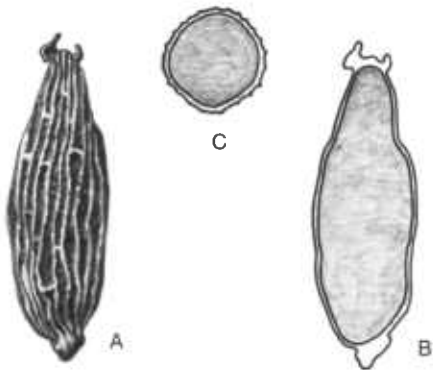
Notes: Illustration from electron micrograph. Seeds not available for dissection.





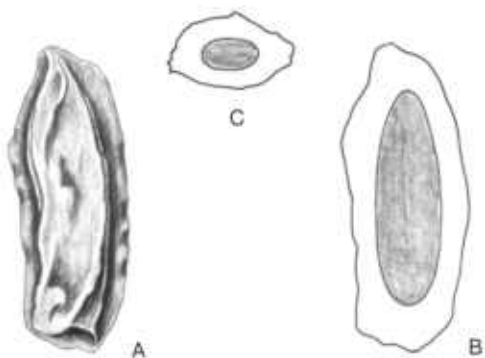
Hydrocharitaceae

Ottelia alismoides (Linnaeus) Persoon (A-C) (X 32). A, Seed; B, embryo in situ; C, transection of seed.



Hydrocharitaceae

Vallisneria spiralis Linnaeus (A-C) (X 24). A, Seed; B, embryo in situ; C, transection of seed.



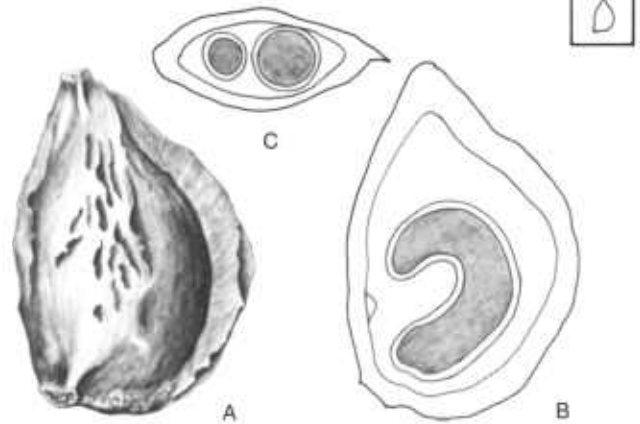
Aponogetonaceae

Aponogeton natans (Linnaeus) Engler & Krause (A-C) (X 32). A, Seed; B, embryo in situ; C, transection of seed.

Potamogetonaceae

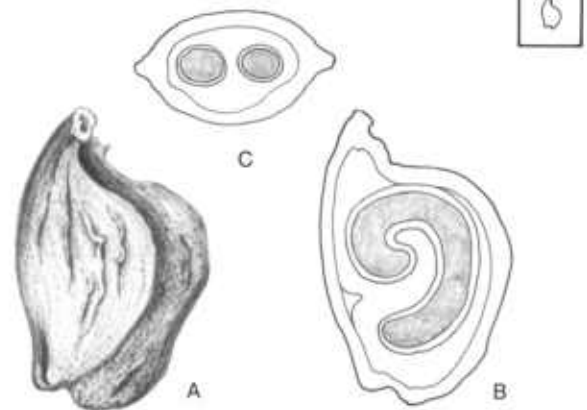
Potamogeton ochreatus Raoul (A-C) (X 12). A, Fruit; B, embryo in situ; C, transection of fruit.

Potamogeton distinctus A. Bennett
Potamogeton lucens Linnaeus



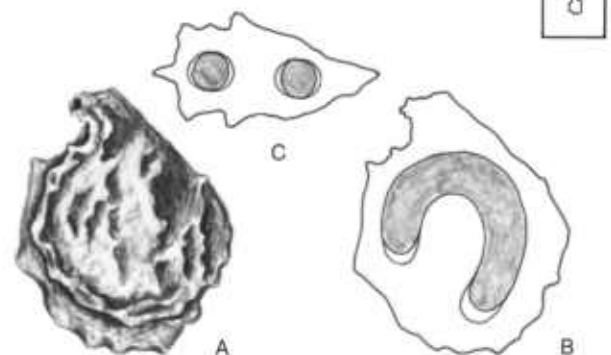
Potamogetonaceae

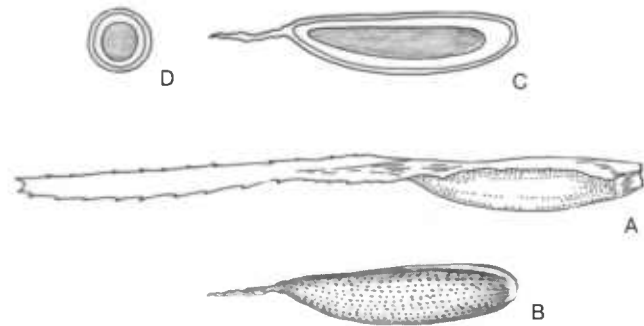
Potamogeton schweinfurthii A. Bennett (A-C) (X 10). A, Fruit; B, embryo in situ; C, transection of fruit.



Potamogetonaceae

Potamogeton tricarinatus F. v. Mueller & A. Bennett (A-C) (X 14). A, Fruit; B, embryo in situ; C, transection of fruit.



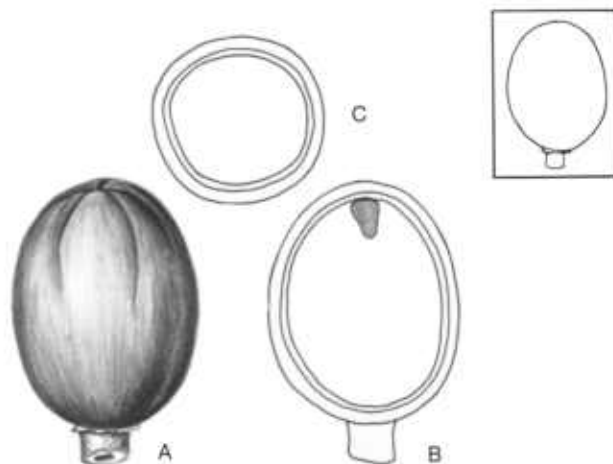


Najadaceae

Najas graminea Delile (A-D) (X 16). A, Fruit; B, seed; C, embryo in situ; D, transection of seed.

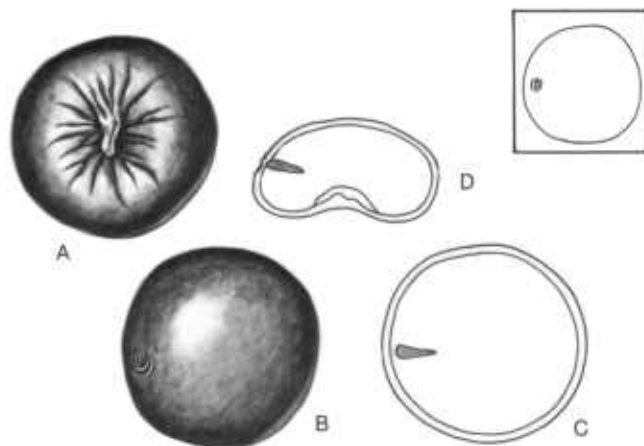
Arecaceae

Copernicia australis Beccari (A-C) (X 2). A, Fruit; B, embryo in situ; C, transection of fruit.



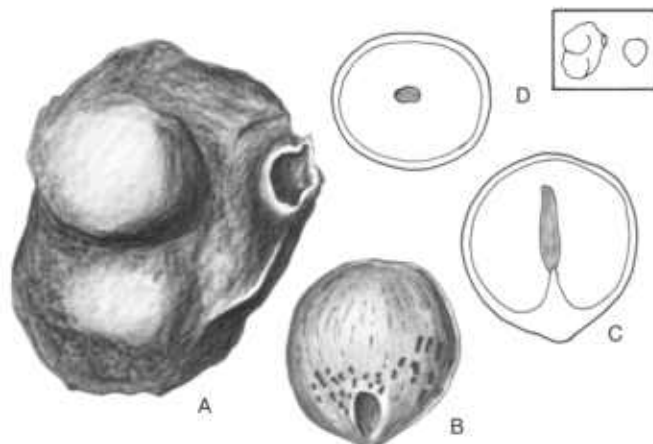
Arecaceae

Sabal mexicanum Martius (A-D) (X 1.75). A-B, Fruit in basal and apical views; C, embryo in situ; D, transection of fruit.

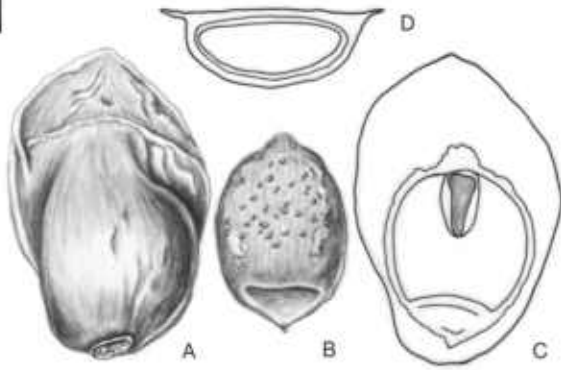


Araceae

Arum italicum Miller (A-D) (X 6). A, Fruit; B, seed; C, embryo in situ; D, transection of seed.



Arecidae
Araceae
Lemnaceae



Araceae

Pinellia ternata (Thunberg) Breitenbach (A-D) (X 8). A, Fruit; B, seed; C, embryo in situ; D, transection of fruit.

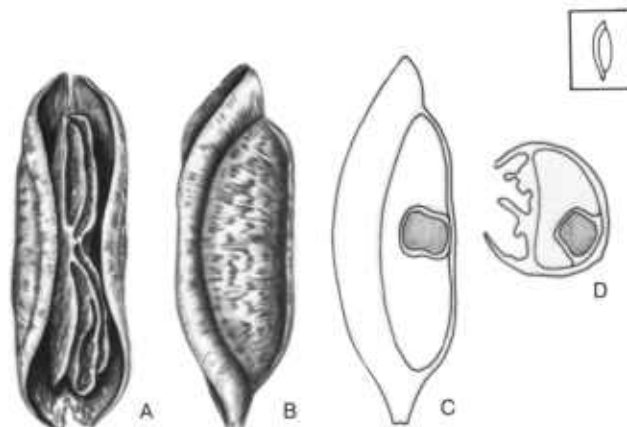
Lemnaceae

Wolffia arrhiza (Linnaeus) Wimmer

Notes: Seeds not available for study.

Commelinaceae

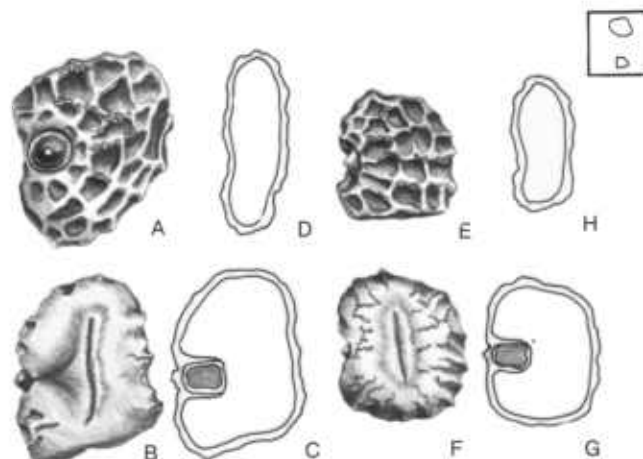
Commelina africana Linnaeus (A-D) (X 6). A-B, Seed in two views; C, embryo in situ; D, transection of seed.



Commelinaceae

Commelina benghalensis Linnaeus (A-H) (X 8). A-B, E-F, Seeds in two views; C, G, embryos in situ; D, H, transections of seeds.

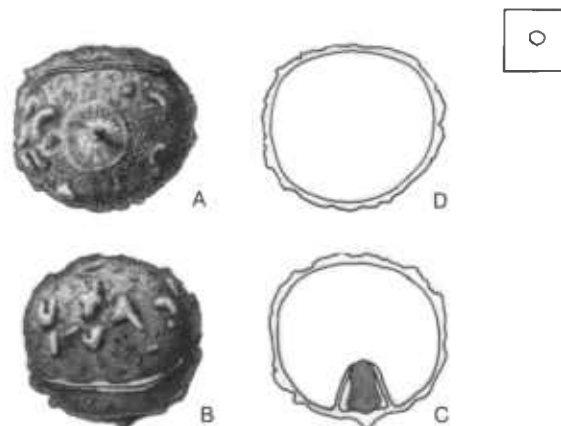
Notes: Plant produces dimorphic seeds. Both types are illustrated: A-D, Subterranean seeds; E-H, aerial seeds.



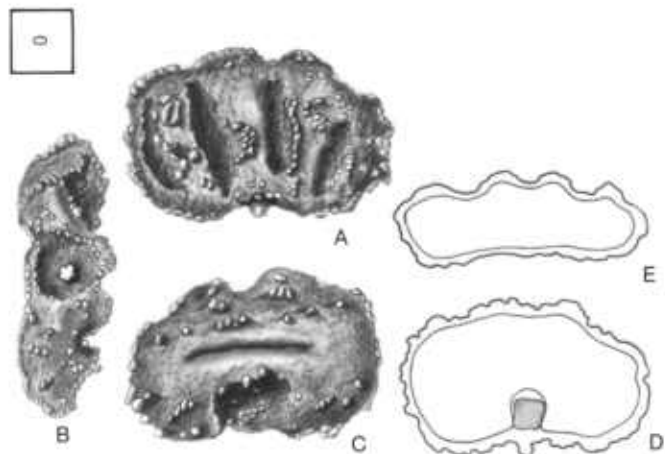
Commelinaceae

Commelina latifolia Hochstetter ex A. Richard (A-D) (X 10). A-B, Seed in two views; C, embryo in situ; D, transection of seed.

Commelina kotschy Hasskarl



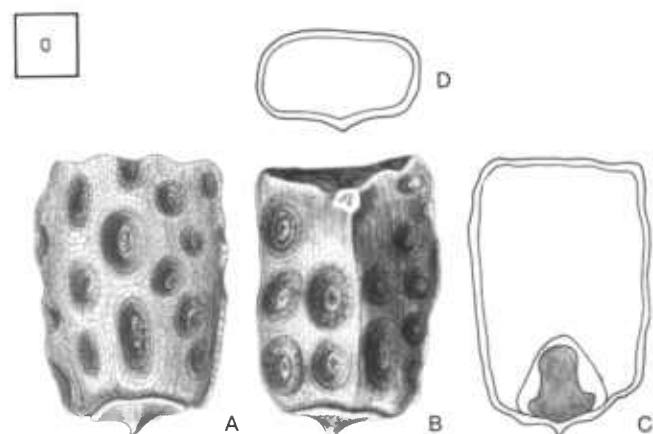
Commelinidae
Commelinaceae



Commelinaceae

Commelina subulata Roth (A-E) (X 20). A-C, Seed in three views; D, embryo in situ; E, transection of seed.

Commelina salicifolia Roxburgh

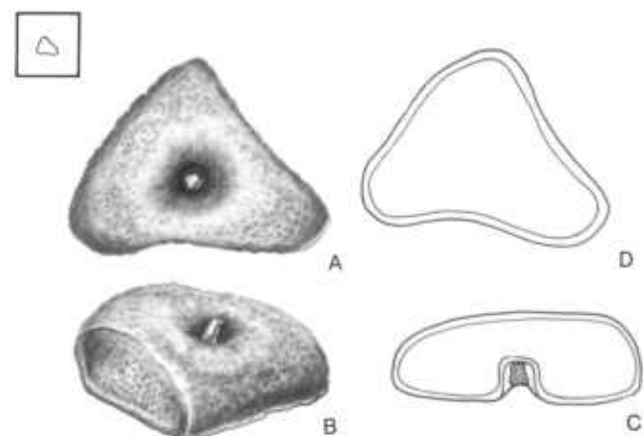


Commelinaceae

Cyanotis axillaris (Linnaeus) D. Don (A-D) (X 22). A-B, Seed in two views; C, embryo in situ; D, transection of seed.

Cyanotis papilionacea J.H. Schultes

Cyanotis villosa J.H. Schultes



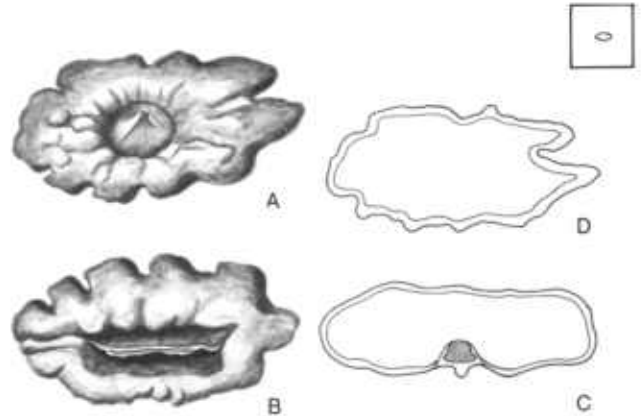
Commelinaceae

Murdannia japonica (Thunberg) Faden (A-D) (X 24). A-B, Seed in two views; C, embryo in situ; D, transection of seed.

Murdannia keisak (Hasskarl) Handel-Mazzetti

Commelinaceae

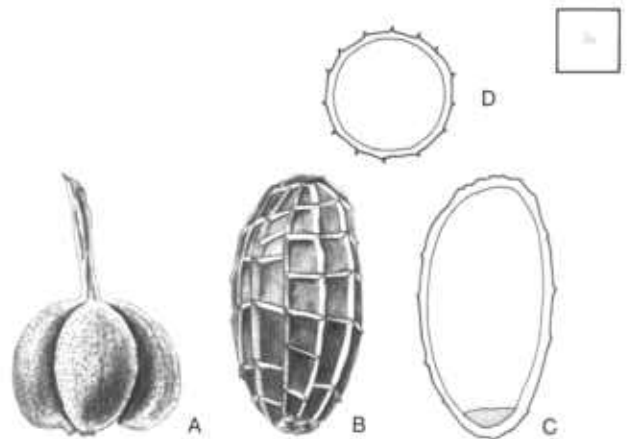
Tradescantia crassifolia Cavanilles (A-D) (X 16). A-B, Seed in two views; C, embryo in situ; D, transection of seed.



Eriocaulaceae

Eriocaulon truncatum Buchanan-Hamilton ex Martius (A-D). A, Fruit (X 40); B, seed (X 66); C, embryo in situ (X 66); D, transection of seed (X 66).

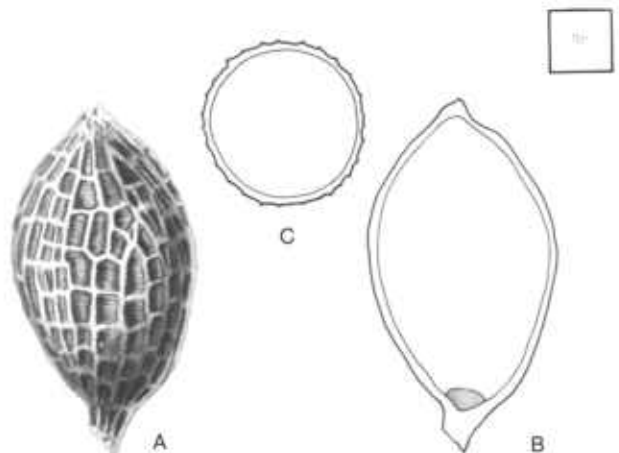
Eriocaulon cinereum R. Brown
Eriocaulon luzulaefolium Martius
Eriocaulon quinquangulare Linnaeus

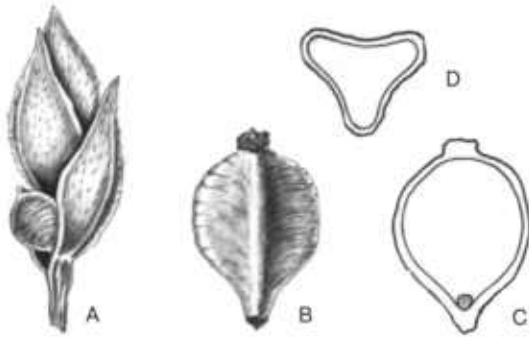


Juncaceae

Juncus microcephalus Humboldt, Bonpland, Kunth (A-C) (X 110). A, Seed; B, embryo in situ; C, transection of seed.

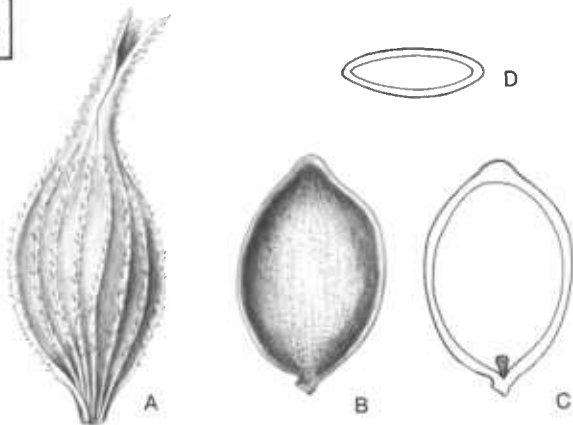
Juncus leschenaultii J. Gay ex Laharpe
Juncus prismatocarpus R. Brown





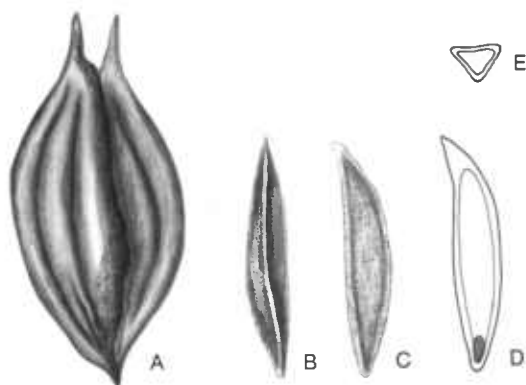
Cyperaceae

Bulbostylis puberula (Poirot) C.B. Clarke (A-D). A, Fruiting head (X 10); B, fruit (X 32); C, embryo in situ (X 32); D, transection of fruit (X 32).



Cyperaceae

Carex myosurus Nees (A-D) (X 14). A, Fruit enclosed in perigynium; B, fruit with perigynium removed; C, embryo in situ; D, transection of fruit.



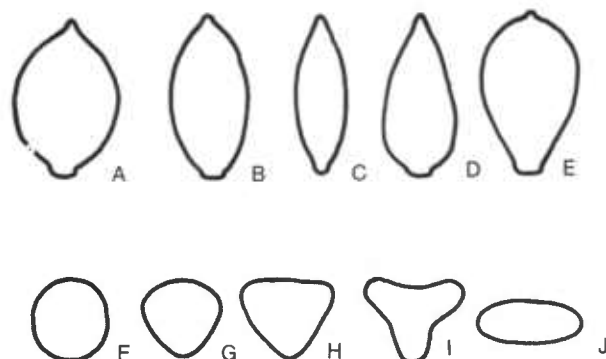
Cyperaceae

Courtoisia cyperoides Nees (A-E) (X 10). A, Fruit enclosed in glumes; B-C, fruit in lateral view with glumes removed; D, embryo in situ; E, transection of fruit.

Cyperaceae

Cyperus

- amabilis* Vahl; E, F.
bulbosus Vahl; E, I.
corymbosus Rottboell; B, H.
diffusus Vahl; D, I.
distans Linnaeus f.; C, H.
exaltatus Retzius; B, G.
flavidus Retzius; not seen.
hakonensis Franchet & Savatier; not seen.
imbricatus Retzius; B, H.
javanicus Houttuyn; B, H.



Cyperaceae

Cyperus

- kyllingia* Endlicher; A, J.
laetus J. & C. Presl; C, G.; illustrated.
lanceolatus Poirer; A, F.
longus Linnaeus; E, I.
luzulae Rottboell ex Willdenow; C, I.
maritimus Poirer; A, F.
microiria Steudel; B, I.
monti Linnaeus; A, J.; illustrated.
mundtii Kunth; E, J.
novae-hollandiae Boeckeler; not seen.

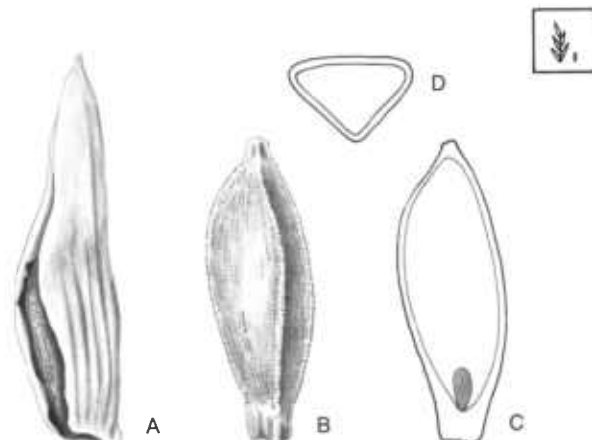
Cyperaceae

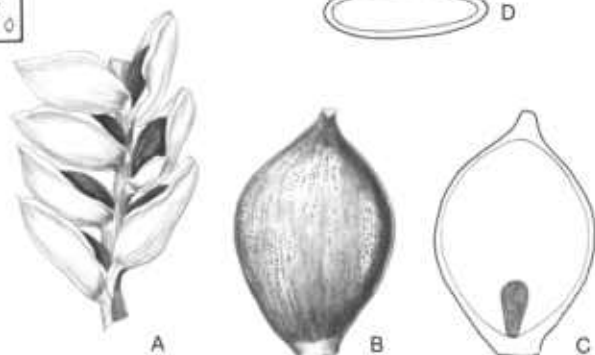
Cyperus

- pilosus* Vahl; A, I.; illustrated.
reduncus Hochstetter ex Boeckeler; C, G.
retzii Nees; E, G.
rigidifolius Steudel; B, I.
sanguinolentus Vahl; A, J.
tegetum Roxburgh; not seen.
tenuiculmis Boeckeler; E, I.
tenuispica Steudel; E, G.
tremulus Poirer; E, J.
zollingeri Steudel; B, I.

Cyperaceae

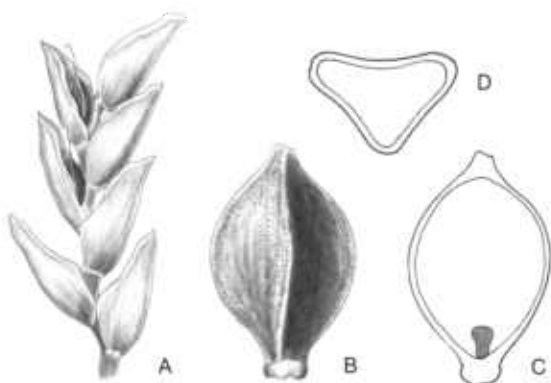
Cyperus laetus J. & C. Presl (A-D). A, Fruit enclosed in glume (X 20); B, fruit with glume removed (X 32); C, embryo in situ (X 32); D, transection of fruit (X 32).





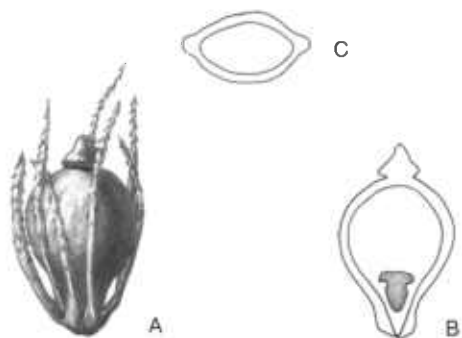
Cyperaceae

Cyperus monti Linnaeus (A-D). A, Fruiting head (X 6); B, fruit (X 18); C, embryo in situ (X 18); D, transection of fruit (X 18).



Cyperaceae

Cyperus pilosus Vahl (A-D). A, Fruiting head (X 10); B, fruit (X 32); C, embryo in situ (X 32); D, transection of fruit (X 32).



Cyperaceae

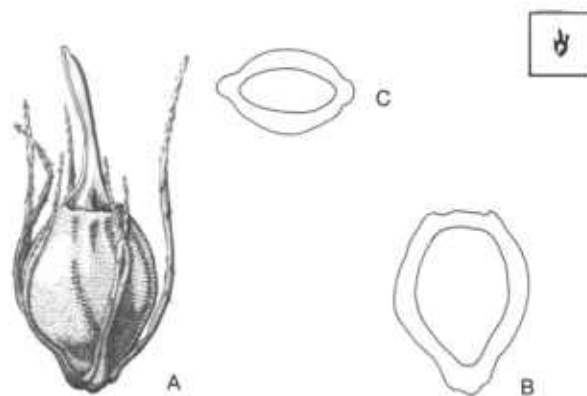
Eleocharis afflata Steudel (A-C) (X 24). A, Fruit; B, embryo in situ; C, transection of fruit.

Eleocharis chaetaria Roemer & Schultes

Cyperaceae

Eleocharis dulcis (N.L. Burman) Henschel (A-C) (X 14). A, Fruit with persistent bristles and style; B, longitudinal section of fruit (embryo not discernible in available material); C, transection of fruit.

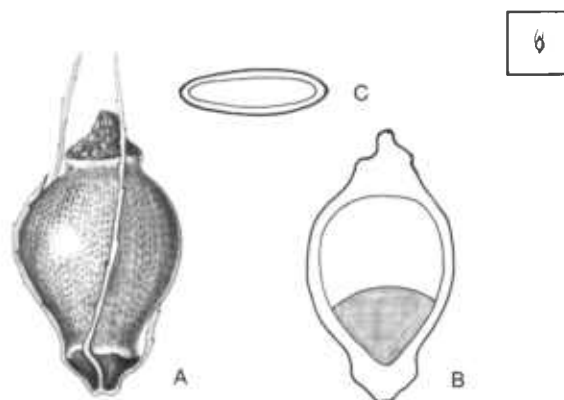
Eleocharis erecta Schumacher (not seen)
Eleocharis kuroguwai Ohwi (not seen)
Eleocharis mutata R. Brown



Cyperaceae

Eleocharis nodulosa Schultes (A-C) (X 24). A, Fruit with persistent bristles; B, embryo in situ; C, transection of fruit.

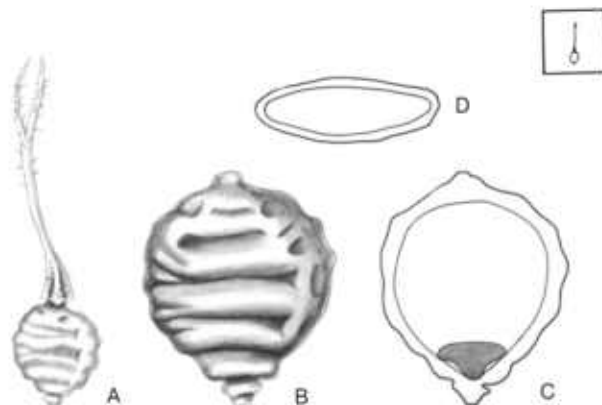
Eleocharis ochreatea Nees
Eleocharis tuberosa Schultes (not seen)

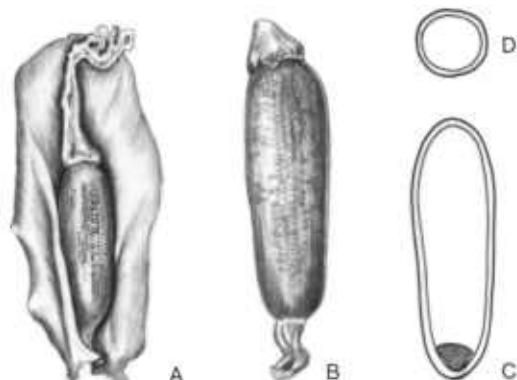


Cyperaceae

Fimbristylis acuminata Vahl (A-D). A, Fruit with persistent style (X 8); B, fruit with style removed (X 16); C, embryo in situ (X 16); D, transection of fruit (X 16).

Fimbristylis aestivalis (Retzius) Vahl
Fimbristylis complanata (Retzius) Link
Fimbristylis cymosa R. Brown

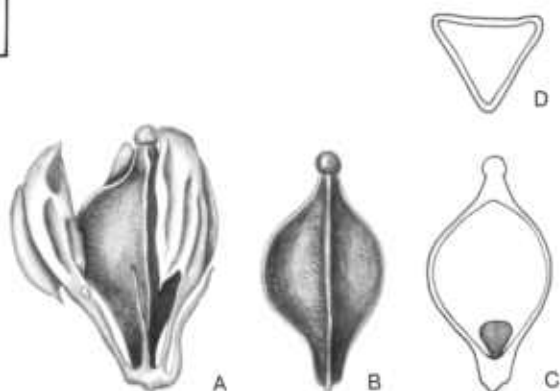




Cyperaceae

Fimbristylis tetragona R. Brown (A-D). A, Fruit in persistent scale (X 10); B, fruit (X 20); C, embryo in situ (X 20); D, transection of fruit (X 20).

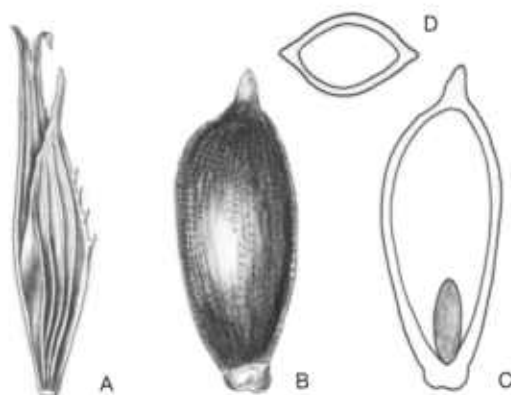
Fimbristylis ferruginea (Linnaeus) Vahl
Fimbristylis globulosa (Retzius) Kunth
Fimbristylis quinquangularis (Vahl) Kunth



Cyperaceae

Fuirena glomerata Lamarck (A-D) (X 32). A, Fruit enclosed in reduced floral parts; B, fruit with floral parts removed; C, embryo in situ; D, transection of fruit.

Fuirena umbellata Rottboell



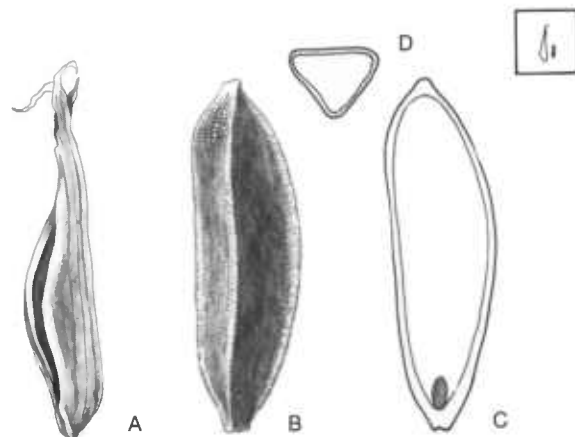
Cyperaceae

Kyllinga polyphylla Thouars ex Link (A-D). A, Fruit enclosed in glumes (X 12); B, fruit with glumes removed (X 38); C, embryo in situ (X 38); D, transection of fruit (X 38).

Cyperaceae

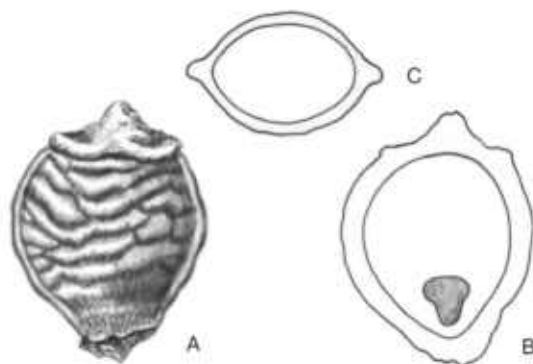
Mariscus umbellatus Vahl (A-D). A, Fruit enclosed in glumes (X 12); B, fruit with glumes removed (X 24); C, embryo in situ (X 24); D, transection of fruit (X 24).

Mariscus rufus Humboldt, Bonpland, Kunth
Mariscus ustulatus C.B. Clarke



Cyperaceae

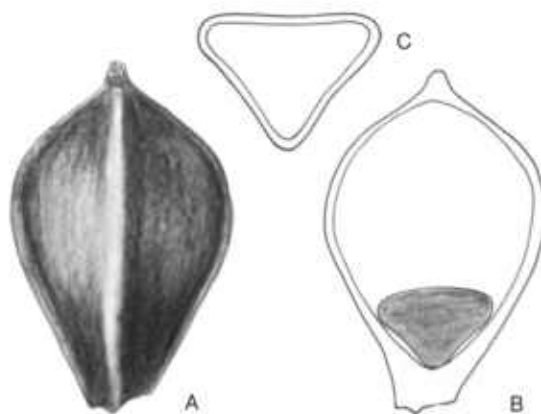
Rhynchospora tenuis Link (A-C) (X 32). A, Fruit; B, embryo in situ; C, transection of fruit.

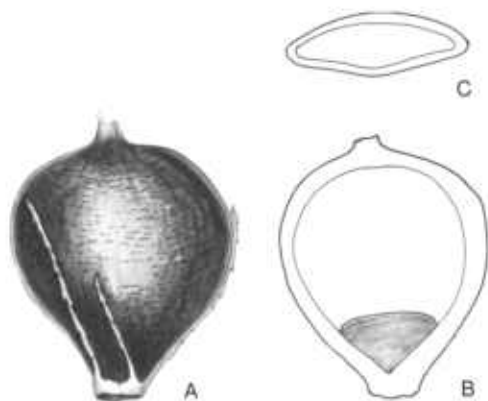


Cyperaceae

Scirpus articulatus Linnaeus (A-C) (X 24). A, Fruit; B, embryo in situ; C, transection of fruit.

Scirpus grossus Linnaeus f.
Scirpus juncooides Roxburgh var. *hotarui* (Ohwi) Ohwi
Scirpus juncooides Roxburgh var. *juncooides*

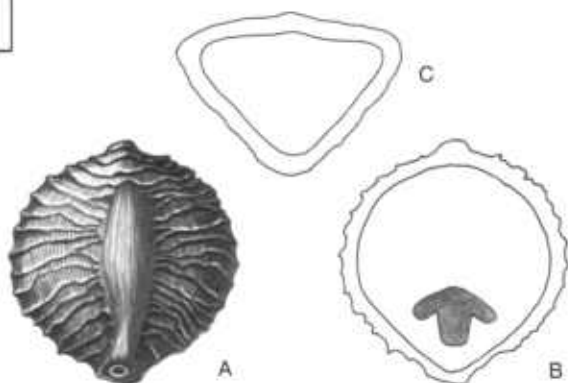




Cyperaceae

Scirpus erectus Poiret (A-C) (X 20). A, Fruit with persistent bristles; B, embryo in situ; C, transection of fruit.

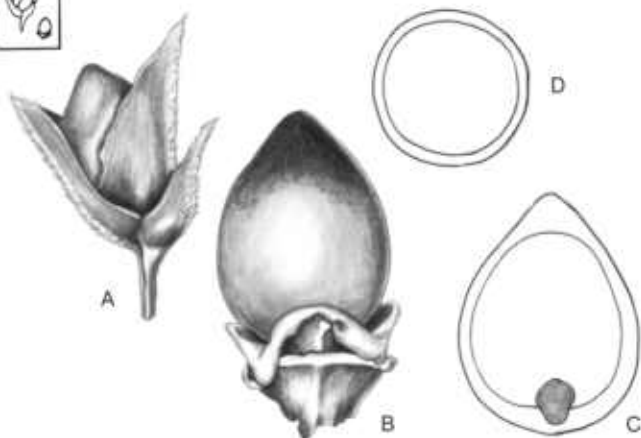
Scirpus lateriflorus J.F. Gmelin
Scirpus mucronatus Linnaeus
Scirpus praelongatus Poiret



Cyperaceae

Scirpus supinus Linnaeus (A-C) (X 24). A, Fruit; B, embryo in situ; C, transection of fruit.

Scirpus wallichii Nees



Cyperaceae

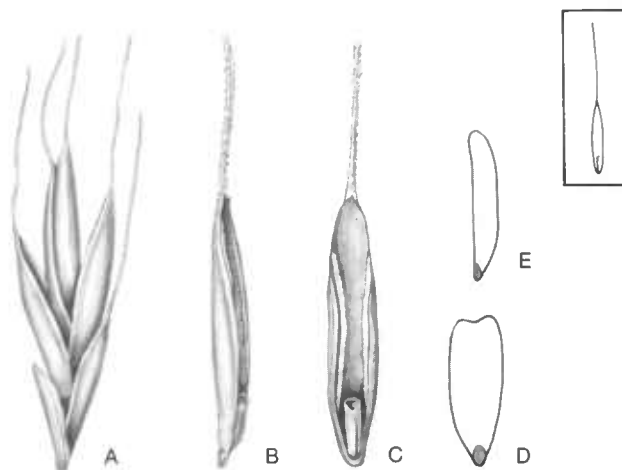
Scleria barteri Boeckeler (A-D). A, Fruiting head (X 5); B, fruit with persistent floral cup (X 10); C, embryo in situ (X 10); D, transection of fruit (X 10).

Scleria melaleuca Reichenbach ex Schlechter & Chamisso
Scleria poaeiformis Retzius
Scleria sumatrensis Retzius

Poaceae
Pooideae

Agropyron semicostatum (Steudel) Nees (A-E). A, Spikelet (X 2); B-C, floret in two views (X 4); D-E, outline of embryo in caryopsis in two views (X 4).

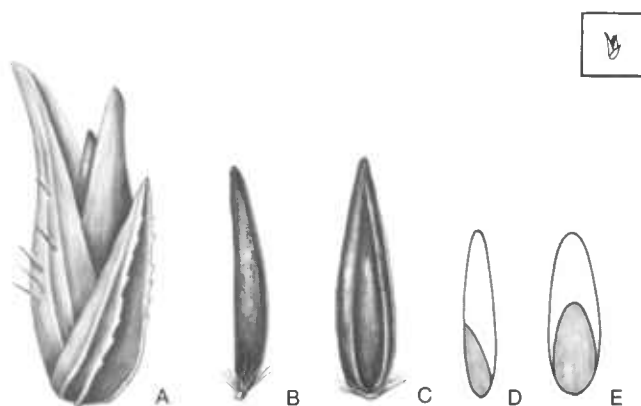
Agropyron kamoji Ohwi



Poaceae
Pooideae

Arundinella bengalensis (Sprengel) Druce (A-E) (X 16). A, Spikelet; B-C, floret in two views; D-E, caryopsis in two views.

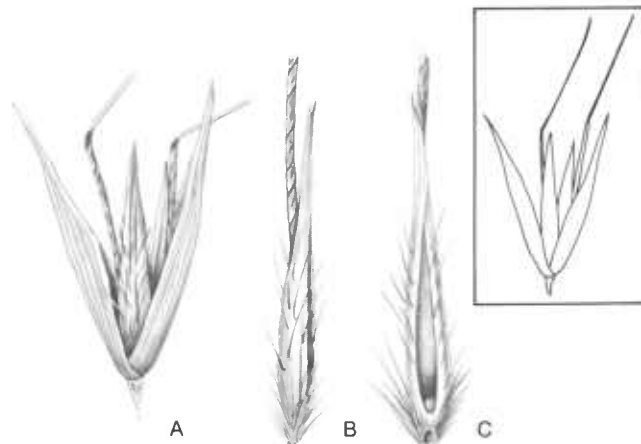
Arundinella leptochloa (Nees) J.D. Hooker

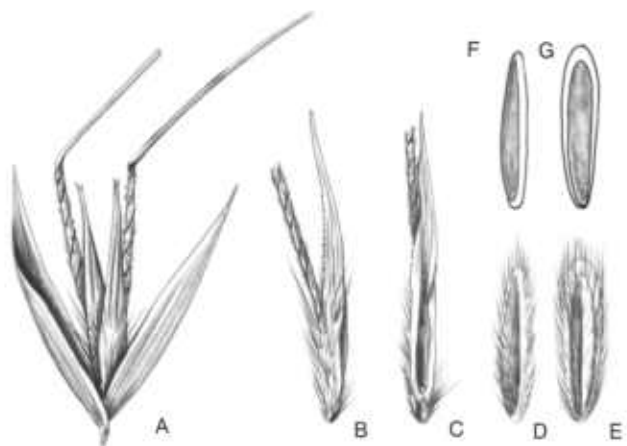


Poaceae
Pooideae

Avena sterilis Linnaeus subsp. *ludoviciana* (Durieu) Nyman (A-C). A, Spikelet (X 2); B-C, floret in two views (X 4).

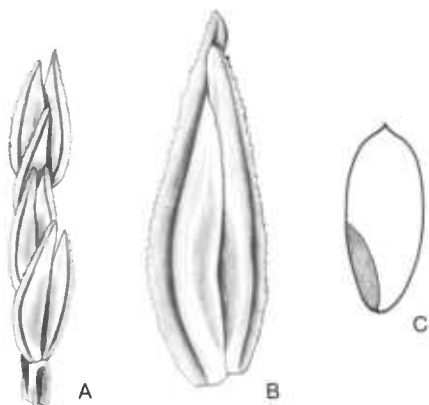
Avena byzantina C. Koch





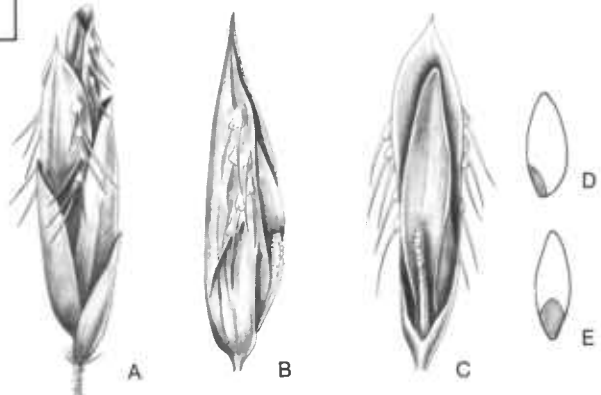
Poaceae
Pooideae

Avena sterilis Linnaeus subsp. *sterilis* (A-G). A, Spikelet (X 1); B-C, floret in two views (X 1.3); D-E, caryopsis (X 3.3); F-G, outline of embryo in caryopsis in two views (X 3.3).



Poaceae
Pooideae

Brachyachne convergens (F. v. Mueller) Stapf (A-C). A, Spikelet (X 6); B, floret (X 14); C, caryopsis (X 16).

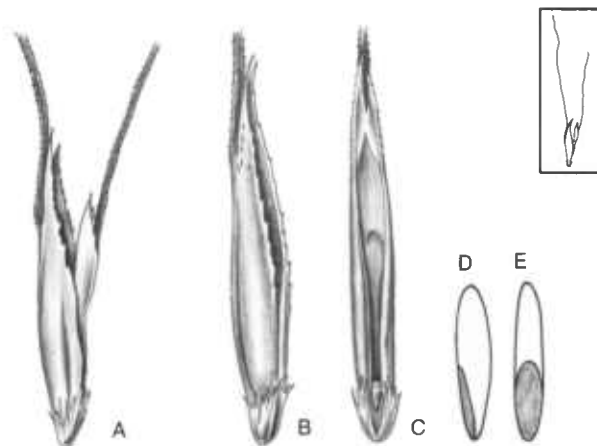


Poaceae
Pooideae

Centotheca lappacea (Linnaeus) Desvaux (A-E). A, Spikelet (X 8); B-C, floret in two views (X 12); D-E, outline of embryo in caryopsis in two views (X 12).

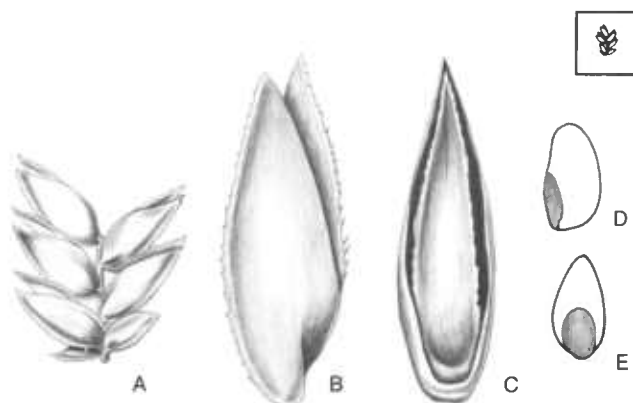
Poaceae
Pooideae

Chloris halophila Parodi (A-E). A, Spikelet (X 8); B-C, floret in two views (X 10); D-E, caryopsis in two views (X 10).



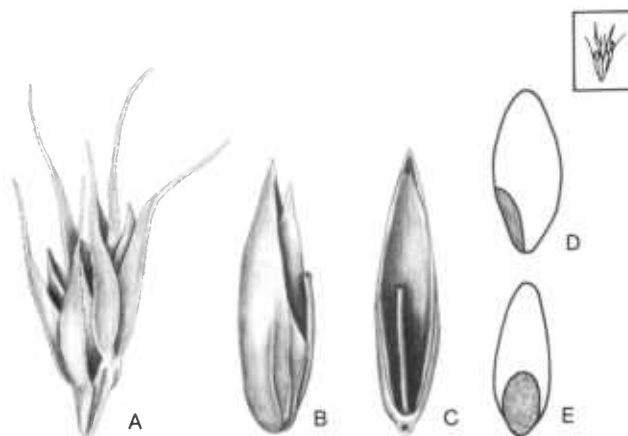
Poaceae
Pooideae

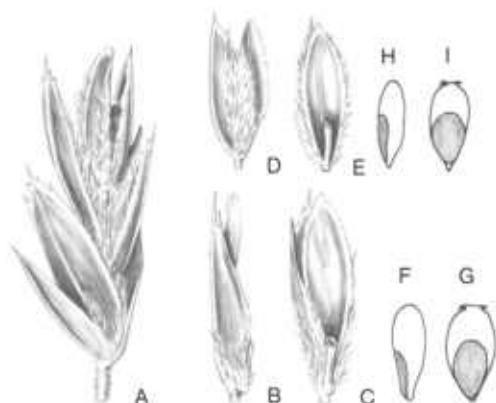
Desmostachya bipinnata (Linnaeus) Stapf (A-E). A, Spikelet (X 8); B-C, floret in two views (X 24); D-E, caryopsis in two views (X 24).



Poaceae
Pooideae

Dinebra retroflexa (Vahl) Panzer (A-E). A, Spikelet (X 6); B-C, floret in two views (X 16); D-E, caryopsis in two views (X 16).

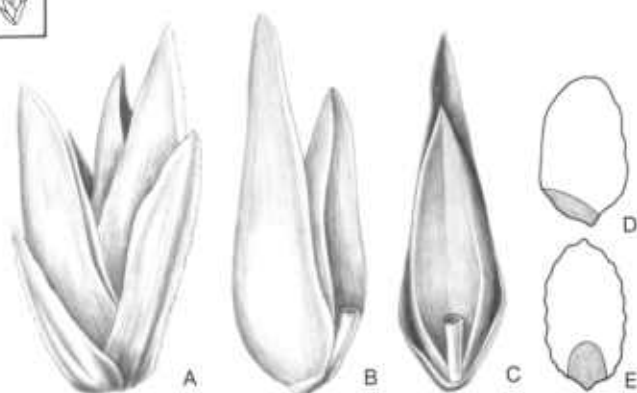




Poaceae
Pooideae

Diplachne fusca (Linnaeus) Palisot de Beauvois (A-I)
(X 8). A, Spikelet; B-E, florets of each type in two views;
F-I, caryopsis of each type in two views.

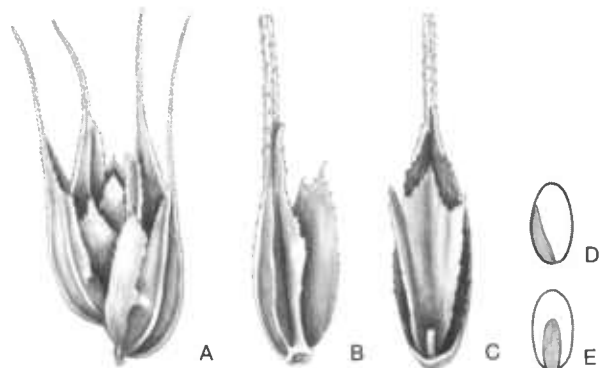
Notes: This plant produces dimorphic fruits. Both
types, (B-C, F-G) and (D-E, H-I), are illustrated.



Poaceae
Pooideae

Eleusine africana Kennedy-O'Byrne (A-E). A, Spikelet
(X 10); B-C, floret in two views (X 12); D-E, caryopsis in
two views (X 12).

Eleusine compressa (Forsskal) Ascherson & Schweinfurth



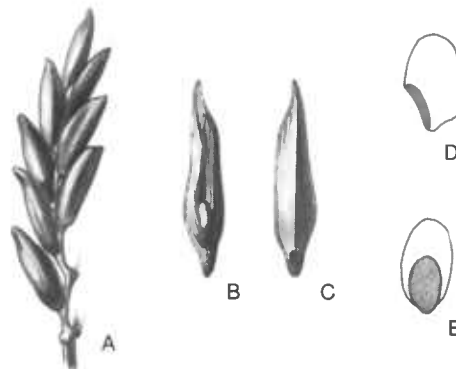
Poaceae
Pooideae

Elytrophorus articulatus Palisot de Beauvois (A-E). A,
Spikelet (X 16); B-C, floret in two views (X 20); D-E,
caryopsis in two views (X 20).

Poaceae
Pooideae

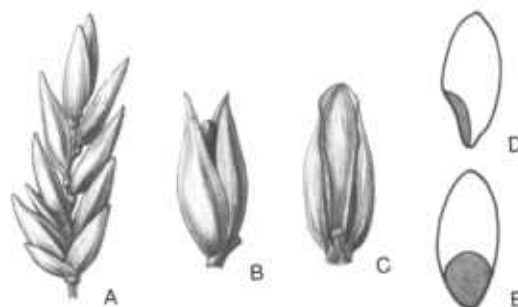
Eragrostis aethiopica Chiovenda (A-E). A, Spikelet (X 14); B-C, floret in two views (X 24); D-E, caryopsis in two views (X 24).

Eragrostis airoides Nees



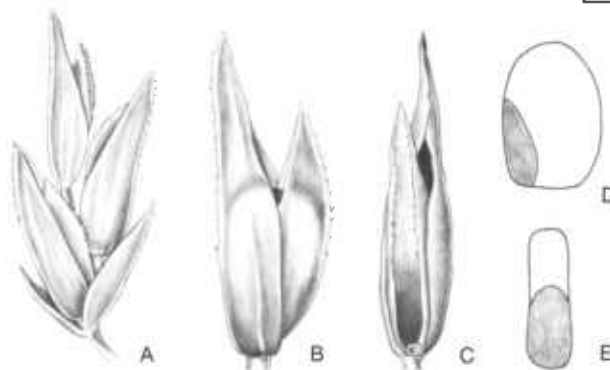
Poaceae
Pooideae

Eragrostis diarrhena (Schultes) Steudel (A-E). A, Spikelet (X 16); B-C, floret in two views (X 30); D-E, caryopsis in two views (X 30).

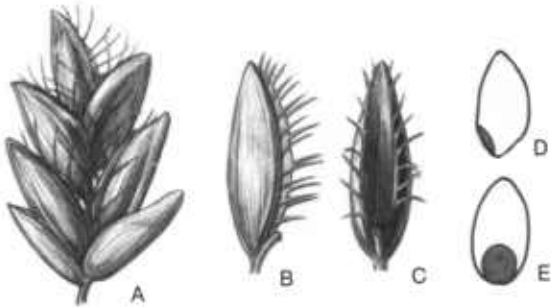


Poaceae
Pooideae

Eragrostis ferruginea (Thunberg) Palisot de Beauvois (A-E). A, Spikelet (X 12); B-C, floret in two views (X 16); D-E, caryopsis in two views (X 16).



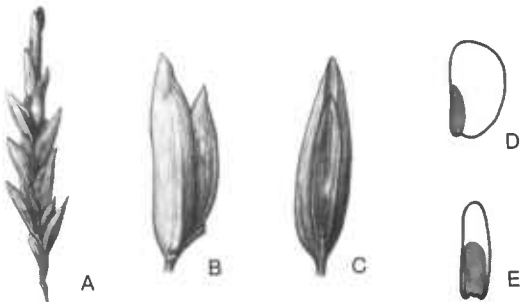
Commelinidae
Poaceae
Pooideae



Poaceae
Pooideae

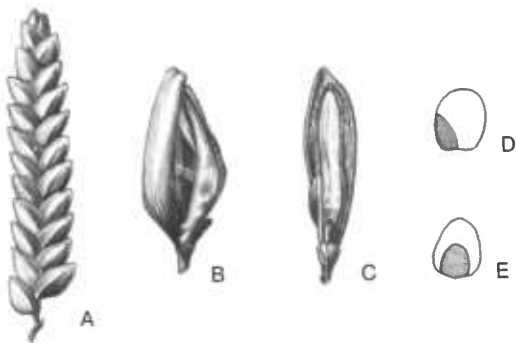
Eragrostis japonica (Thunberg) Trinius (A-E). A, Spikelet (X 20); B-C, floret in two views (X 28); D-E, caryopsis in two views (X 28).

Eragrostis malayana Stapf



Poaceae
Pooideae

Eragrostis tenuifolia Hochstetter (A-E). A, Spikelet (X 4); B-C, floret in two views (X 14); D-E, caryopsis in two views (X 14).



Poaceae
Pooideae

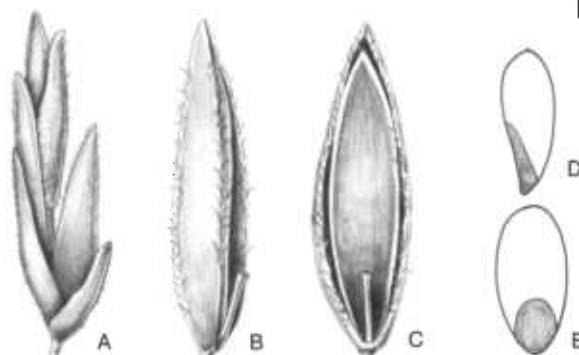
Eragrostis tremula Hochstetter (A-E). A, Spikelet (X 4); B-C, floret in two views (X 14); D-E, caryopsis in two views (X 14).

Eragrostis unioides (Retzius) Nees ex Steudel
Eragrostis viscosa (Retzius) Trinius
Eragrostis zeylanica Hackel

Poaceae
Pooideae

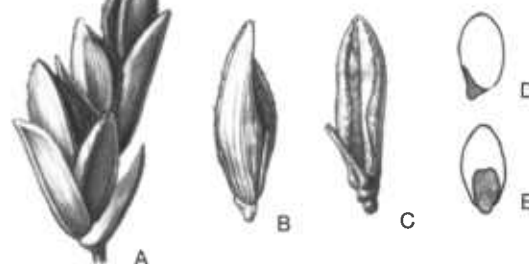
Leptochloa chinensis (Linnaeus) Nees (A-E). A, Spikelet (X 16); B-C, floret in two views (X 24); D-E, caryopsis in two views (X 24).

Leptochloa coerulescens Steudel
Leptochloa scabra Nees



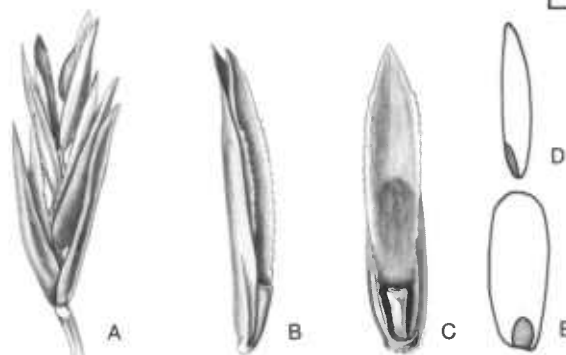
Poaceae
Pooideae

Leptochloa panicea (Retzius) Ohwi (A-E). A, Spikelet (X 20); B-C, floret in two views (X 24); D-E, caryopsis in two views (X 24).

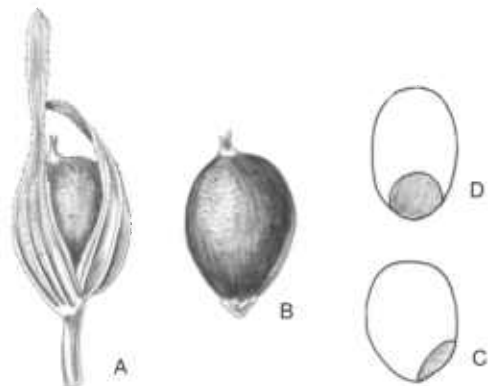


Poaceae
Pooideae

Lolium rigidum Gaudin (A-E). A, Spikelet (X 5); B-C, floret in two views (X 6); D-E, caryopsis in two views (X 6).

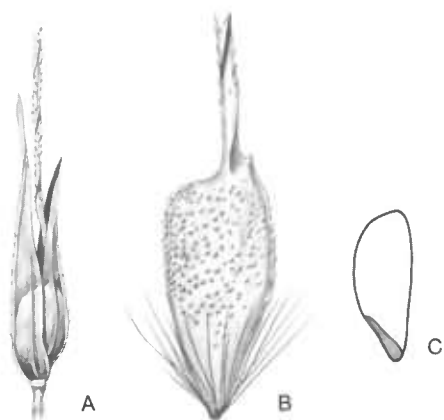


Commelinidae
Poaceae
Pooideae



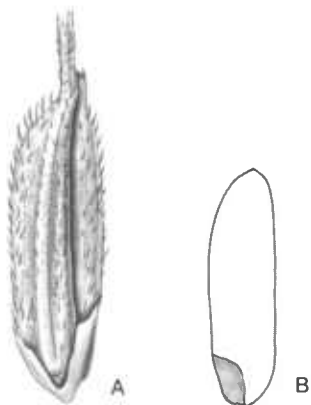
Poaceae
Pooideae

Luziola spruceana Benth. ex Doellinger (A-D) (X 10).
A, Floret; B, caryopsis; C-D, outline of embryo in caryopsis in two views.



Poaceae
Pooideae

Nassella trichotoma (Nees) Hackel (A-C). A, Spikelet (X 6); B, floret (X 16); C, caryopsis (X 16).



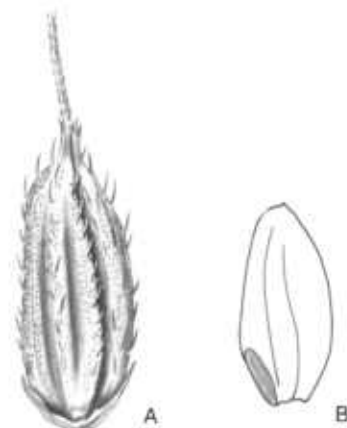
Poaceae
Pooideae

Oryza longistaminata A. Chevalier & Roehrich (A-B) (X 5). A, Floret; B, caryopsis.

Oryza barthii A. Chevalier
Oryza perennis Moench

Poaceae
Pooideae

Oryza punctata Kotschy ex Steudel (A-B) (X 8). A, Floret; B, caryopsis.



Poaceae
Pooideae

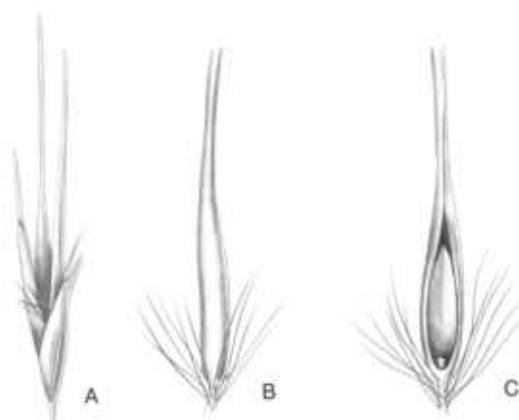
Oryza rufipogon Griffith (A-B) (X 6). A, Floret; B, caryopsis.

Notes: Seed drawing at right is X 0.6.

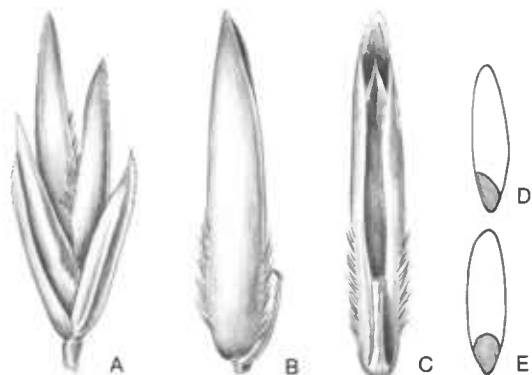


Poaceae
Pooideae

Phragmites karka (Retzius) Trinius (A-C). A, Spikelet (X 5); B-C, floret in two views (X 10).

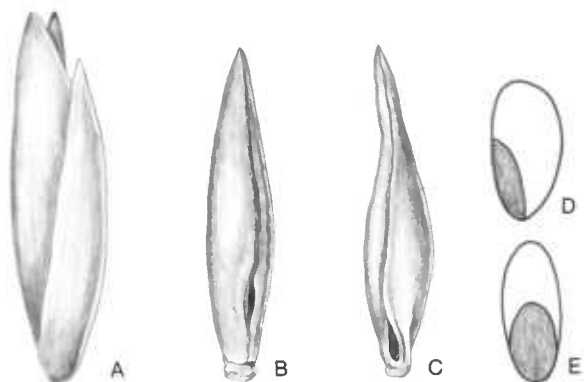


Commelinidae
Poaceae
Pooideae
Andropogoneae



Poaceae
Pooideae

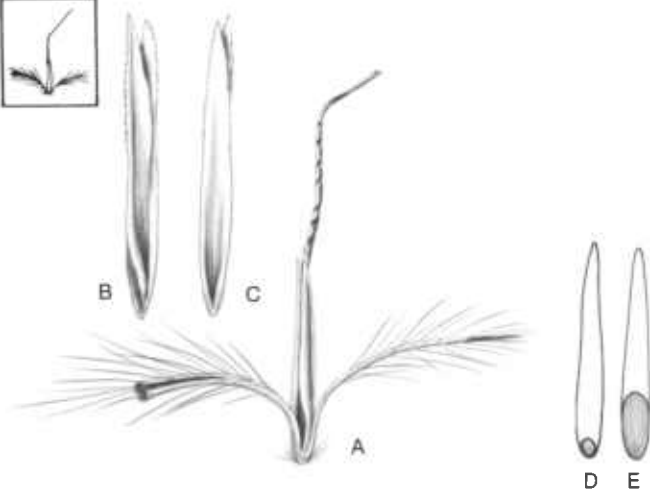
Poa sphondylodes Trinius (A-E). A, Spikelet (X 12); B-C, floret in two views (X 16); D-E, caryopsis in two views (X 16).



Poaceae
Pooideae

Sporobolus tremulus (Willdenow) Kunth (A-E) (X 20). A, Spikelet; B-C, floret; D-E, caryopsis.

Sporobolus diander (Retzius) Palisot de Beauvois



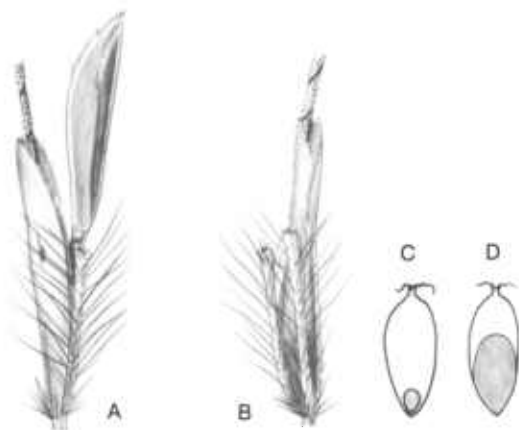
Poaceae
Andropogoneae

Andropogon condensatus Humboldt, Bonpland, Kunth (A-E). A, Spikelet (X 6); B-C, floret in two views (X 12); D-E, caryopsis in two views (X 8).

Andropogon lateralis Nees

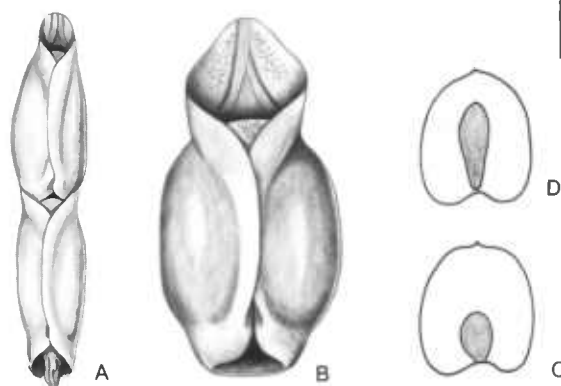
Poaceae
Andropogoneae

Bothriochloa pertusa (Linnaeus) A. Camus (A-D). A, Spikelet (X 10); B, floret (X 12); C-D, caryopsis in two views (X 12).



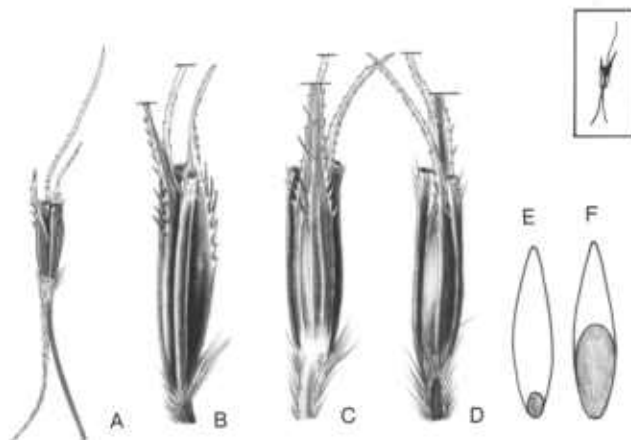
Poaceae
Andropogoneae

Chionachne hubbardiana Henrard (A-D). A, Spikelet (X 3.3); B, floret (X 6); C-D, caryopsis in two views (X 6).

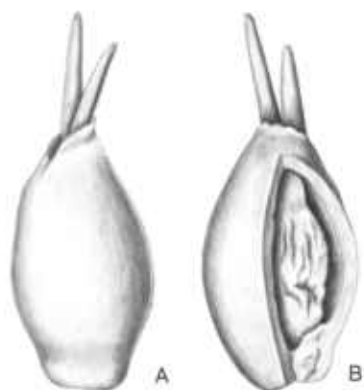


Poaceae
Andropogoneae

Chrysopogon aciculatus (Retzius) Trinius (A-F). A, Spikelet (X 4); B-D, floret in three views (X 10); E-F, caryopsis in two views (X 10).



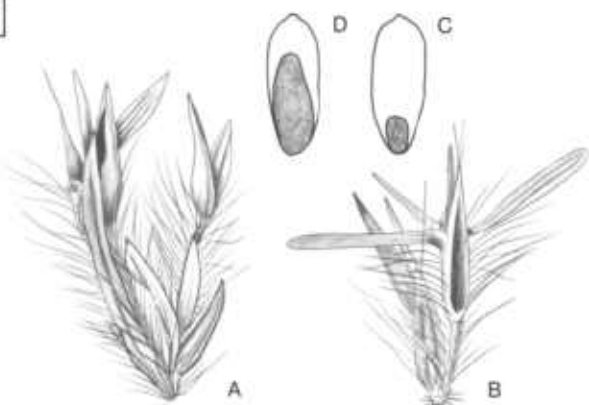
Commelinidae
Poaceae
Andropogoneae



Poaceae
Andropogoneae

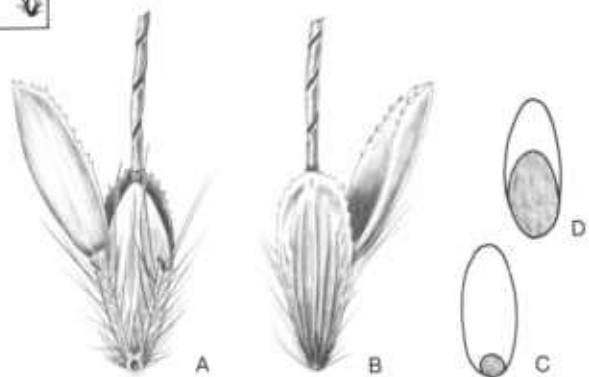
Coix agrestis Loureiro (A-B) (X 4). A, Floret; B, floret with cutaway to reveal caryopsis.

Notes: Paucity of seed material did not allow full dissection.



Poaceae
Andropogoneae

Cymbopogon proximus (Hochstetter) Stapf (A-D). A, Spikelets in alternate pairs along rachis (X 3); B, spikelet with florets in two views (X 4); C-D, caryopsis in two views (X 9).

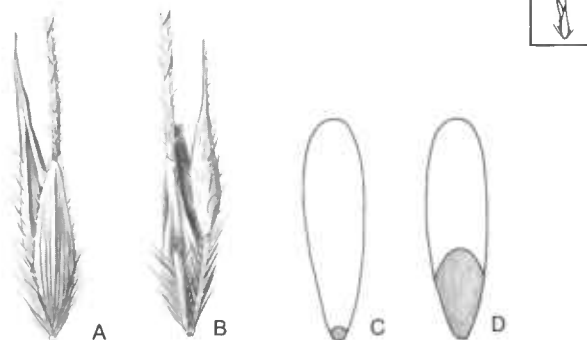


Poaceae
Andropogoneae

Dichanthium annulatum (Forsskal) Stapf (A-D) (X 10). A-B, Floret in two views; C-D, caryopsis in two views.

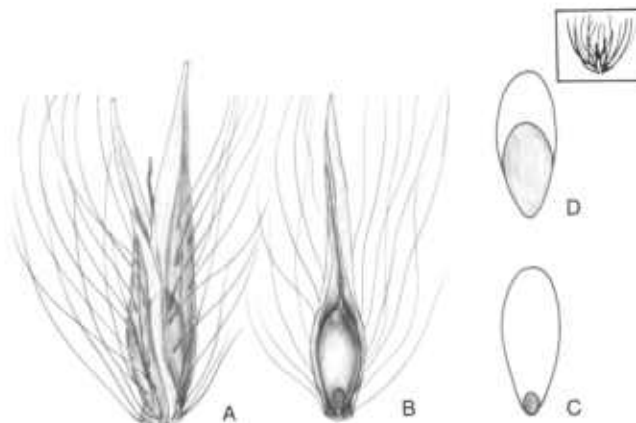
Poaceae
Andropogoneae

Hyparrhenia gazensis (Rendle) Stapf (A-D). A-B, Floret in two views (X 5); C-D, caryopsis in two views (X 10).



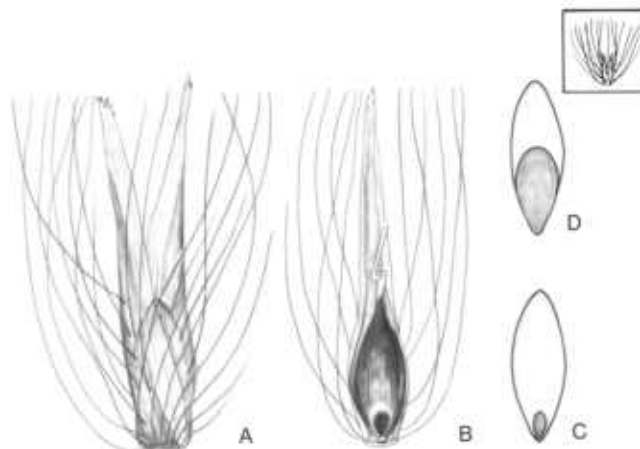
Poaceae
Andropogoneae

Imperata brasiliensis Trinius (A-D). A-B, Floret in two views (X 12); C-D, caryopsis in two views (X 18).

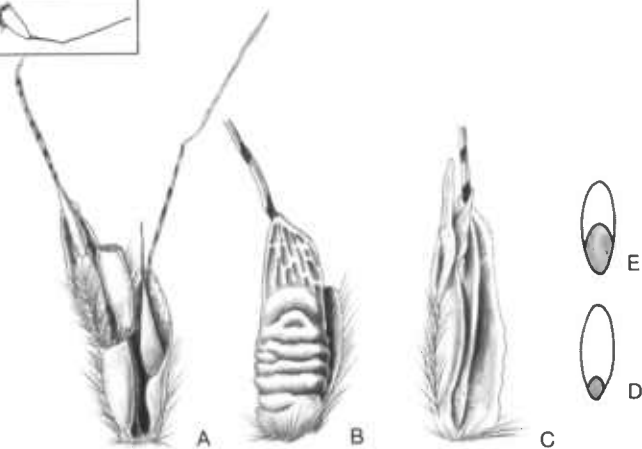


Poaceae
Andropogoneae

Imperata cylindrica (Linnaeus) Palisot de Beauvois (A-D). A-B, Floret in two views (X 12); C-D, caryopsis in two views (X 14).



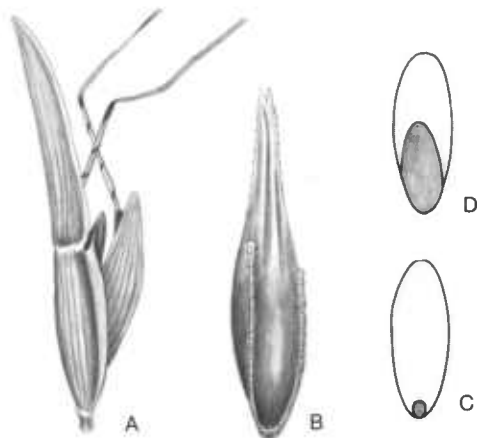
Commelinidae
Poaceae
Andropogoneae



Poaceae
Andropogoneae

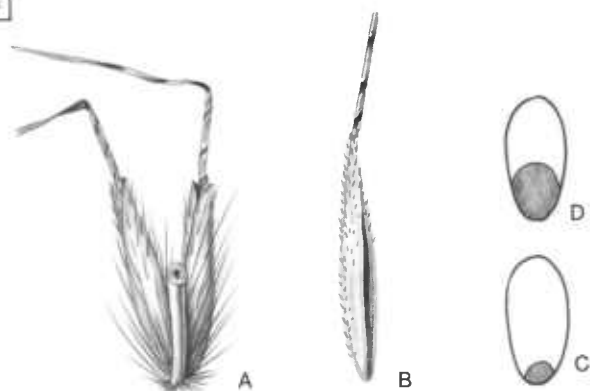
Ischaemum rugosum Salisbury (A-E). A, Spikelet (X 4); B-C, floret in two views (X 6); D-E, caryopsis in two views (X 6).

Ischaemum afrum (J.F. Gmelin) Dandy
Ischaemum aristatum Linnaeus
Ischaemum muticum Linnaeus
Ischaemum timorense Kunth



Poaceae
Andropogoneae

Isseilema vaginiflorum Domin (A-D). A, Spikelet (X 3); B, floret (X 8); C-D, caryopsis in two views (X 8).

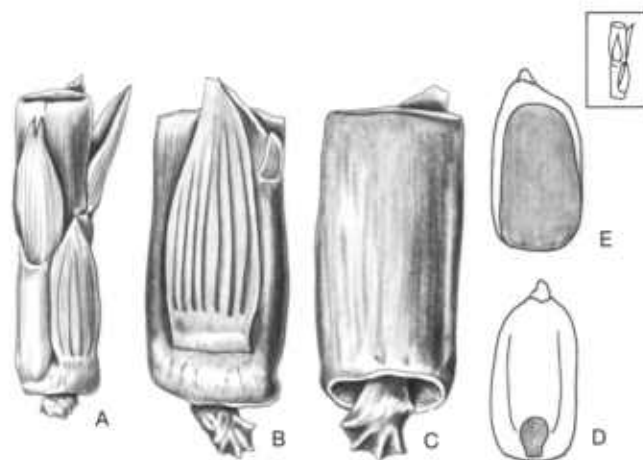


Poaceae
Andropogoneae

Polytrias amaura (Buse) O. Kuntze (A-D). A, Spikelet (X 4); B, floret (X 10); C-D, caryopsis in two views (X 16).

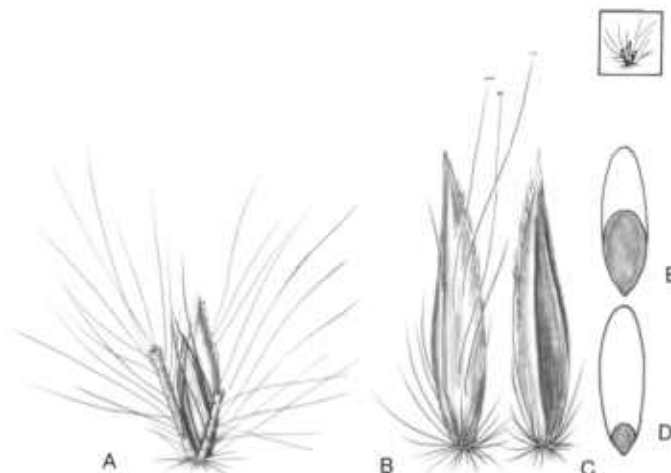
Poaceae
Andropogoneae

Rottboellia exaltata Linneaus (A-E). A, Spikelet (X 4); B-C, floret in two views (X 8); D-E, caryopsis in two views (X 8).



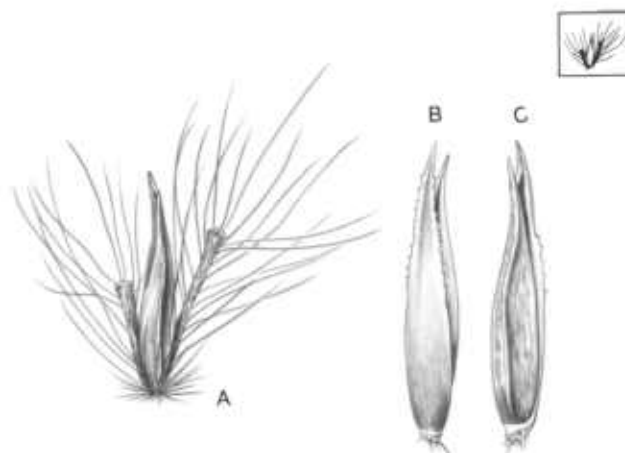
Poaceae
Andropogoneae

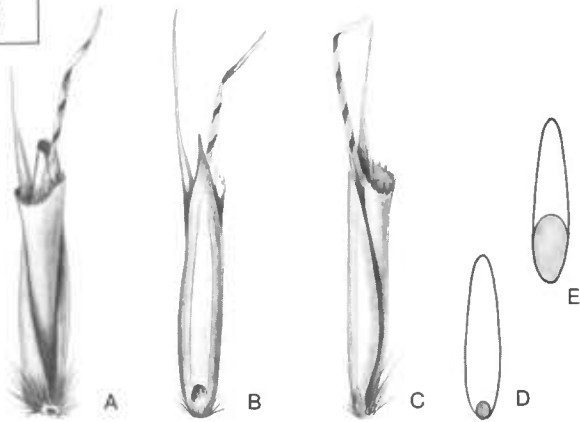
Saccharum benghalense Retzius (A-E). A, Spikelet (X 6); B-C, floret in two views (X 10); D-E, caryopsis in two views (X 10).



Poaceae
Andropogoneae

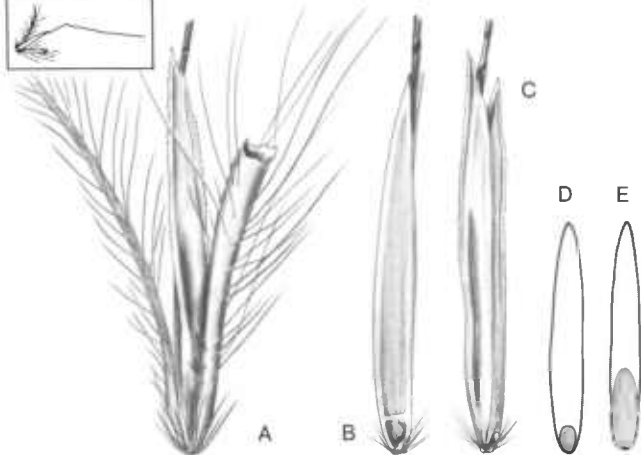
Saccharum spontaneum Linnaeus (A-C). A, Spikelet (X 6); B-C, floret in two views (X 8).





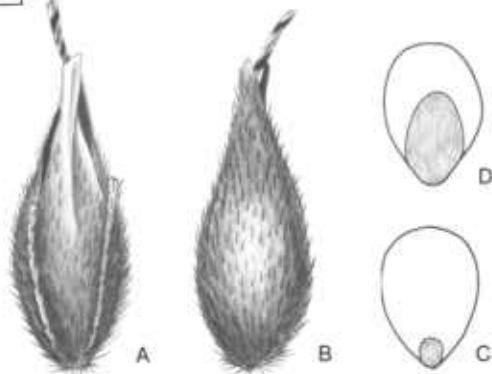
Poaceae
Andropogoneae

Schizachyrium brevifolium (Swartz) Nees ex Buse (A-E) (X 12). A-C, Floret in three views; D-E, caryopsis in two views.



Poaceae
Andropogoneae

Schizachyrium paniculatum (Kunth) Herter (A-E) (X 10). A, Spikelet; B-C, floret in two views; D-E, caryopsis in two views.



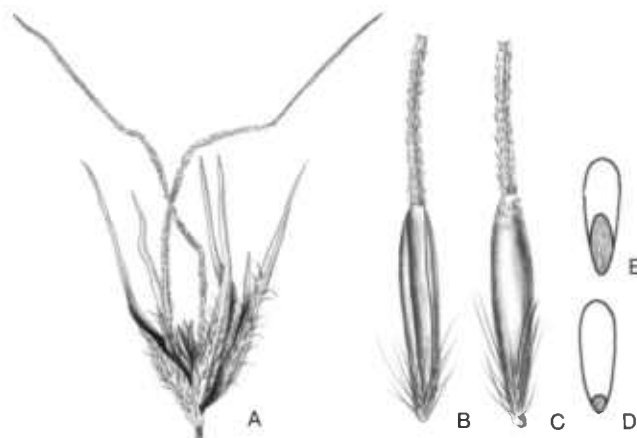
Poaceae
Andropogoneae

Sorghum verticilliflorum (Steudel) Stapf (A-D) (X 6). A-B, Floret in two views; C-D, caryopsis in two views.

Sorghum arundinaceum Roemer & Schultes

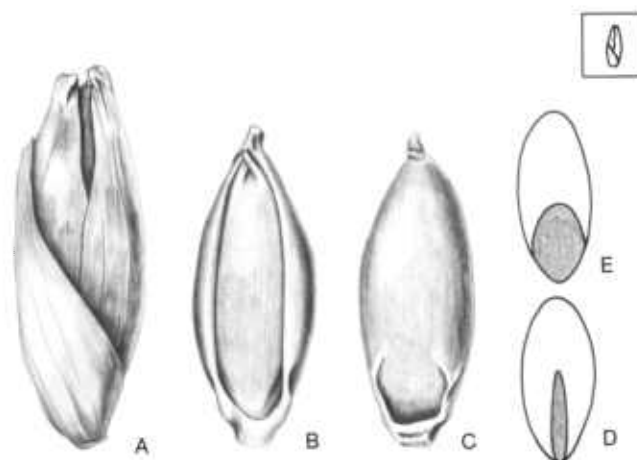
Poaceae
Andropogoneae

Themeda arguens (Linnaeus) Hackel (A-E). A, Spikelet (X 1); B-C, floret in two views (X 4); D-E, caryopsis in two views (X 4).



Poaceae
Paniceae

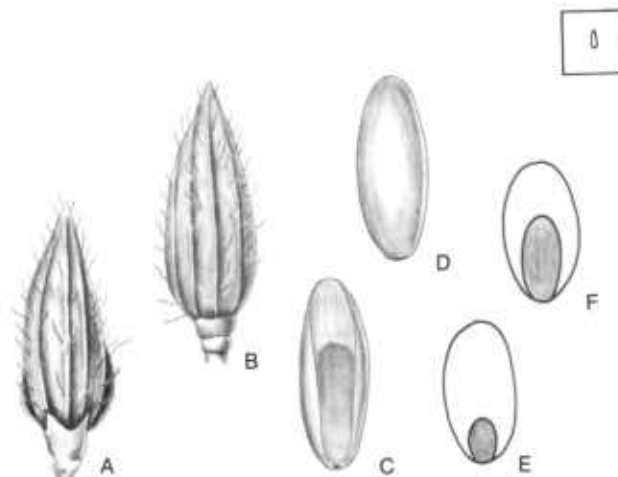
Acroceras zizanioides (Humboldt, Bonpland, Kunth) Dandy (A-E) (X 8). A, Spikelet; B-C, floret in two views; D-E, caryopsis in two views.

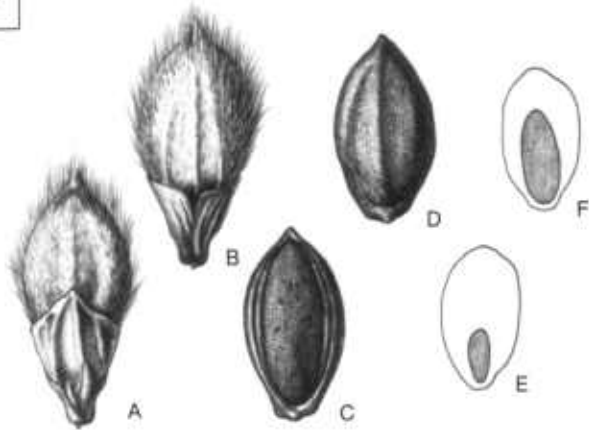


Poaceae
Paniceae

Brachiaria erucaiformis (J.E. Smith) Grisebach (A-F) (X 14). A-B, Spikelet; C-D, floret in two views; E-F, caryopsis in two views.

Brachiaria deflexa (Schumacher) C.E. Hubbard
Brachiaria lata (Schumacher) C.E. Hubbard

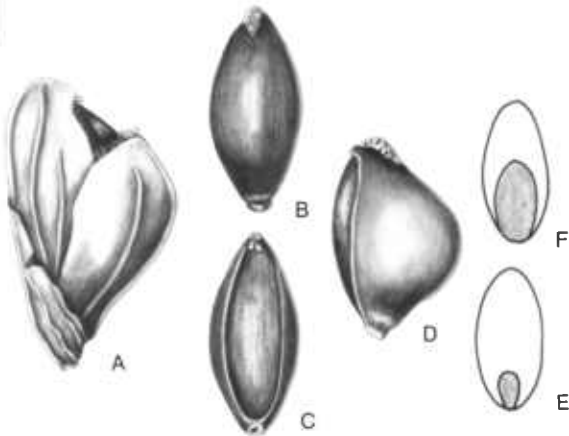




Poaceae
Paniceae

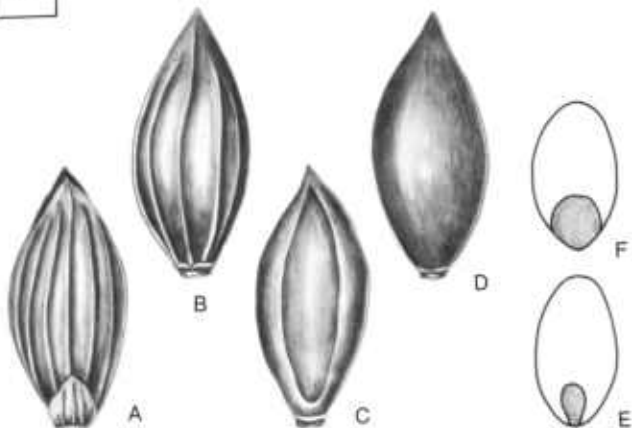
Brachiaria piligera D.K. Hughes (A-F) (X 8). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

Brachiaria milliiformis (Presl) A. Chase
Brachiaria paspaloides (Presl) C.E. Hubbard



Poaceae
Paniceae

Cyrtococcum patens (Linnaeus) A. Camus (A-F). A, Spikelet (X 28); B-D, floret in three views (X 18); E-F, caryopsis in two views (X 18).



Poaceae
Paniceae

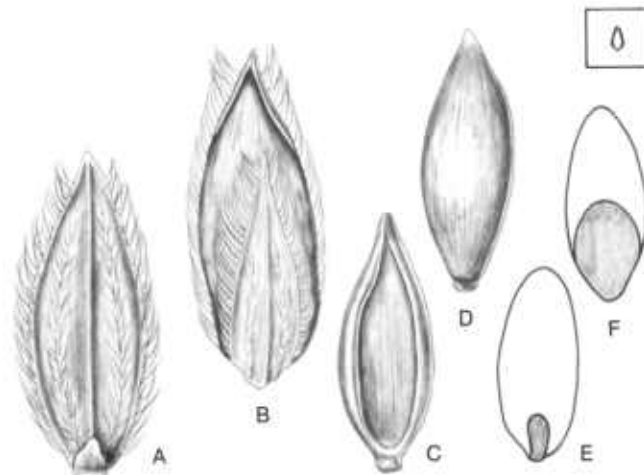
Digitaria fuscescens (Presl) Henrard (A-F) (X 24). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

Digitaria adscendens (Humboldt, Bonpland, Kunth) Henrard
Digitaria debilis (Desfontaines) Willdenow

Poaceae
Paniceae

Digitaria pentzii Stent (A-F). A-B, Spikelet in two views (X 16); C-D, floret in two views (X 14); E-F, caryopsis in two views (X 14).

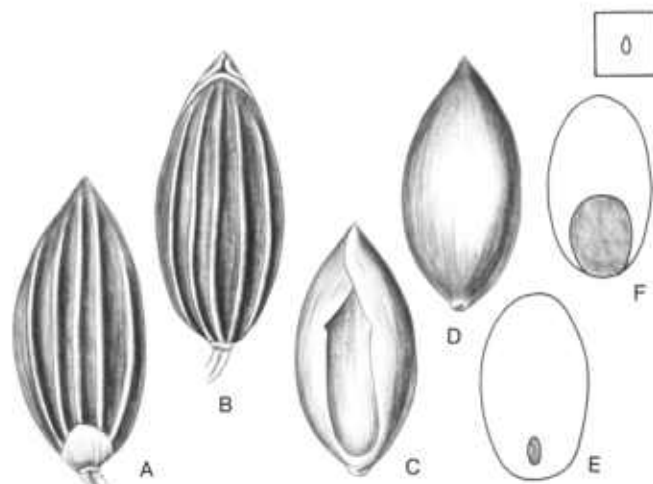
Digitaria longiflora (Retzius) Persoon
Digitaria microbachne (Presl) Henrard



Poaceae
Paniceae

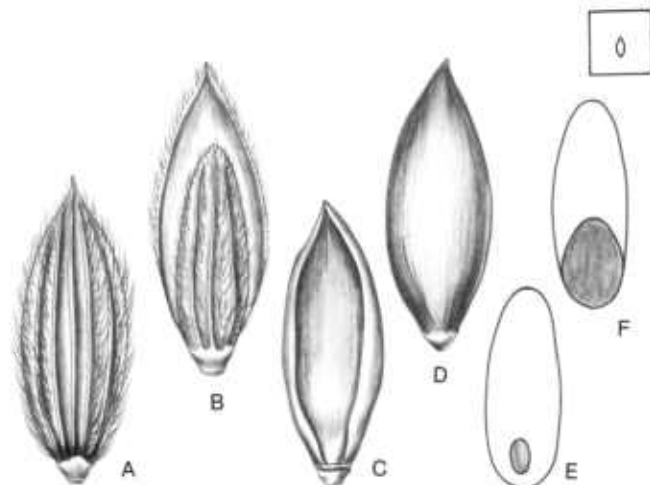
Digitaria scalarum (Schweinfurth) Chiovenda (A-F) (X 20). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

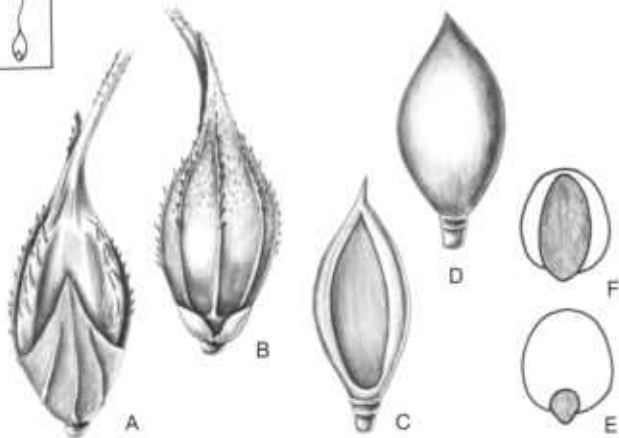
Digitaria ternata (A. Richard) Stapf
Digitaria timorensis (Kunth) Balansa



Poaceae
Paniceae

Digitaria velutina (Forsskal) Palisot de Beauvois (A-F) (X 20). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

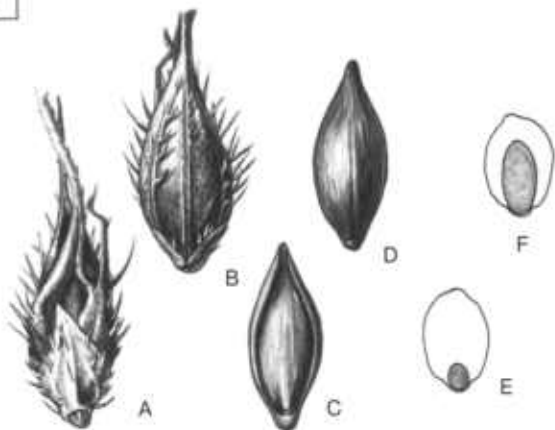




Poaceae
Paniceae

Echinochloa oryzoides (Arduino) Fritsch (A-F) (X 8). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

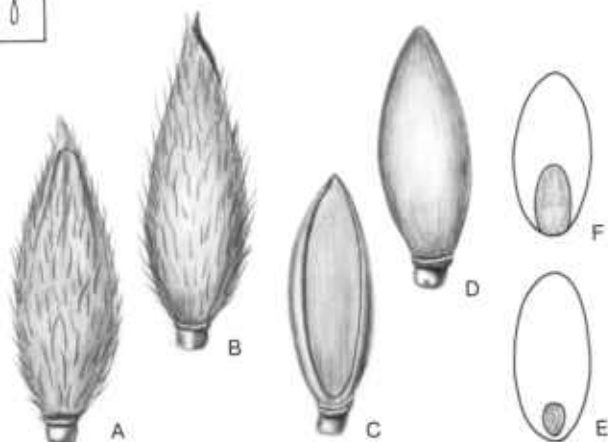
Echinochloa holubii (Stapf) Stapf
Echinochloa phyllopogon (Stapf) Koss



Poaceae
Paniceae

Echinochloa stagnina (Retzius) Palisot de Beauvois (A-F) (X 6). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

Echinochloa pyramidalis (Lamarck)
Hitchcock & A. Chase

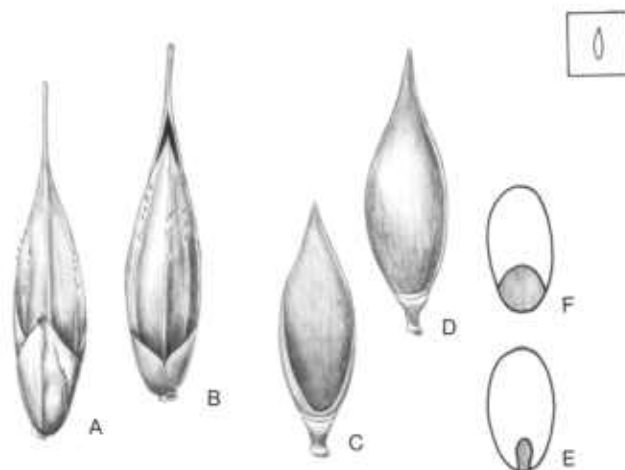


Poaceae
Paniceae

Eriochloa procera (Retzius) C.E. Hubbard (A-F) (X 16). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

Poaceae
Paniceae

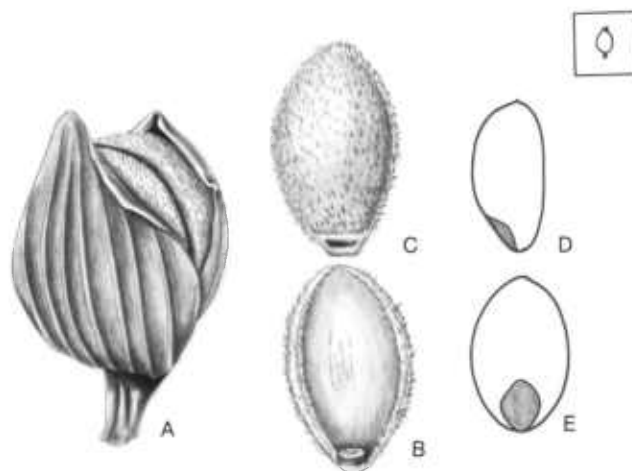
Hymenachne amplexicaulis (Rudge) Nees (A-F) (X 10).
A-B, Spikelet in two views; C-D, floret in two views; E-F,
caryopsis in two views.



Poaceae
Paniceae

Isachne kunthiana (Wight & Arnott) Miquel (A-E). A,
Spikelet (X 16); B-C, floret in two views (X 14); D-E,
caryopsis in two views (X 14).

Isachne globosa (Thunberg) O. Kuntze

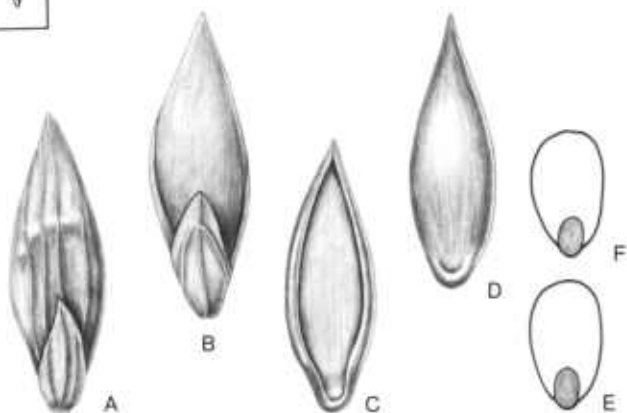


Poaceae
Paniceae

Melinis minutiflora Palisot de Beauvois (A-F) (X 16). A-B,
Spikelet in two views; C-D, floret in two views; E-F,
caryopsis in two views.

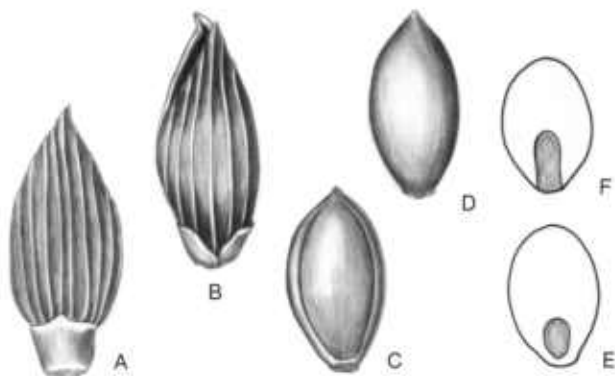


Commelinidae
Poaceae
Paniceae



Poaceae
Paniceae

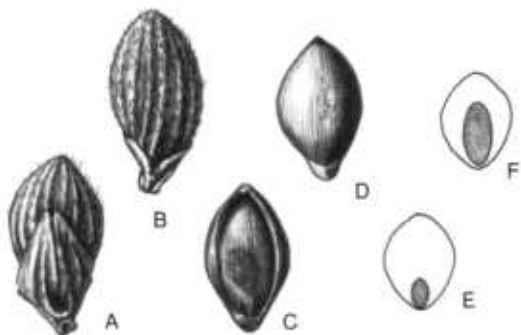
Ottochloa nodosa (Kunth) Dandy (A-F) (X 14). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.



Poaceae
Paniceae

Panicum chloroticum Nees (A-F) (X 18). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

Panicum austroasiaticum Ohwi
Panicum erectum Pollacci (not seen)
Panicum hygrocharis Steudel
Panicum laevifolium Hackel
Panicum laxum Swartz



Poaceae
Paniceae

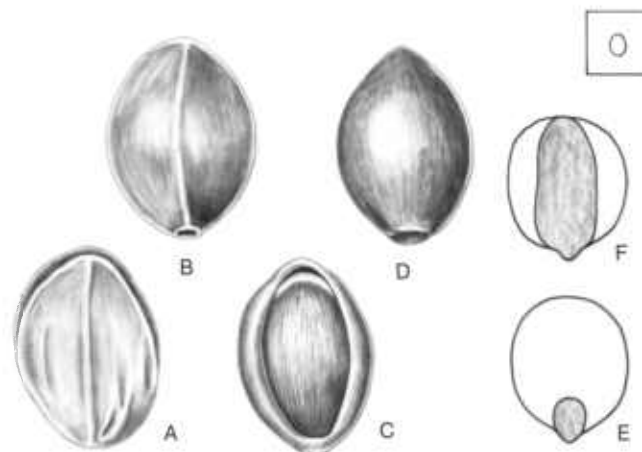
Panicum sabulorum Lamarck (A-F) (X 10). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

Panicum luzonense Presl
Panicum paludosum Roxburgh
Panicum psilopodium Trinius
Panicum spectabile Nees
Panicum trichocladum Hackel ex Schumacher

Poaceae
Paniceae

Paspalum commersonii Lamarck (A-F) (X 10). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

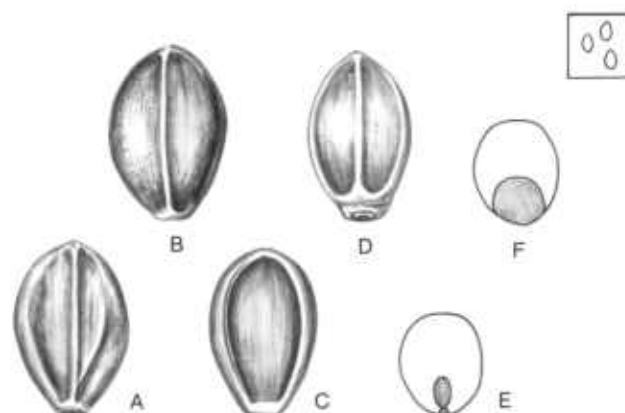
Paspalum fasciculatum Willdenow ex Fluegge
Paspalum maculosum Trinius



Poaceae
Paniceae

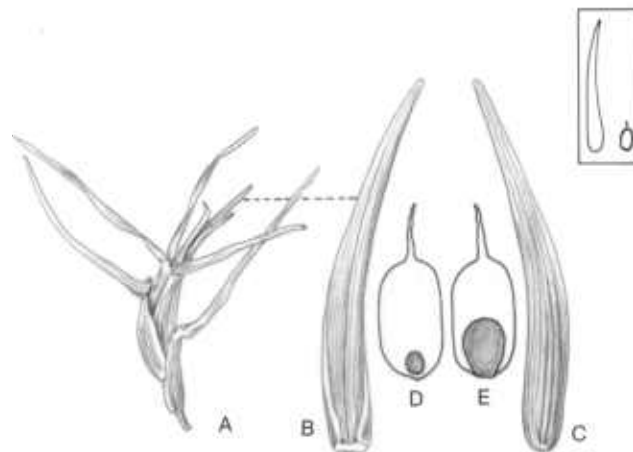
Paspalum scrobiculatum Linnaeus (A-F) (X 10). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

Paspalum paniculatum Linnaeus
Paspalum pumilum Nees

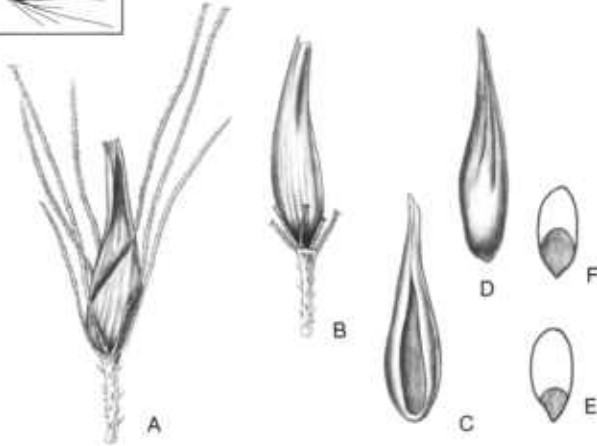


Poaceae
Paniceae

Pennisetum clandestinum Hochstetter (A-E). A, Fruiting culm (X 1.3); B-C, leaf sheath investing floret in two views (X 3); D-E, outline of embryo in caryopsis in two views (X 6).

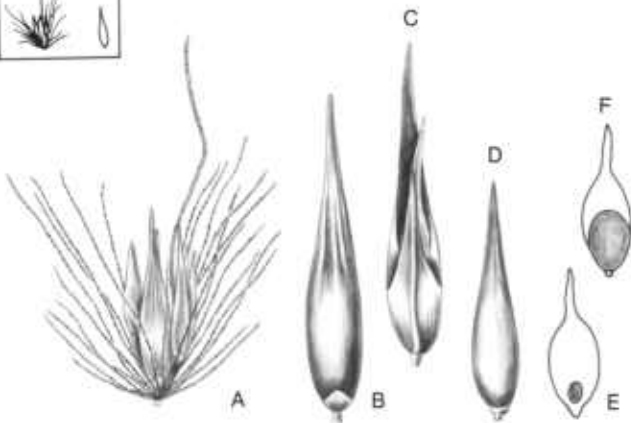


Commelinidae
Poaceae
Paniceae



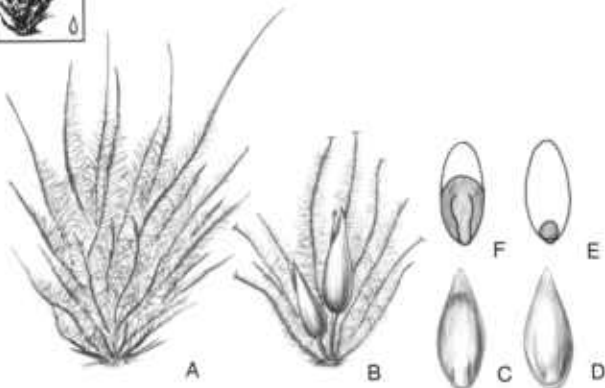
Poaceae
Paniceae

Pennisetum japonicum Trinius (A-F). A-B, Spikelet in two views (X 4); C-D, floret in two views (X 5); E-F, caryopsis in two views (X 5).



Poaceae
Paniceae

Pennisetum macrourum Trinius (A-F). A, Spikelet (X 5); B-D, floret in three views (X 10); E-F, caryopsis in two views (X 12).

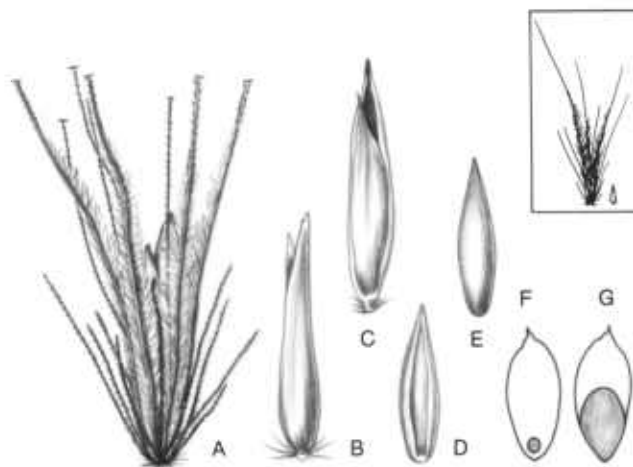


Poaceae
Paniceae

Pennisetum pedicellatum Trinius (A-F). A-B, Spikelet in two views (X 3); C-D, floret in two views (X 6); E-F, caryopsis in two views (X 6).

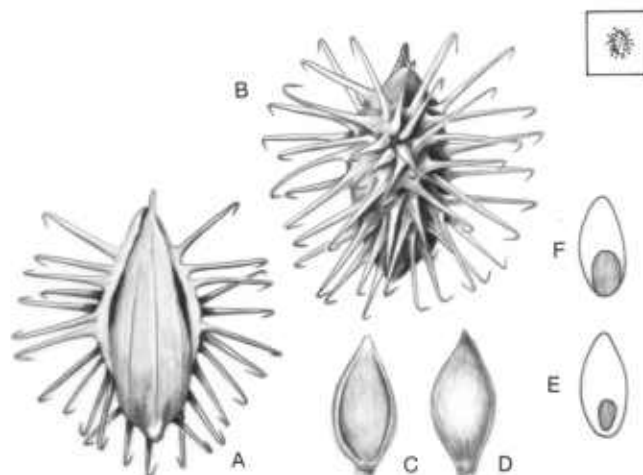
Poaceae
Paniceae

Pennisetum polystachyon (Linnaeus) Schultes (A-G).
A-C, Spikelet in three views (X 8); D-E, floret in two views (X 8); F-G, caryopsis in two views (X 16).



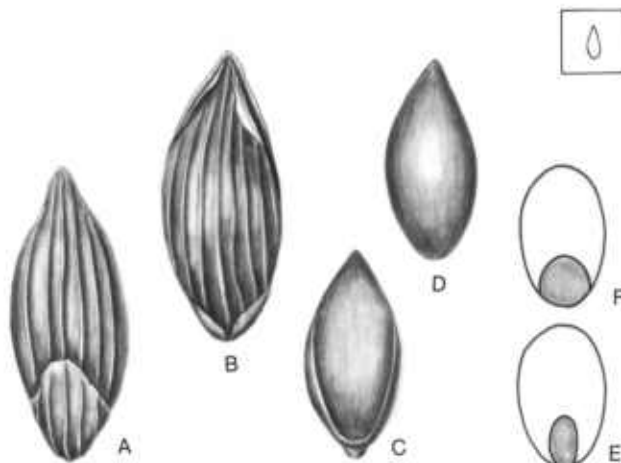
Poaceae
Paniceae

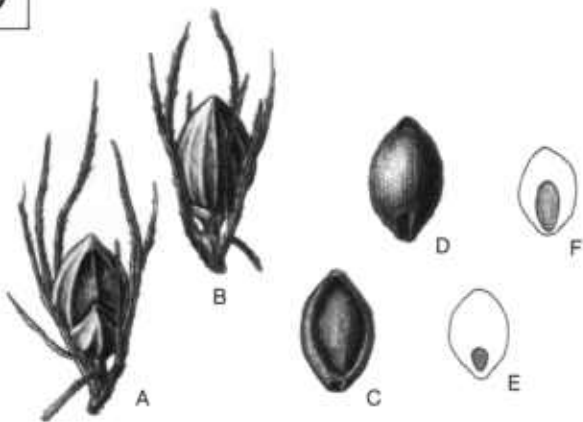
Pseudechinolaena polystachya (Humboldt, Bonpland, Kunth) Stapf (A-F) (X 6). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.



Poaceae
Paniceae

Sacciolepis interrupta (Willdenow) Stapf (A-F) (X 10).
A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

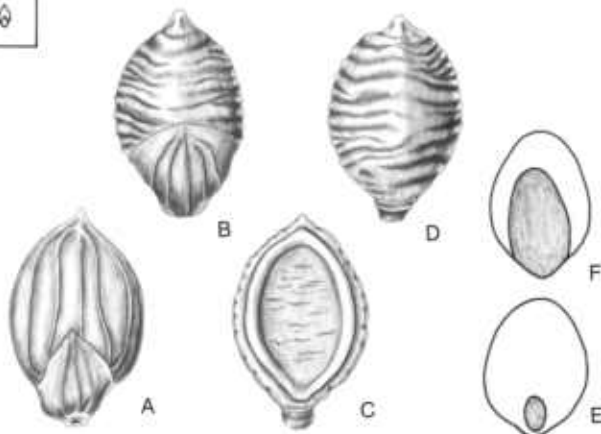




Poaceae
Paniceae

Setaria acromelaena (Hochstetter) Durand & Schinz
(A-F) (X 8). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

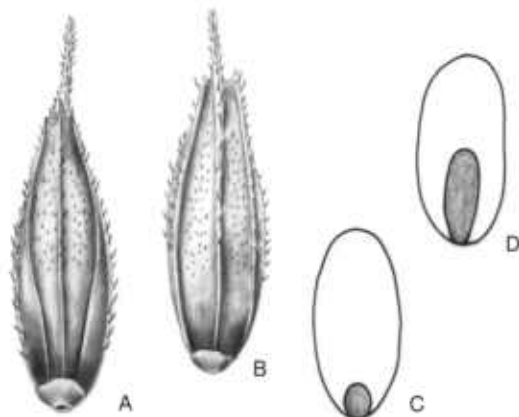
Setaria aequalis Stapf
Setaria barbata (Lamarck) Kunth
Setaria homonyma (Steudel) Chiovenda



Poaceae
Paniceae

Setaria pallide-fusca (Schumacher) Stapf & Hubbard
(A-F) (X 12). A-B, Spikelet in two views; C-D, floret in two views; E-F, caryopsis in two views.

Setaria palmifolia (Willdenow) Stapf
Setaria poiretiana (Schultes) Kunth
Setaria sphacelata (Schumacher) Stapf & C.E. Hubbard

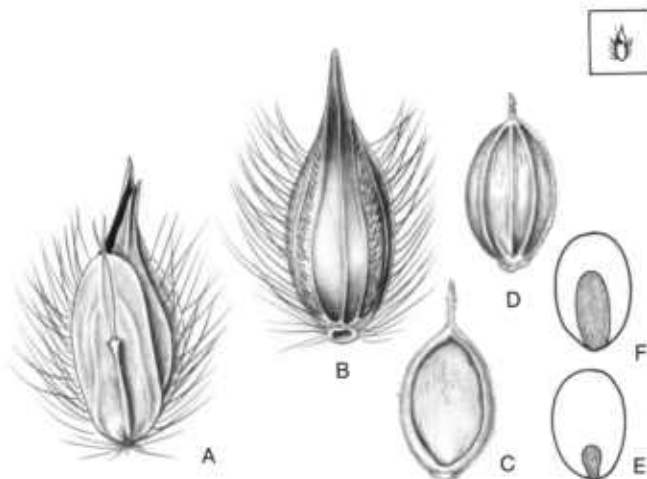


Poaceae
Paniceae

Snowdenia polystachya (Fresenius) Pilger (A-D) (X 16).
A-B, Floret in two views; C-D, caryopsis in two views.

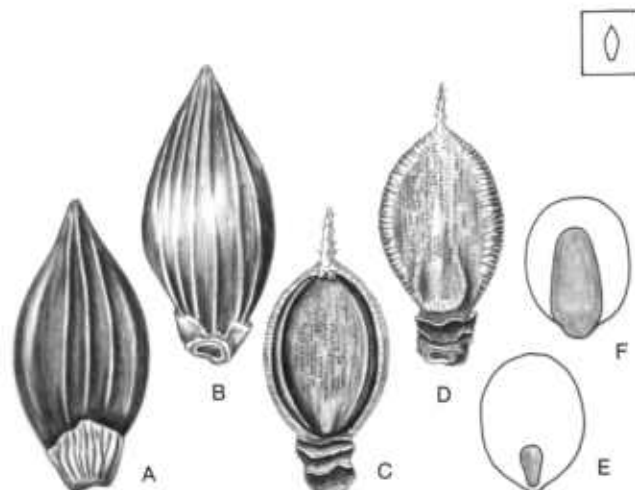
Poaceae
Paniceae

Urochloa mosambicensis (Hackel) Dandy (A-F) (X 8).
A-B, Spikelet in two views; C-D, floret in two views; E-F,
caryopsis in two views.



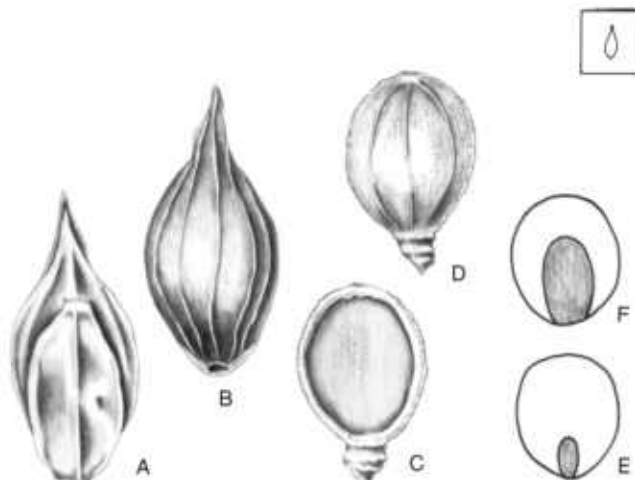
Poaceae
Paniceae

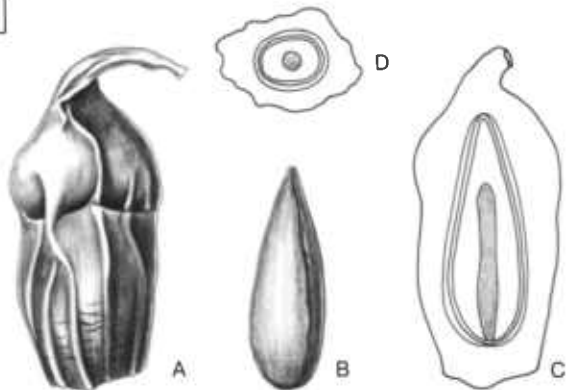
Urochloa panicoides Palisot de Beauvois (A-F) (X 8).
A-B, Spikelet in two views; C-D, floret in two views; E-F,
outline of embryo in caryopsis in two views.



Poaceae
Paniceae

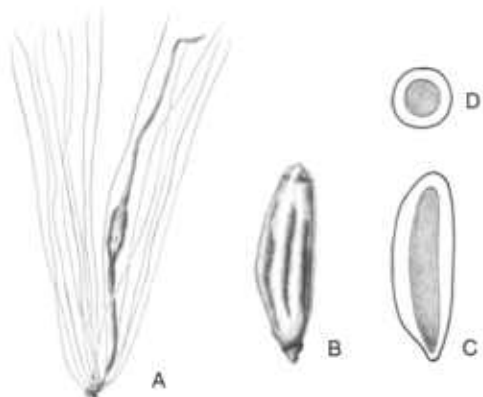
Urochloa pullulans Stapf (A-F) (X 10). A-B, Spikelet in
two views; C-D, floret in two views; E-F, outline of
embryo in caryopsis in two views.





Sparganiaceae

Sparganium erectum Linnaeus (A-D) (X 8). A, Fruit; B, fruit with spongy exterior removed; C, embryo in situ; D, transection of fruit.

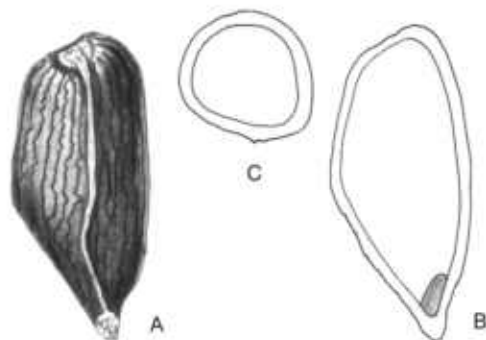


Typhaceae

Typha orientalis Presl (A-D). A, Fruit with persistent floral bristles (X 8); B, seed (X 24); C, embryo in situ (X 24); D, transection of seed (X 24).

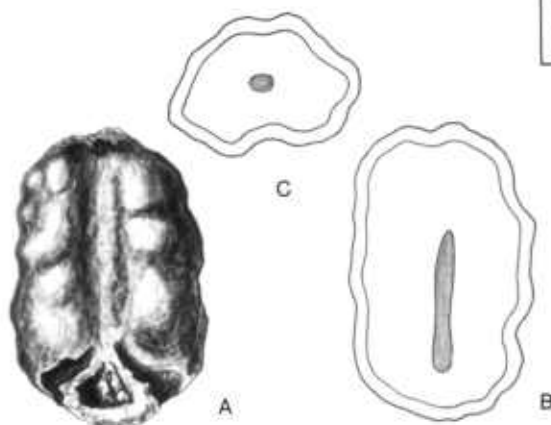
Bromeliaceae

Ananas ananassoides (Baker) L.B. Smith (A-C) (X 8). A, Seed; B, embryo in situ; C, transection of seed.

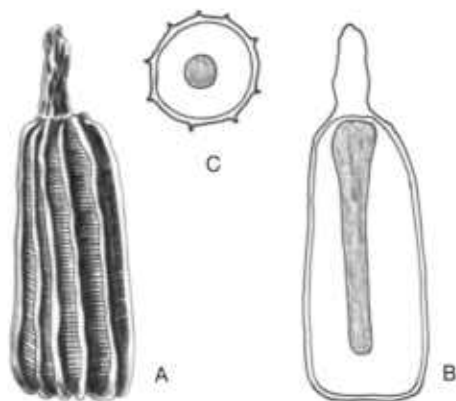


Heliconiaceae

Heliconia psittacorum Linnaeus f. (A-C) (X 5). A, Seed; B, embryo in situ; C, transection of seed.



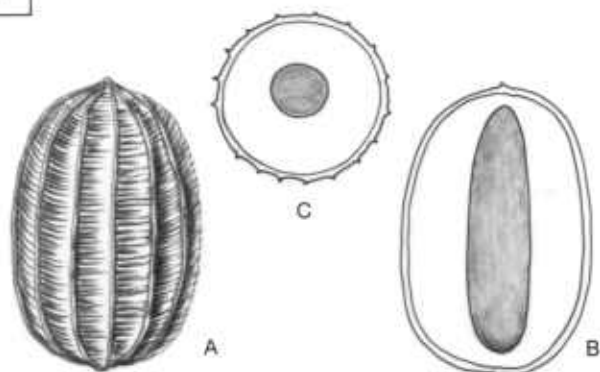
Liliidae
Pontederiaceae



Pontederiaceae

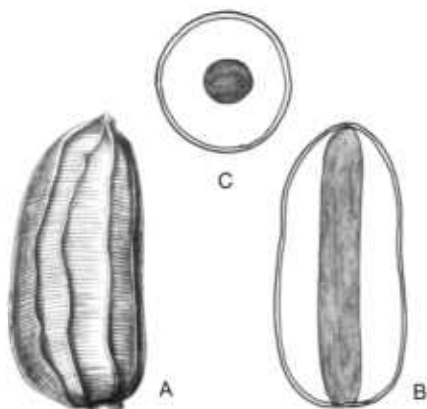
Eichhornia azurea (Swartz) Kunth (A-C) (X 20). A, Seed; B, embryo in situ; C, transection of seed.

Eichhornia natans Solms (not seen)



Pontederiaceae

Monochoria hastata (Linnaeus) Solms (A-C) (X 64). A, Seed; B, embryo in situ; C, transection of seed.



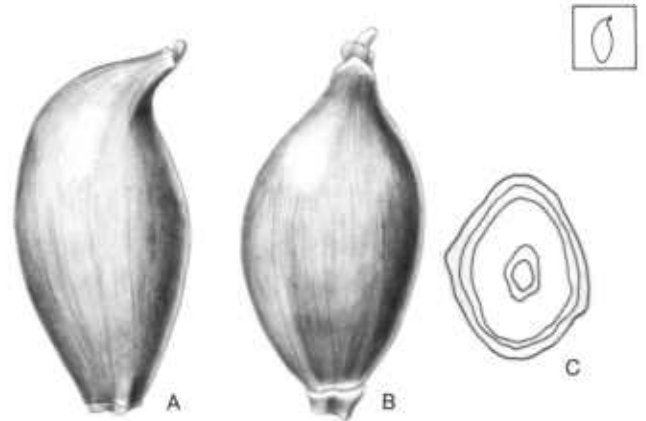
Pontederiaceae

Monochoria vaginalis (N.L. Burman) Presl (A-C) (X 32). A, Seed; B, embryo in situ; C, transection of seed.

Liliaceae

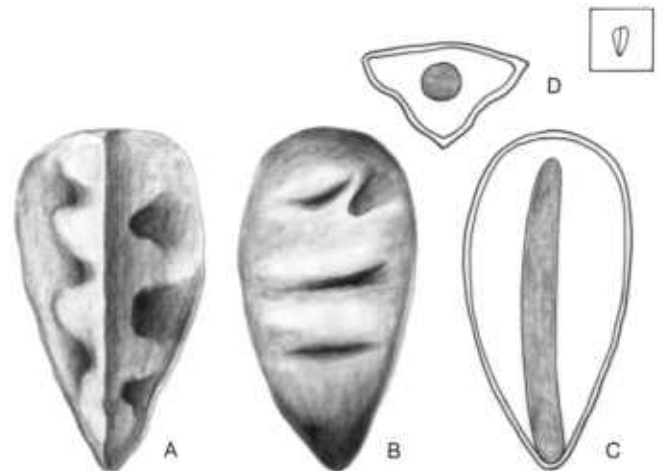
Allium macrostemon Bunge (A-C) (X 8). A-B, Vegetative bulbet in two views; C, transection of bulbet.

Allium nodiflora (Linnaeus) R. Brown ex Wight (not seen)



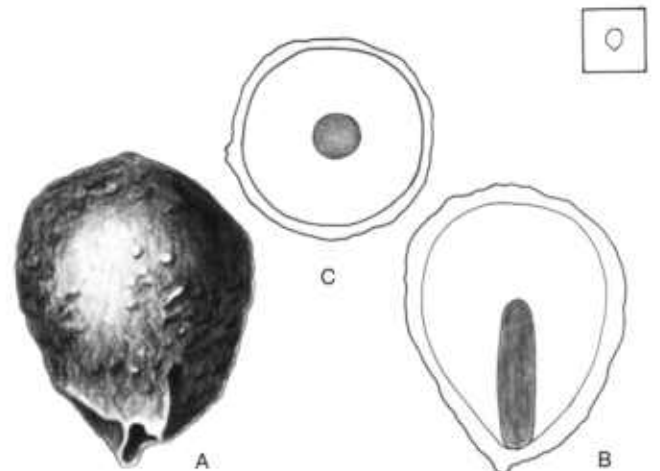
Liliaceae

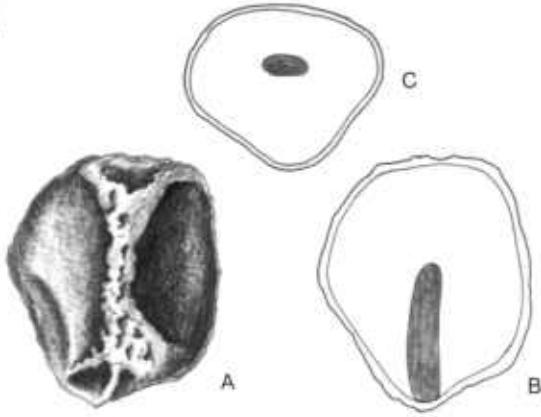
Asphodelus fistulosus Linnaeus (A-D) (X 14). A-B, Seed in two views; C, embryo in situ; D, transection of seed.



Liliaceae

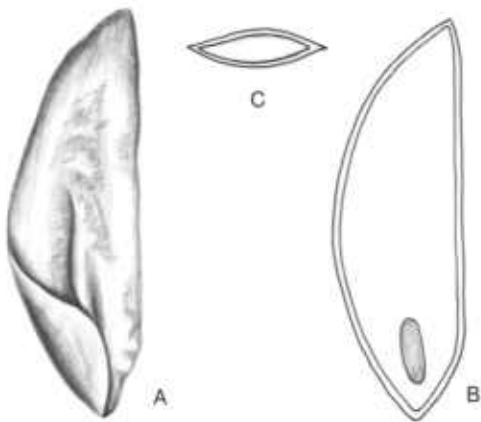
Muscari comosum (Linnaeus) Miller (A-C) (X 14). A, Seed; B, embryo in situ; C, transection of seed.





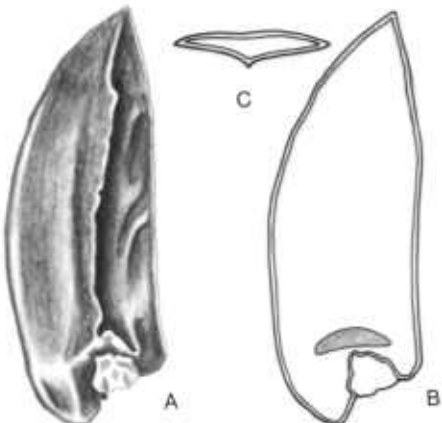
Liliaceae

Ornithogalum pyrenaicum Linnaeus (A-C) (X 12). A, Seed; B, embryo in situ; C, transection of seed.



Liliaceae

Veratrum lobelianum Bernhardt (A-C) (X 5). A, Seed; B, embryo in situ; C, transection of seed.



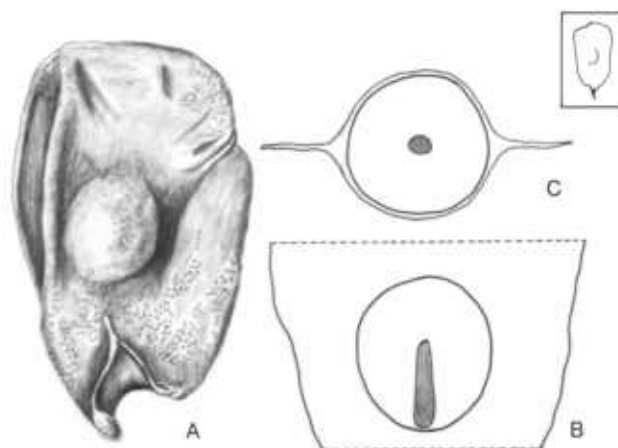
Liliaceae

Xanthorrhoea preissii Endlicher (A-C) (X 4). A, Seed; B, embryo in situ; C, transection of seed.

Iridaceae

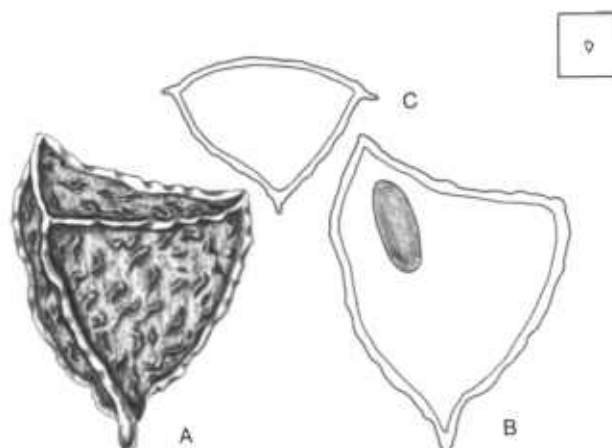
Gladiolus byzantinus Miller (A-C). A, Seed (X 6); B, embryo in situ (X 8); C, transection of seed (X 8).

Gladiolus segetum Ker-Gawler



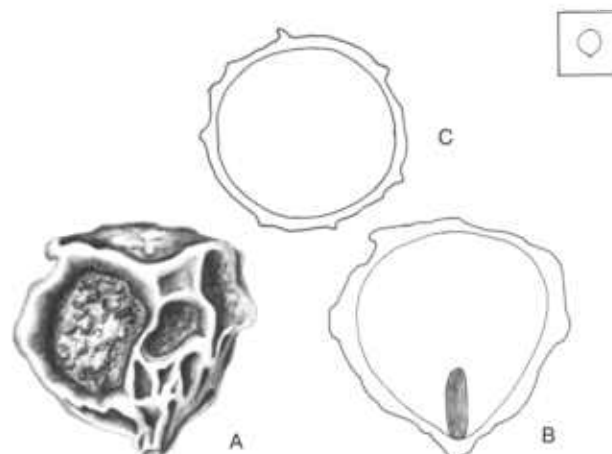
Iridaceae

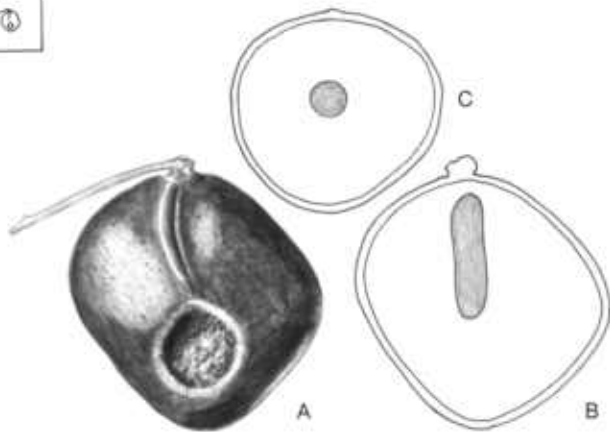
Homeria miniata Sweet (A-C) (X 32). A, Seed; B, embryo in situ; C, transection of seed.



Iridaceae

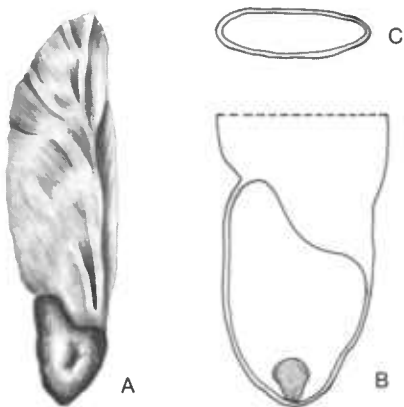
Iris foetidissima Linnaeus (A-C) (X 6). A, Seed; B, embryo in situ; C, transection of seed.





Iridaceae

Romulea rosea (Linnaeus) Ecklon (A-C) (X 16). A, Seed; B, embryo in situ; C, transection of seed.



Dioscoreaceae

Dioscorea bulbifera Linnaeus (A-C). A, Seed (X 3); B, embryo in situ (X 8); C, transection of seed (X 8).

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Appendix I: Studied Species Listed by Families

Acanthaceae

Acanthus montanus T. Anderson
Asystasia schimperi T. Anderson
Blechum pyramidatum (Lamarck) Urban
Blepharis maderaspatensis (Linnaeus) Roth
Brillantaisia lamium Benth
Brillantaisia nitens Lindau
Elytraria crenata Vahl
Hygrophila angustifolia R. Brown
Hygrophila difformis (Linnaeus f.) Blume
Hygrophila phlomoides Nees
Hygrophila pobeguini Benoist
Hygrophila polysperma T. Anderson
Hygrophila spinosa T. Anderson
Justicia flava Kurz
Justicia insularis T. Anderson
Justicia simplex D. Don
Ruellia tuberosa Linnaeus
Rungia repens Nees
Thunbergia annua Hochstetter ex Nees
Thunbergia fragrans Roxburgh

Aizoaceae

Glinus oppositifolius (Linnaeus) A. de Candolle
Mollugo nudicaulis Lamarck
Mollugo pentaphylla Linnaeus
Trianthema australis Melville
Trianthema monogyna Linnaeus
Trianthema pentandra Linnaeus

Alismataceae

Alisma lanceolatum Withering
Damasonium australe Salisbury
Sagittaria aginashi Makino
Sagittaria chilensis Chamisso & Schlechter
Sagittaria pygmaea Miquel
Sagittaria sagittifolia Linnaeus
Sagittaria trifolia Linnaeus

Amaranthaceae

Alternanthera nodiflora R. Brown
Alternanthera sessilis (Linnaeus) de Candolle
Amaranthus quitensis Kunth
Amaranthus thunbergii Moquin-Tandon
Celosia trigyna Linnaeus
Cyathula cylindrica Moquin-Tandon
Cyathula prostrata (Linnaeus) Blume
Digera arvensis Forsskal
Digera muricata (Linnaeus) Martius
Gomphrena celosioides Martius
Pupalia lappacea (Linnaeus) Jussieu

Annonaceae	<i>Annona senegalensis</i> Persoon
Apiaceae	<i>Cicuta mackenzieana</i> Raup <i>Eryngium campestre</i> Linnaeus <i>Eryngium sanguisorba</i> Chamisso & Schlechter <i>Heracleum mantegazzianum</i> Sommier & Levier <i>Oenanthe javanica</i> (Blume) de Candolle <i>Ridolfia segetum</i> (Linnaeus) Moris <i>Tordylium aegyptiacum</i> (Linnaeus) Lamarck
Apocynaceae	<i>Alstonia constricta</i> F. v. Mueller <i>Lochnera pusilla</i> K. Schumacher
Aponogetonaceae	<i>Aponogeton natans</i> (Linnaeus) Engler & Krause
Araceae	<i>Arum italicum</i> Miller <i>Pinellia ternata</i> (Thunberg) Breitenbach
Arecaceae	<i>Copernicia australis</i> Beccari <i>Sabal mexicanum</i> Martius
Aristolochiaceae	<i>Aristolochia bracteata</i> Retzius <i>Aristolochia maurorum</i> Linnaeus
Asclepiadaceae	<i>Asclepias physocarpa</i> (E. Meyer) Schlechter
Asteraceae	<i>Acanthostyles buniifolius</i> (Hooker & Arnott) R.M. King & H. Robinson <i>Ageratina adenophora</i> (Sprengel) R.M. King & H. Robinson <i>Ageratina riparia</i> (Regel) R.M. King & H. Robinson <i>Aldama dentata</i> (Bentham & Hooker) La Llave & Lexerza <i>Anthemis mixta</i> Linnaeus <i>Artemisia princeps</i> Pampanini <i>Aspilia africana</i> (Persoon) Adams <i>Aspilia montevidensis</i> (Sprengel) O. Kuntze <i>Austroeupatorium inulaefolium</i> (Humboldt, Bonpland, Kunth) R.M. King & H. Robinson <i>Baccharis cordifolia</i> de Candolle <i>Baltimora recta</i> Linnaeus <i>Calendula arvensis</i> Linnaeus <i>Carduus carpetanus</i> Boissier <i>Carthamus flavescens</i> Willdenow <i>Carthamus lanatus</i> Linnaeus <i>Carthamus oxyacantha</i> Bieberstein <i>Cassinia arcuata</i> R. Brown <i>Cassinia leptophylla</i> (G. Forster) R. Brown <i>Centaurea acaulis</i> Linnaeus <i>Centaurea depressa</i> Bieberstein

Centipeda minima (Linnaeus) A. Braun & Ascherson
Cichorium pumilum Jacquin
Cineraria lyrata de Candolle
Cirsium acarna (Linnaeus) Moench
Cirsium syriacum (Linnaeus) Gaertner
Coleostephus myconis (Linnaeus) Reichenbach
Cotula abyssinica (Schultes-Biponius) A. Richard
Cotula anthemoides Linnaeus
Crassocephalum crepidioides (Bentham) S. Moore
Crepis bulbosa Tausch
Crepis vesicaria Linnaeus subsp. *haenseleri* (Boissier ex de Candolle) P.D. Sell
Crupina vulgaris Cassini
Cryptostemma calendula (Linnaeus) Druce
Dichrocephala bicolor (Roth) Schlechter
Egletes prostrata O. Kuntze
Elephantopus scaber Linnaeus
Elytropappus rhinocerotis Lessing
Emilia fosbergii Nicolson
Emilia sonchifolia (Linnaeus) de Candolle ex Wight
Enhydra sessilis de Candolle
Erechtites valerianaefolia de Candolle
Erigeron floribundus (Humboldt, Bonpland, Kunth) Schultes-Biponius
Erlangea laxa S. Moore
Eupatorium acalyphoides Hochstetter ex Boissier
Eupatorium japonicum Thunberg
Eupatorium liatrideum de Candolle
Eupatorium macrocephalum Lessing
Eupatorium pallescens de Candolle
Gnaphalium indicum Linnaeus
Guizotia villosa Schultes-Biponius ex A. Richard
Inula graveolens Desfontaines
Inula indica Linnaeus
Lactuca capensis Thunberg
Lactuca taraxacifolia Schumacher & Thonning
Lapsana apogonoides Maximowicz
Launaea asplenifolia J.D. Hooker
Melampodium arvense Robinson
Melampodium divaricatum de Candolle
Melanthera scandens (Schumacher & Thonning) Brenan
Mikania congesta de Candolle
Mikania cordata (N.L. Burman) B.L. Robinson
Mikania micrantha Humboldt, Bonpland, Kunth
Onopordum acaulon Linnaeus
Onopordum illyricum Linnaeus
Perymenium subsquarrosum Robinson & Greenman
Pluchea indica (Linnaeus) Lessing
Pluchea lanceolata Oliver & Hiern

Pluchea sagittalis (Lamarck) Cabrera
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker
Pterocaulon rugosum (Vahl) Malme
Pulicaria crispa Schultes-Biponius
Saussurea lyrata (Blume) Franchet
Schkuhria pinnata (Lamarck) O. Kuntze
Scolymus hispanicus Linnaeus
Scolymus maculatus Linnaeus
Senecio bipinnatisectus (F. v. Mueller) Belcher
Senecio burchellii de Candolle
Senecio glomeratus Desfontaines ex Poiret
Senecio leucanthemifolius Poiret
Senecio minimus Poiret
Senecio moorei R.E. Fries
Senecio oligophyllus Baker
Senecio oxyriaefolius de Candolle
Siegesbeckia orientalis Linnaeus
Simsia amplexicaulis (Cavanilles) Persoon
Solidago chilensis Meyen
Solidago microglossa de Candolle
Sonchus cornutus Hochstetter ex Steudel
Sonchus exauriculatus (Oliver & Hiern) O. Hoffmann
Sphaeranthus africanus Linnaeus
Sphaeranthus bullatus Mattfeld
Synedrella nodiflora (Linnaeus) Gaertner
Tarchonanthus camphoratus Linnaeus
Tridax procumbens Linnaeus
Verbesina persicifolia de Candolle
Vernonia cinerea (Linnaeus) Lessing
Vernonia polyanthes Lessing
Wedelia glauca Hoffmann
Wedelia trilobata (Linnaeus) Hitchcock

Basellaceae

Anredera cordifolia (Tenore) Steenis
Boussingaultia gracilis Miers

Berberidaceae

Bongardia chrysogonum (Linnaeus) Boissier
Leontice leontopetalum Linnaeus

Bignoniaceae

Macfadyena unguis-cati (Linnaeus) Gentry
Pseudocalymna alliaceum (Lamarck) Sandwith

Boraginaceae

Amsinckia calycina (Moris) Chater
Bothriospermum tenellum (Hornemann) Fischer & Meyer
Cordia boissieri A. de Candolle
Cordia curassavica Roemer & Schultes
Cynoglossum coeruleum Hochstetter ex de Candolle

Echium plantagineum Linnaeus
Heliotropium bovei Boissier
Heliotropium ellipticum Ledebour
Heliotropium sudanicum F.W. Andrews
Trichodesma zeylanicum R. Brown

Brassicaceae

Biscutella didyma Linnaeus
Diploaxis eruroides (Linnaeus) de Candolle
Erucaria aleppica Gaertner
Farsetia stenoptera Hochstetter
Hirschfeldia incana (Lowe) Lagreze-Fossat
Ionodra auriculata (Linnaeus) Schulz
Lepidium bipinnatifidum Desvaux
Lepidium chalepense Linnaeus
Lepidium schinzii Thellung
Rorippa indica (Linnaeus) Hiern

Bromeliaceae

Ananas ananassoides (Baker) L.B. Smith

Butomaceae

Limnocharis flava (Linnaeus) J. Buchanan

Cactaceae

Eriocereus martinii (Labourei) Riccobono
Opuntia aurantiaca Lindley
Opuntia megacantha Salm-Dyck

Campanulaceae

Lobelia chinensis Loureiro
Lobelia cliffortiana Linnaeus

Capparaceae

Cleome burmannii Wight & Arnott
Cleome monophylla Linnaeus
Cleome rutidosperma de Candolle
Cleome viscosa Linnaeus

Caryophyllaceae

Cerastium indicum Wight & Arnott
Drymaria arenarioides Bonpland ex Roemer & Schultes
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
Polycarpon indicum (Retzius) Merrill
Sagina japonica (Swartz) Ohwi
Silene rubella Linnaeus

Chenopodiaceae

Bassia birchii F. v. Mueller
Chenopodium fasciculosum Aellen
Chenopodium ficifolium Smith
Chenopodium hircinum Schrader
Chenopodium paniculatum Hooker
Salsola vermiculata Linnaeus

Clusiaceae	<i>Hypericum androsaemum</i> Linnaeus <i>Hypericum crispum</i> Linnaeus
Combretaceae	<i>Combretum apiculatum</i> Sonder <i>Combretum hereroense</i> Schinz <i>Terminalia oblongata</i> F. v. Mueller
Commelinaceae	<i>Commelina africana</i> Linnaeus <i>Commelina benghalensis</i> Linnaeus <i>Commelina kotschy</i> Hasskarl <i>Commelina latifolia</i> Hochstetter ex A. Richard <i>Commelina salicifolia</i> Roxburgh <i>Commelina subulata</i> Roth <i>Cyanotis axillaris</i> (Linnaeus) D. Don <i>Cyanotis papilionaceae</i> J.H. Schultes <i>Cyanotis villosa</i> J.H. Schultes <i>Murdannia japonica</i> (Thunberg) Faden <i>Murdannia keisak</i> (Hasskarl) Handel-Mazzetti <i>Tradescantia crassifolia</i> Cavanilles
Convolvulaceae	<i>Calystegia japonica</i> Choisy <i>Convolvulus tricolor</i> Linnaeus <i>Ipomoea aquatica</i> Forsskal <i>Ipomoea cordofana</i> Choisy <i>Ipomoea hardwickii</i> Hemsley <i>Ipomoea littoralis</i> Blume <i>Ipomoea muelleri</i> Benthham <i>Ipomoea pes-tigridis</i> Linnaeus <i>Ipomoea plebeia</i> R. Brown <i>Ipomoea sinensis</i> (Desrousseaux) Choisy <i>Ipomoea tiliacea</i> (Willdenow) Choisy <i>Ipomoea trifida</i> (Humboldt, Bonpland, Kunth) G. Don <i>Ipomoea triloba</i> Linnaeus <i>Merremia aegyptia</i> (Linnaeus) Urban <i>Merremia emarginata</i> (N.L. Burman) H. Hallier <i>Merremia quinquefolia</i> (Linnaeus) H. Hallier <i>Operculina turpethum</i> (Linnaeus) Manso
Cucurbitaceae	<i>Cucumis metuliferus</i> E. Meyer ex Schrader <i>Cucumis myriocarpus</i> Naudin <i>Ecballium elaterium</i> (Linnaeus) A. Richard <i>Luffa aegyptiaca</i> Miller <i>Momordica tuberosa</i> (Roxburgh) Cogniaux
Cuscutaceae	<i>Cuscuta australis</i> R. Brown <i>Cuscuta monogyna</i> Vahl

Cyperaceae

Bulbostylis puberula (Poiret) C.B. Clarke
Carex myosurus Nees
Courtoisia cyperoides Nees
Cyperus amabilis Vahl
Cyperus bulbosus Vahl
Cyperus corymbosus Rottboell
Cyperus diffusus Vahl
Cyperus distans Linnaeus f.
Cyperus exaltatus Retzius
Cyperus flavidus Retzius
Cyperus hakonensis Franchet & Savatier
Cyperus imbricatus Retzius
Cyperus javanicus Houttuyn
Cyperus kyllingia Endlicher
Cyperus laetus J. & C. Presl
Cyperus lanceolatus Poiret
Cyperus longus Linnaeus
Cyperus luzulae Rottboell ex Willdenow
Cyperus maritimus Poiret
Cyperus microiria Steudel
Cyperus monti Linnaeus
Cyperus mundtii Kunth
Cyperus novae-hollandiae Boeckeler
Cyperus pilosus Vahl
Cyperus reduncus Hochstetter ex Boeckeler
Cyperus retzii Nees
Cyperus rigidifolius Steudel
Cyperus sanguinolentus Vahl
Cyperus tegetum Roxburgh
Cyperus tenuiculmis Boeckeler
Cyperus tenuispica Steudel
Cyperus tremulus Poiret
Cyperus zollingeri Steudel
Eleocharis afflata Steudel
Eleocharis chaetaria Roemer & Schultes
Eleocharis dulcis (N.L. Burman) Henschel
Eleocharis erecta Schumacher
Eleocharis kuroguwai Ohwi
Eleocharis mutata R. Brown
Eleocharis nodulosa Schultes
Eleocharis ochreate Nees
Eleocharis tuberosa Schultes
Fimbristylis acuminata Vahl
Fimbristylis aestivalis (Retzius) Vahl
Fimbristylis complanata (Retzius) Link
Fimbristylis cymosa R. Brown
Fimbristylis ferruginea (Linnaeus) Vahl

Fimbristylis globulosa (Retzius) Kunth
Fimbristylis quinquangularis (Vahl) Kunth
Fimbristylis tetragona R. Brown
Fuirena glomerata Lamarck
Fuirena umbellata Rottboell
Kyllinga polyphylla Thouars ex Link
Mariscus rufus Humboldt, Bonpland, Kunth
Mariscus umbellatus Vahl
Mariscus ustulatus C.B. Clarke
Rhynchospora tenuis Link
Scirpus articulatus Linnaeus
Scirpus erectus Poiret
Scirpus grossus Linnaeus f.
Scirpus juncooides Roxburgh var. *hotarui* (Ohwi) Ohwi
Scirpus juncooides Roxburgh var. *juncooides*
Scirpus lateriflorus J.F. Gmelin
Scirpus mucronatus Linnaeus
Scirpus praelongatus Poiret
Scirpus supinus Linnaeus
Scirpus wallichii Nees
Scleria barteri Boeckeler
Scleria melaleuca Reichenbach ex Schlechter & Chamisso
Scleria poaeformis Retzius
Scleria sumatrensis Retzius

Dichapetalaceae *Dichapetalum cymosum* (Hooker) Englemann

Dioscoreaceae *Dioscorea bulbifera* Linnaeus

Dipsacaceae *Cephalaria syriaca* (Linnaeus) Schrader

Ebenaceae *Euclea divinorum* Hiern
 Royena sericea Bernhardt

Elatinaceae *Bergia capensis* Linnaeus

Eriocaulaceae *Eriocaulon cinereum* R. Brown
 Eriocaulon luzulaefolium Martius
 Eriocaulon quinquangulare Linnaeus
 Eriocaulon truncatum Buchanan-Hamilton ex Martius

Erythroxylaceae *Erythroxylon coca* Lamarck

Euphorbiaceae *Acalypha alopecuroides* Jacquin
 Acalypha australis Linnaeus
 Acalypha ciliata Forsskal
 Acalypha fallax Mueller-Aargau

Acalypha indica Linnaeus
Acalypha segetalis Mueller-Aargau
Alchornea cordifolia (Schumacher & Thonning) Mueller-Aargau
Chrozophora plicata (Vahl) A. Jussieu
Chrozophora tinctoria (Linnaeus) A. Jussieu
Croton hirtus L'Heritier
Croton lobatus Linnaeus
Euphorbia aegyptiaca Boissier
Euphorbia allepica Linnaeus
Euphorbia dracunculoides Lamarck
Euphorbia fulgens Karwinsky ex Klotzsch
Euphorbia gaillardoti Boissier & Blanche
Euphorbia glomerifera (Millspaugh) Wheeler
Euphorbia microphylla Heyne ex Roth
Euphorbia oerstediana Boissier
Euphorbia prunifolia Jacquin
Euphorbia terracina Linnaeus
Euphorbia thymifolia Linnaeus
Macaranga harveyana Mueller-Aargau
Macaranga triloba (Reinwardt ex Blume) Mueller-Aargau
Phyllanthus corcovadensis Mueller-Aargau
Phyllanthus diffusus Klotzsch
Phyllanthus maderaspatensis Linnaeus
Securinega virosa (Roxburgh ex Willdenow) Baillon

Fabaceae

Caesalpinioideae

Brachystegia spicaeformis Benth
Caesalpinia decapetala (Roth) Alston
Cassia brewsterii F. v. Mueller
Chamaecrista mimosoides (Linnaeus) Irwin & Barneby
Erythrophleum chlorostachys (F. v. Mueller) Baillon
Peltophorum africanum Sonder
Senna auriculata (Linnaeus) Irwin & Barneby
Senna eremophila (A. Cunningham ex Vogel) Irwin & Barneby

Fabaceae

Faboideae

Aeschynomene aspera Linnaeus
Aeschynomene sensitiva Swartz
Andira humilis Martius ex Benth
Astragalus garbancillo Cavanilles
Atylosia scarabaeoides (Linnaeus) Benth
Calopogonium mucunoides Desvaux
Crotalaria aculeata De Wildemann
Crotalaria goreensis Guillemin & Perrottet
Crotalaria saltiana H.C. Andrews
Crotalaria senegalensis Bacle
Derris elliptica (Roxburgh) Benth

Desmodium diffusum (Willdenow) de Candolle
Desmodium procumbens Hitchcock
Flemingia strobilifera W.T. Aiton
Galega officinalis Linnaeus
Gastrolobium callistachys Meissner
Gastrolobium parviflorum Benth
Gastrolobium villosum Benth
Glycyrrhiza echinata Linnaeus
Indigofera glandulosa Willdenow
Indigofera hirsuta Linnaeus
Lathyrus ochrus de Candolle
Lotus purpureus (Moench) Webb
Medicago intertexta (L.) Miller var. *ciliaris* (Linnaeus) Heyn
Melilotus dentata (Waldstein & Kitaibel) Persoon
Mucuna coriacea Baker
Mucuna pruriens (Linnaeus) de Candolle
Ononis spinosa Linnaeus
Ormocarpum trichocarpum Burt-Davy
Psoralea corylifolia Linnaeus
Pueraria phaseoloides (Roxburgh) Benth
Rhynchosia xemnonia (Delile) de Candolle
Scorpiurus muricatus Linnaeus
Sesbania benthamiana Domin
Sesbania cannabina (Retzius) Persoon
Tephrosia purpurea (Linnaeus) Persoon
Tephrosia uniflora Persoon
Trigonella polycerata Linnaeus
Vigna trilobata (Linnaeus) Verdcourt

Fabaceae

Mimosoideae

Acacia armata R. Brown
Acacia drepanolobium (Harms) Sjöstedt
Acacia gerrardii Benth
Acacia harpophylla F. v. Mueller ex Benth
Acacia heteracantha Burchell
Acacia hockii De Wildemann
Acacia karoo Hayne
Acacia mangium Willdenow
Acacia mellifera (Vahl) Benth ssp. *detinens* (Burchell) Brenan
Acacia nilotica (Linnaeus) Delile
Acacia sieberiana de Candolle var. *villosa* Chevalier
Acacia stuhlmannii Taubert
Dichrostachys cinerea (Linnaeus) Wight & Arnott
Mimosa invisa Martius ex Colla
Mimosa pigra Linnaeus
Mimosa pudica Linnaeus
Prosopis alpataco R.A. Philippi

Prosopis argentina Burkart
Prosopis articulata S. Watson
Prosopis burkartii Munoz
Prosopis caldenia Burkart
Prosopis calingastana Burkart
Prosopis campestris Grisebach
Prosopis castellanosii Burkart
Prosopis denudans Benth
Prosopis elata (Burkart) Burkart
Prosopis farcta (Solander ex Russell) Macbride
Prosopis ferox Grisebach
Prosopis fiebrigii Harms
Prosopis hassleri Harms
Prosopis humilis Gillies ex Hooker & Arnott
Prosopis kuntzei Harms
Prosopis pallida (Humboldt & Bonpland ex Willdenow) Humboldt, Bonpland, Kunth
Prosopis palmeri S. Watson
Prosopis reptans Benth var. *reptans*
Prosopis rojasiana Burkart
Prosopis ruizlealii Burkart
Prosopis ruscifolia Grisebach
Prosopis sericantha Gillies ex Hooker & Arnott
Prosopis strombulifera (Lamarck) Benth
Prosopis torquata (Cavanilles ex Lagasca y Segura) de Candolle

Fumariaceae

Fumaria agraria Lagasca y Segura
Fumaria capreolata Linnaeus
Fumaria densiflora de Candolle
Fumaria micrantha Lagasca y Segura
Fumaria parviflora Lamarck

Gentianaceae

Canscora decussata Schultes

Geraniaceae

Geranium simense A. Richard
Geranium tuberosum Linnaeus

Haloragaceae

Myriophyllum indicum Willdenow
Myriophyllum propinquum A. Cunningham
Myriophyllum verrucosum Lindley

Heliconiaceae

Heliconia psittacorum Linnaeus f.

Hydrocharitaceae

Blyxa japonica (Miquel) Maximowicz
Hydrilla verticillata (Linnaeus f.) Royle
Lagarosiphon major (Ridley) Moss
Nechamandra alternifolia (Roxburgh ex Wight) Thwaites

Ottelia alismoides (Linnaeus) Persoon
Vallisneria spiralis Linnaeus

Hydrophyllaceae *Hydrolea glabra* Schumacher & Thonning
Hydrolea macrosepala A.W. Bennett

Icacinaceae *Icacina senegalensis* Jussieu

Iridaceae *Gladiolus byzantinus* Miller
Gladiolus segetum Ker-Gawler
Homeria miniata Sweet
Iris foetidissima Linnaeus
Romulea rosea (Linnaeus) Ecklon

Juncaceae *Juncus leschenaultii* J. Gay ex Laharpe
Juncus microcephalus Humboldt, Bonpland, Kunth
Juncus prismatocarpus R. Brown

Lamiaceae *Galeopsis speciosa* Miller
Hyptis brevipes Poiteau
Hyptis capitata Jacquin
Hyptis gaudichaudii Benth
Hyptis lanceolata Poiteau
Hyptis pectinata (Linnaeus) Poiteau
Hyptis suaveolens (Linnaeus) Poiteau
Leucas glabrata R. Brown
Leucas lavandulaefolia J.E. Smith
Leucas martinicensis R. Brown
Leucas urticaefolia R. Brown
Molucella laevis Linnaeus
Ocimum americanum Linnaeus
Ocimum gratissimum Linnaeus
Platystoma africanum Palisot de Beauvois
Satureja pseudosimensis Brenan
Teucrium scordium Linnaeus

Lemnaceae *Wolffia arrhiza* (Linnaeus) Wimmer

Lentibulariaceae *Utricularia aurea* Loureiro
Utricularia inflexa Forsskal
Utricularia stellaris Linnaeus f.

Liliaceae *Allium macrostemon* Bunge
Allium nodiflora (Linnaeus) R. Brown ex Wight
Asphodelus fistulosus Linnaeus
Muscari comosum (Linnaeus) Miller
Ornithogalum pyrenaicum Linnaeus

	<i>Veratrum lobelianum</i> Bernhadi <i>Xanthorrhoea preissii</i> Endlicher
Loganiaceae	<i>Spigelia anthelmia</i> Linnaeus
Lythraceae	<i>Ammannia baccifera</i> Linnaeus <i>Ammannia pentandra</i> Roxburgh <i>Ammannia prieuriana</i> Guillemain & Perrottet <i>Cuphea wrightii</i> A. Gray <i>Rotala indica</i> (Willdenow) Koehne <i>Rotala mexicana</i> Chamisso & Schlechter <i>Rotala rotundifolia</i> Koehne
Malpighiaceae	<i>Mascagnia pubiflora</i> Grisebach
Malvaceae	<i>Hibiscus ficulneus</i> Linnaeus <i>Hibiscus obtusilobus</i> Garcke <i>Malvastrum peruvianum</i> (Linnaeus) A. Gray <i>Sida angustifolia</i> Linnaeus <i>Sida stipulata</i> Cavanilles
Melastomataceae	<i>Clidemia hirta</i> (Linnaeus) D. Don <i>Melastoma malabathricum</i> Linnaeus <i>Melastoma sanguineum</i> Sims
Menispermaceae	<i>Cissampelos pareira</i> Linnaeus
Menyanthaceae	<i>Nymphoides humboldtiana</i> (Humboldt, Bonpland, Kunth) O. Kuntze
Myricaceae	<i>Myrica faya</i> Dryander
Myrtaceae	<i>Eucalyptus cambageana</i> Maiden <i>Eucalyptus ferruginea</i> Schau <i>Eucalyptus gracilis</i> F. v. Mueller <i>Eucalyptus marginata</i> J.E. Smith <i>Eucalyptus miniata</i> A. Cunningham ex Schau <i>Eucalyptus pilularis</i> J.E. Smith <i>Eucalyptus populnea</i> F. v. Mueller <i>Eucalyptus tetradonta</i> F. v. Mueller <i>Melaleuca leucadendra</i> (Linnaeus) Linnaeus <i>Rhodomyrtus tomentosa</i> (W. Aiton) Hasskarl <i>Syzygium cumini</i> (Linnaeus) Skeels
Najadaceae	<i>Najas graminea</i> Delile
Nyctaginaceae	<i>Boerhavia diffusa</i> Linnaeus

Nymphaeaceae	<i>Nymphaea alba</i> Linnaeus <i>Nymphaea amazonum</i> Martius & Zuccarini <i>Nymphaea caerulea</i> Savignone <i>Nymphaea lotus</i> Linnaeus <i>Nymphaea nouchali</i> N.L. Burman
Onagraceae	<i>Lopezia racemosa</i> Jacquin <i>Ludwigia erecta</i> (Linnaeus) Hara <i>Ludwigia hyssopifolia</i> (G. Don) Exell <i>Ludwigia longifolia</i> (de Candolle) Hara <i>Ludwigia perennis</i> Linnaeus <i>Ludwigia prostrata</i> Roxburgh <i>Ludwigia stenorraphe</i> (Brenan) Hara
Orobanchaceae	<i>Aeginetia indica</i> Linnaeus <i>Orobanche aegyptiaca</i> Persoon <i>Orobanche cernua</i> Loeffling
Oxalidaceae	<i>Oxalis bowieana</i> Loddiges <i>Oxalis debilis</i> Humboldt, Bonpland, Kunth <i>Oxalis flava</i> Linnaeus <i>Oxalis pes-caprae</i> Linnaeus <i>Oxalis purpurata</i> Jacquin <i>Oxalis purpurea</i> Linnaeus <i>Oxalis semiloba</i> Sonder
Papaveraceae	<i>Argemone ochroleuca</i> Sweet <i>Hypecoum grandiflorum</i> Benthham <i>Papaver hybridum</i> Linnaeus
Passifloraceae	<i>Passiflora suberosa</i> Linnaeus
Phytolaccaceae	<i>Gisekia africana</i> (Loureiro) O. Kuntze <i>Phytolacca octandra</i> Linnaeus
Piperaceae	<i>Piper tuberculatum</i> Jacquin
Poaceae	
Andropogoneae	<i>Andropogon condensatus</i> Humboldt, Bonpland, Kunth <i>Andropogon lateralis</i> Nees <i>Bothriochloa pertusa</i> (Linnaeus) A. Camus <i>Chionachne hubbardiana</i> Henrard <i>Chrysopogon aciculatus</i> (Retzius) Trinius <i>Coix agrestis</i> Loureiro <i>Cymbopogon proximus</i> (Hochstetter) Stapf <i>Dichanthium annulatum</i> (Forsskal) Stapf <i>Hyparrhenia gazensis</i> (Rendle) Stapf

Imperata brasiliensis Trinius
Imperata cylindrica (Linnaeus) Palisot de Beauvois
Ischaemum afrum (J.F. Gmelin) Dandy
Ischaemum aristatum Linnaeus
Ischaemum muticum Linnaeus
Ischaemum rugosum Salisbury
Ischaemum timorense Kunth
Iseilema vaginiflorum Domin
Polytrias amaura (Buse) O. Kuntze
Rottboellia exaltata Linnaeus
Saccharum benghalense Retzius
Saccharum spontaneum Linnaeus
Schizachyrium brevifolium (Swartz) Nees ex Buse
Schizachyrium paniculatum (Kunth) Herter
Sorghum arundinaceum Roemer & Schultes
Sorghum verticilliflorum (Steudel) Stapf
Themeda arguens (Linnaeus) Hackel

Poaceae

Paniceae

Acroceras zizanioides (Humboldt, Bonpland, Kunth) Dandy
Brachiaria deflexa (Schumacher) C.E. Hubbard
Brachiaria erucaeformis (J.E. Smith) Grisebach
Brachiaria lata (Schumacher) C.E. Hubbard
Brachiaria milliiformis (Presl) A. Chase
Brachiaria paspaloides (Presl) C.E. Hubbard
Brachiaria piligera D.K. Hughes
Cyrtococcum patens (Linnaeus) A. Camus
Digitaria adscendens (Humboldt, Bonpland, Kunth) Henrard
Digitaria debilis (Desfontaines) Willdenow
Digitaria fuscescens (Presl) Henrard
Digitaria longiflora (Retzius) Persoon
Digitaria microbachne (Presl) Henrard
Digitaria pentzii Stent
Digitaria scalarum (Schweinfurth) Chiovenda
Digitaria ternata (A. Richard) Stapf
Digitaria timorensis (Kunth) Balansa
Digitaria velutina (Forsskal) Palisot de Beauvois
Echinochloa holubii (Stapf) Stapf
Echinochloa oryzoides (Arduino) Fritsch
Echinochloa phyllopogon (Stapf) Koss
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase
Echinochloa stagnina (Retzius) Palisot de Beauvois
Eriochloa procera (Retzius) C.E. Hubbard
Hymenachne amplexicaulis (Rudge) Nees
Isachne globosa (Thunberg) O. Kuntze
Isachne kunthiana (Wight & Arnott) Miquel
Melinis minutiflora Palisot de Beauvois

Ottochloa nodosa (Kunth) Dandy
Panicum austroasiaticum Ohwi
Panicum chloroticum Nees
Panicum erectum Pollacci
Panicum hygrocharis Steudel
Panicum laevifolium Hackel
Panicum laxum Swartz
Panicum luzonense Presl
Panicum paludosum Roxburgh
Panicum psilopodium Trinius
Panicum sabulorum Lamarck
Panicum spectabile Nees
Panicum trichocladum Hackel ex Schumacher
Paspalum commersonii Lamarck
Paspalum fasciculatum Willdenow ex Fluegge
Paspalum maculosum Trinius
Paspalum paniculatum Linnaeus
Paspalum pumilum Nees
Paspalum scrobiculatum Linnaeus
Pennisetum clandestinum Hochstetter
Pennisetum japonicum Trinius
Pennisetum macrourum Trinius
Pennisetum pedicellatum Trinius
Pennisetum polystachyon (Linnaeus) Schultes
Pseudechinolaena polystachya (Humboldt, Bonpland, Kunth) Stapf
Sacciolepis interrupta (Willdenow) Stapf
Setaria acromelaena (Hochstetter) Durand & Schinz
Setaria aequalis Stapf
Setaria barbata (Lamarck) Kunth
Setaria homonyma (Steudel) Chiovenda
Setaria pallide-fusca (Schumacher) Stapf & Hubbard
Setaria palmifolia (Willdenow) Stapf
Setaria poiretiana (Schultes) Kunth
Setaria sphacelata (Schumacher) Stapf & C.E. Hubbard
Snowdenia polystachya (Fresenius) Pilger
Urochloa mosambicensis (Hackel) Dandy
Urochloa panicoides Palisot de Beauvois
Urochloa pullulans Stapf

Poaceae
Pooideae

Agropyron kamoji Ohwi
Agropyron semicostatum (Steudel) Nees
Arundinella bengalensis (Sprengel) Druce
Arundinella leptochloa (Nees) J.D. Hooker
Avena byzantina C. Koch
Avena sterilis Linnaeus subsp. *ludoviciana* (Durieu) Nyman
Avena sterilis Linnaeus subsp. *sterilis*

Brachyachne convergens (F. v. Mueller) Stapf
Centotheca lappacea (Linnaeus) Desvaux
Chloris halophila Parodi
Desmostachya bipinnata (Linnaeus) Stapf
Dinebra retroflexa (Vahl) Panzer
Diplachne fusca (Linnaeus) Palisot de Beauvois
Eleusine africana Kennedy-O'Byrne
Eleusine compressa (Forsskal) Ascherson & Schweinfurth
Elytrophorus articulatus Palisot de Beauvois
Eragrostis aethiopica Chiovenda
Eragrostis airoides Nees
Eragrostis diarrhena (Schultes) Steudel
Eragrostis ferruginea (Thunberg) Palisot de Beauvois
Eragrostis japonica (Thunberg) Trinius
Eragrostis malayana Stapf
Eragrostis tenuifolia Hochstetter
Eragrostis tremula Hochstetter
Eragrostis unioloides (Retzius) Nees ex Steudel
Eragrostis viscosa (Retzius) Trinius
Eragrostis zeylanica Hackel
Leptochloa chinensis (Linnaeus) Nees
Leptochloa coerulescens Steudel
Leptochloa panicea (Retzius) Ohwi
Leptochloa scabra Nees
Lolium rigidum Gaudin
Luziola spruceana Benthham ex Doellinger
Nassella trichotoma (Nees) Hackel
Oryza barthii A. Chevalier
Oryza longistaminata A. Chevalier & Roehrich
Oryza perennis Moench
Oryza punctata Kotschy ex Steudel
Oryza rufipogon Griffith
Phragmites karka (Retzius) Trinius
Poa sphondylodes Trinius
Sporobolus diander (Retzius) Palisot de Beauvois
Sporobolus tremulus (Willdenow) Kunth

Polygonaceae

Coccoloba acapulcensis Standley
Coccoloba schiedeana Lindau
Emex australis Steinheil
Emex spinosa (Linnaeus) Campdera
Muehlenbeckia complexa (A. Cunningham) Meissner
Muehlenbeckia sagittifolia Meissner
Oxygonum atriplicifolium (Meissner) Martius
Oxygonum sinuatum (Meissner) Dammer
Polygonum nepalense Meissner
Polygonum plebeium R. Brown

Polygonum segetum Humboldt, Bonpland, Kunth
Polygonum senticosum (Meissner) Franchot & Savatier
Polygonum thunbergii Siebold & Zuccarini
Rumex abyssinicus Jacquin
Rumex acutus Linnaeus
Rumex angiocarpus Murbeck
Rumex bequaerti De Wildemann
Rumex bucephalophorus Linnaeus
Rumex japonicus Meissner

Pontederiaceae

Eichhornia azurea (Swartz) Kunth
Eichhornia natans Solms
Monochoria hastata (Linnaeus) Solms
Monochoria vaginalis (N.L. Burman) Presl

Portulacaceae

Portulaca quadrifida Linnaeus
Talinum triangulare (Jacquin) Willdenow

Potamogetonaceae

Potamogeton distinctus A. Bennett
Potamogeton lucens Linnaeus
Potamogeton ochreatus Raoul
Potamogeton schweinfurthii A. Bennett
Potamogeton tricarinatus F. v. Mueller & A. Bennett

Proteaceae

Hakea gibbosa (Smith) Cavanilles
Hakea sericea Schrader

Rhamnaceae

Ziziphus mauritiana Lamarck
Ziziphus mucronata Willdenow
Ziziphus nummularia (N.L. Burman) Wight & Arnott

Rosaceae

Alchemilla gracilipes Engler
Rubus alceaefolius Poiré
Rubus caesius Linnaeus
Rubus fruticosus Linnaeus
Rubus moluccanus Linnaeus
Rubus penetrans L.H. Bailey
Rubus ulmifolius Schott

Rubiaceae

Borreria alata (Aublet) de Candolle
Borreria articularis (Linnaeus f.) F.N. Williams
Borreria laevis (Lamarck) Grisebach
Borreria ocymoides (N.L. Burman) de Candolle
Borreria poaya de Candolle
Borreria princeae K. Schumacher
Borreria verticillata (Linnaeus) G.F.W. Meyer
Canthium hispidum Benth

Cephaelis ruelliaefolia Chamisso & Schlechter
Dentella repens (Linnaeus) J.R. & G. Forster
Galium spurium Linnaeus
Hedyotis auricularia Linnaeus
Hedyotis herbacea Linnaeus
Hemidiodia ocimifolia (Willdenow) K. Schumacher
Mitracarpum scabrum Zuccarini
Oldenlandia capensis Linnaeus f.
Oldenlandia lancifolia (Schumacher) de Candolle
Paederia foetida Linnaeus

Santalaceae

Thesium humile Vahl

Sapindaceae

Atalaya hemiglauca F. v. Mueller ex Benth

Scrophulariaceae

Alectra stricta Benth
Bacopa crenata (Palisot de Beauvois) Hepper
Bacopa erecta Hutchinson & Dalziel
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Benth
Limnophila conferta Benth
Limnophila gratioloides R. Brown
Limnophila heterophylla Benth
Limnophila micrantha Benth
Limnophila sessiliflora (Vahl) Blume
Linaria triphylla (Linnaeus) Miller
Lindernia angustifolia (Benth) Wettstein
Lindernia ciliata (Colsmann) Pennell
Lindernia cordifolia (Colsmann) Merrill
Lindernia crustacea (Linnaeus) F. v. Mueller
Lindernia pedunculata (Benth) Wettstein
Lindernia procumbens (Krocker) Philcox
Lindernia ruellioides (Colsmann) Pennell
Mazus pumilus (N.L. Burman) Steenis
Mecardonia dianthera (Swartz) Pennell
Mimulus orbicularis Wallich
Misopates orontium (Linnaeus) Rafinesque
Striga asiatica (Linnaeus) O. Kuntze

Solanaceae

Jaborosa runcinata Lamarck
Lycium ferocissimum Miers
Physalis minima Linnaeus
Schwenkia americana Linnaeus
Sessea brasiliensis Toledo
Solanum dubium Fresenius
Solanum glaucum Dunal
Solanum grossedentatum A. Richard
Solanum hystrix R. Brown

Solanum sodomium Linnaeus
Solanum torvum Swartz
Solanum xanthocarpum Schrader & Wendland

Sparganiaceae *Sparganium erectum* Linnaeus

Sterculiaceae *Dombeya rotundifolia* Planchon
Pentapetes phoenicea Linnaeus

Tiliaceae *Corchorus aestuans* Linnaeus
Corchorus antichorus Raeuschel
Corchorus capsularis Linnaeus
Corchorus fascicularis Linnaeus
Corchorus olitorius Linnaeus
Corchorus tridens Linnaeus
Corchorus trilocularis Linnaeus
Triumfetta rhomboidea Jacquin

Typhaceae *Typha orientalis* Presl

Ulmaceae *Trema aspera* Blume

Urticaceae *Australina acuminata* Weddell

Verbenaceae *Clerodendrum philippinum* Schauert
Lantana trifolia Linnaeus
Stachytarpheta angustifolia Vahl
Stachytarpheta cayennensis (L.C. Richard) Vahl
Stachytarpheta indica (Linnaeus) Vahl
Stachytarpheta jamaicensis (Linnaeus) Vahl
Stachytarpheta urticaefolia (Salisbury) Sims

Zygophyllaceae *Larrea divaricata* Cavanilles

**Appendix II: Studied Species Listed by Country,
Region, or State of Origin**

Afghanistan

Agropyron semicostatum (Steudel) Nees Poaceae
Ammannia baccifera Linnaeus Lythraceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Bongardia chrysogonum (Linnaeus) Boissier Berberidaceae
Bothriochloa pertusa (Linnaeus) A. Camus Poaceae
Brachiaria erucaeformis (J.E. Smith) Grisebach Poaceae
Centaurea depressa Bieberstein Asteraceae
Cephalaria syriaca (Linnaeus) Schrader Dipsacaceae
Cirsium arcana (Linnaeus) Moench Asteraceae
Corchorus antichorus Raeuschel Tiliaceae
Corchorus olitorius Linnaeus Tiliaceae
Desmostachya bipinnata (Linnaeus) Stapf Poaceae
Dichanthium annulatum (Forsskal) Stapf Poaceae
Digera arvensis Forsskal Amaranthaceae
Digera muricata (Linnaeus) Martius Amaranthaceae
Dinebra retroflexa (Vahl) Panzer Poaceae
Diplachne fusca (Linnaeus) Palisot de Beauvois Poaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Benth
 Scrophulariaceae
Eleusine compressa (Forsskal) Ascherson & Schweinfurth Poaceae
Eragrostis tremula Hochstetter Poaceae
Erigeron floribundus (Humboldt, Bonpland, Kunth) Schultes-Biponius
 Asteraceae
Galium spurium Linnaeus Rubiaceae
Heliotropium ellipticum Ledebour Boraginaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ludwigia perennis Linnaeus Onagraceae
Mazus pumilus (N.L. Burman) Steenis Scrophulariaceae
Najas graminea Delile Najadaceae
Orobancha aegyptiaca Persoon Orobanchaceae
Phragmites karka (Retzius) Trinius Poaceae
Physalis minima Linnaeus Solanaceae
Prosopis farcta (Solander ex Russell) Macbride Fabaceae
Rotala indica (Willdenow) Koehne Lythraceae
Rubus caesius Linnaeus Rosaceae
Rubus fruticosus Linnaeus Rosaceae
Rubus ulmifolius Schott Rosaceae
Saccharum spontaneum Linnaeus Poaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Sagittaria trifolia Linnaeus Alismataceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae

Algeria

Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Biscutella didyma Linnaeus Brassicaceae
Prosopis farcta (Solander ex Russell) Macbride Fabaceae

Angola

Celosia trigyna Linnaeus Amaranthaceae
Cissampelos pareira Linnaeus Menispermaceae
Cleome rutidosperma de Candolle Capparaceae
Commelina benghalensis Linnaeus Commelinaceae
Crotalaria aculeata de Wildemann Fabaceae
Dichrostachys cinerea (Linnaeus) Wight & Arnott Fabaceae
Digitaria debilis (Desfontaines) Willdenow Poaceae
Digitaria microbachne (Presl) Henrard Poaceae
Indigofera hirsuta Linnaeus Fabaceae
Ipomoea plebeia R. Brown Convolvulaceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Paspalum commersonii Lamarck Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Pennisetum polystachyon (Linnaeus) Schultes Poaceae
Rhynchosia xemnonia (Delile) de Candolle Fabaceae
Setaria aequalis Stapf Poaceae
Sorghum arundinaceum Roemer & Schultes Poaceae
Trianthema pentandra Linnaeus Aizoaceae
Triumfetta rhomboidea Jacquin Tiliaceae

Antilles, Lesser

Acroceras zizanioides (Humboldt, Bonpland, Kunth) Dandy Poaceae
Aeschynomene sensitiva Swartz Fabaceae
Blechum pyramidatum (Lamarck) Urban Acanthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria alata (Aublet) de Candolle Rubiaceae
Brachiaria erucaeformis (J.E. Smith) Grisebach Poaceae
Croton lobatus Linnaeus Euphorbiaceae
Digitaria microbachne (Presl) Henrard Poaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Emilia fosbergii Nicolson Asteraceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eriocaulon truncatum Buchanan-Hamilton ex Martius Eriocaulaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Flemingia strobilifera W.T. Aiton Fabaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Mimosa pudica Linnaeus Fabaceae
Paspalum fasciculatum Willdenow ex Fluegge Poaceae
Saccharum spontaneum Linnaeus Poaceae
Solanum torvum Swartz Solanaceae
Spigelia anthelmia Linnaeus Loganiaceae
Stachytarpheta indica (Linnaeus) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Arabian Peninsula

Asphodelus fistulosus Linnaeus Liliaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Orbanche aegyptiaca Persoon Orobanchaceae
Orbanche cernua Loeffling Orobanchaceae
Saccharum spontaneum Linnaeus Poaceae

Argentina

Alternanthera nodiflora R. Brown Amaranthaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Amaranthus quitensis Kunth Amaranthaceae
Amsinckia calycina (Moris) Chater Boraginaceae
Andropogon lateralis Nees Poaceae
Astragalus garbancillo Cavanilles Fabaceae
Avena byzantina C. Koch Poaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Baccharis cordifolia de Candolle Asteraceae
Carthamus lanatus Linnaeus Asteraceae
Chenopodium hircinum Schrader Chenopodiaceae
Cissampelos pareira Linnaeus Menispermaceae
Croton hirtus L'Heritier Euphorbiaceae
Croton lobatus Linnaeus Euphorbiaceae
Echinochloa oryzoides (Arduino) Fritsch Poaceae
Echium plantagineum Linnaeus Boraginaceae
Eichhornia azurea (Swartz) Kunth Pontederiaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Fumaria agraria Lagasca y Segura Fumariaceae
Fumaria capreolata Linnaeus Fumariaceae
Hirschfeldia incana (Lowe) Lagreze-Fossat Brassicaceae
Imperata brasiliensis Trinius Poaceae
Ipomoea triloba Linnaeus Convolvulaceae
Jaborosa runcinata Lamarck Solanaceae
Larrea divaricata Cavanilles Zygophyllaceae
Lepidium chalepense Linnaeus Brassicaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Mimosa invisa Martius ex Colla Fabaceae
Muehlenbeckia sagittifolia Meissner Polygonaceae
Prosopis alpataco R.A. Philippi Fabaceae
Prosopis argentina Burkart Fabaceae
Prosopis caldenia Burkart Fabaceae
Prosopis calingastana Burkart Fabaceae
Prosopis campestris Grisebach Fabaceae
Prosopis castellanosi Burkart Fabaceae
Prosopis denudans Bentham Fabaceae
Prosopis elata (Burkart) Burkart Fabaceae
Prosopis fiebrigii Harms Fabaceae
Prosopis hassleri Harms Fabaceae
Prosopis humilis Gillies ex Hooker & Arnott Fabaceae
Prosopis kuntzei Harms Fabaceae

Prosopis reptans Benth. var. *reptans* Fabaceae
Prosopis ruizlealii Burkart Fabaceae
Prosopis ruscifolia Griseb. Fabaceae
Prosopis sericantha Gillies ex Hooker & Arnott Fabaceae
Prosopis strombulifera (Lamarck) Benth. Fabaceae
Prosopis torquata (Cavanilles ex Lagasca y Segura)
 de Candolle Fabaceae
Pseudechinolaena polystachya (Humboldt, Bonpland, Kunth)
 Stapf Poaceae
Rhynchospora tenuis Link Cyperaceae
Rubus caesius Linnaeus Rosaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Schkuhria pinnata (Lamarck) O. Kuntze Asteraceae
Scolymus hispanicus Linnaeus Asteraceae
Senecio burchellii de Candolle Asteraceae
Solanum glaucum Dunal Solanaceae
Solanum xanthocarpum Schrader & Wendland Solanaceae
Solidago chilensis Meyen Asteraceae
Solidago microglossa de Candolle Asteraceae
Vallisneria spiralis Linnaeus Hydrocharitaceae
Wedelia glauca Hoffmann Asteraceae

Australia

Acacia armata R. Brown Fabaceae
Acacia harpophylla F. v. Mueller ex Benth. Fabaceae
Acacia mangium Willdenow Fabaceae
Acacia nilotica (Linnaeus) Delile Fabaceae
Ageratina adenophora (Sprengel) R.M. King & H. Robinson Asteraceae
Ageratina riparia (Regel) R.M. King & H. Robinson Asteraceae
Alstonia constricta F. v. Mueller Apocynaceae
Alternanthera nodiflora R. Brown Amaranthaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Ammannia baccifera Linnaeus Lythraceae
Amsinckia calycina (Moris) Chater Boraginaceae
Anredera cordifolia (Tenore) Steenis Basellaceae
Argemone ochroleuca Sweet Papaveraceae
Asclepias physocarpa (E. Meyer) Schlechter Asclepiadaceae
Asphodelus fistulosus Linnaeus Liliaceae
Atalaya hemiglaucum F. v. Mueller ex Benth. Sapindaceae
Avena sterilis Linnaeus subsp. *ludoviciana* (Durieu) Nyman Poaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Bassia birchii F. v. Mueller Chenopodiaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Bothriochloa pertusa (Linnaeus) A. Camus Poaceae
Boussingaultia gracilis Miers Basellaceae
Brachiaria milliiformis (Presl) A. Chase Poaceae
Brachiaria piligera D.K. Hughes Poaceae
Brachyachne convergens (F. v. Mueller) Stapf Poaceae

Caesalpinia decapetala (Roth) Alston Fabaceae
Calendula arvensis Linnaeus Asteraceae
Calopogonium mucunoides Desvaux Fabaceae
Carduus carpetanus Boissier Asteraceae
Carthamus lanatus Linnaeus Asteraceae
Cassia brewsterii F. v. Mueller Fabaceae
Cassinia arcuata R. Brown Asteraceae
Centipeda minima (Linnaeus) A. Braun & Ascherson Asteraceae
Centotheca lappacea (Linnaeus) Desvaux Poaceae
Chionachne hubbardiana Henrard Poaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Cirsium acarna (Linnaeus) Moench Asteraceae
Cirsium syriacum (Linnaeus) Gaertner Asteraceae
Cleome viscosa Linnaeus Capparaceae
Commelina benghalensis Linnaeus Commelinaceae
Corchorus olitorius Linnaeus Tiliaceae
Crassocephalum crepidioides (Bentham) S. Moore Asteraceae
Crotalaria goreensis Guillemain & Perrottet Fabaceae
Cryptostemma calendula (Linnaeus) Druce Asteraceae
Cucumis metuliferus E. Meyer ex Schrader Cucurbitaceae
Cucumis myriocarpus Naudin Cucurbitaceae
Cyperus novae-hollandiae Boeckeler Cyperaceae
Cyperus retzii Nees Cyperaceae
Damasonium australe Salisbury Alismataceae
Dichanthium annulatum (Forsskal) Stapf Poaceae
Diplachne fusca (Linnaeus) Palisot de Beauvois Poaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
Caryophyllaceae
Ecballium elaterium (Linnaeus) A. Richard Cucurbitaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Echium plantagineum Linnaeus Boraginaceae
Emex australis Steinheil Polygonaceae
Emex spinosa (Linnaeus) Campdera Polygonaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis japonica (Thunberg) Trinius Poaceae
Eragrostis tenuifolia Hochstetter Poaceae
Erechtites valerianaefolia de Candolle Asteraceae
Erigeron floribundus (Humboldt, Bonpland, Kunth)
Schultes-Biponius Asteraceae
Eriocereus martinii (Labourei) Riccobono Cactaceae
Erythrophleum chlorostachys (F. v. Mueller) Baillon Fabaceae
Erythroxylon coca Lamarck Erythroxylaceae
Eucalyptus cambageana Maiden Myrtaceae
Eucalyptus ferruginea Schau Myrtaceae
Eucalyptus gracilis F. v. Mueller Myrtaceae
Eucalyptus marginata J.E. Smith Myrtaceae
Eucalyptus miniata A. Cunningham ex Schau Myrtaceae

Eucalyptus pilularis J.E. Smith Myrtaceae
Eucalyptus populnea F. v. Mueller Myrtaceae
Eucalyptus tetradonta F. v. Mueller Myrtaceae
Euphorbia terracina Linnaeus Euphorbiaceae
Fumaria capreolata Linnaeus Fumariaceae
Fumaria densiflora de Candolle Fumariaceae
Fumaria micrantha Lagasca y Segura Fumariaceae
Fumaria parviflora Lamarck Fumariaceae
Gastrolobium callistachys Meissner Fabaceae
Gastrolobium parviflorum Bentham Fabaceae
Gastrolobium villosum Bentham Fabaceae
Glinus oppositifolius (Linnaeus) A. de Candolle Aizoaceae
Gomphrena celosioides Martius Amaranthaceae
Hibiscus ficulneus Linnaeus Malvaceae
Hirschfeldia incana (Lowe) Lagraze-Fossat Brassicaceae
Homeria miniata Sweet Iridaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hypericum androsaemum Linnaeus Clusiaceae
Hyptis capitata Jacquin Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Indigofera hirsuta Linnaeus Fabaceae
Inula graveolens Desfontaines Asteraceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea littoralis Blume Convolvulaceae
Ipomoea muelleri Bentham Convolvulaceae
Ipomoea plebeia R. Brown Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Isachne globosa (Thunberg) O. Kuntze Poaceae
Iseilema vaginiflorum Domin Poaceae
Lolium rigidum Gaudin Poaceae
Luffa aegytiaca Miller Cucurbitaceae
Lycium ferocissimum Miers Solanaceae
Melaleuca leucadendra (Linnaeus) Linnaeus Myrtaceae
Melastoma malabathricum Linnaeus Melastomataceae
Melinis minutiflora Palisot de Beauvois Poaceae
Merremia quinquefolia (Linnaeus) H. Hallier Convolvulaceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pudica Linnaeus Fabaceae
Molucella laevis Linnaeus Lamiaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Myriophyllum propinquum A. Cunningham Haloragaceae
Myriophyllum verrucosum Lindley Haloragaceae
Najas graminea Delile Najadaceae
Nassella trichotoma (Nees) Hackel Poaceae
Ononis spinosa Linnaeus Fabaceae
Onopordum acaulon Linnaeus Asteraceae

Onopordum illyricum Linnaeus Asteraceae
Operculina turpethum (Linnaeus) Manso Convolvulaceae
Opuntia aurantiaca Lindley Cactaceae
Opuntia megacantha Salm-Dyck Cactaceae
Oryza rufipogon Griffith Poaceae
Oxalis bowieana Loddiges Oxalidaceae
Oxalis flava Linnaeus Oxalidaceae
Oxalis pes-caprae Linnaeus Oxalidaceae
Oxalis purpurea Linnaeus Oxalidaceae
Panicum laevifolium Hackel Poaceae
Panicum spectabile Nees Poaceae
Papaver hybridum Linnaeus Papaveraceae
Paspalum paniculatum Linnaeus Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Passiflora suberosa Linnaeus Passifloraceae
Pennisetum clandestinum Hochstetter Poaceae
Pennisetum macrourum Trinius Poaceae
Pennisetum pedicellatum Trinius Poaceae
Pennisetum polystachyon (Linnaeus) Schultes Poaceae
Phragmites karka (Retzius) Trinius Poaceae
Phyllanthus maderaspatensis Linnaeus Euphorbiaceae
Physalis minima Linnaeus Solanaceae
Phytolacca octandra Linnaeus Phytolaccaceae
Polygonum plebeium R. Brown Polygonaceae
Potamogeton ochreatus Raoul Potamogetonaceae
Potamogeton tricarinatus F. v. Mueller & A. Bennett Potamogetonaceae
Prosopis pallida (Humboldt & Bonpland ex Willdenow)
Humboldt, Bonpland, Kunth Fabaceae
Pueraria phaseoloides (Roxburgh) Bentham Fabaceae
Romulea rosea (Linnaeus) Ecklon Iridaceae
Rottboellia exaltata Linnaeus Poaceae
Rubus alceaefolius Poiret Rosaceae
Rubus fruticosus Linnaeus Rosaceae
Rubus moluccanus Linnaeus Rosaceae
Saccharum spontaneum Linnaeus Poaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Schkuhria pinnata (Lamarck) O. Kuntze Asteraceae
Scleria poaeformis Retzius Cyperaceae
Scolymus hispanicus Linnaeus Asteraceae
Scolymus maculatus Linnaeus Asteraceae
Senna eremophila (A. Cunningham ex Vogel) Irwin & Barneby Fabaceae
Sesbania benthamiana Domin Fabaceae
Sesbania cannabina (Retzius) Persoon Fabaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Setaria palmifolia (Willdenow) Stapf Poaceae
Setaria sphacelata (Schumacher) Stapf & C.E. Hubbard Poaceae
Siegesbeckia orientalis Linnaeus Asteraceae

Solanum hystrix R. Brown Solanaceae
Solanum sodomium Linnaeus Solanaceae
Solanum torvum Swartz Solanaceae
Sorghum verticilliflorum (Steudel) Stapf Poaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta indica (Linnaeus) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Stachytarpheta urticaefolia (Salisbury) Sims Verbenaceae
Terminalia oblongata F. v. Mueller Combretaceae
Trema aspera Blume Ulmaceae
Trianthema australis Melville Aizoaceae
Tridax procumbens Linnaeus Asteraceae
Triumfetta rhomboidea Jacquin Tiliaceae
Typha orientalis Presl Typhaceae
Urochloa mosambicensis (Hackel) Dandy Poaceae
Urochloa panicoides Palisot de Beauvois Poaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Wedelia glauca Hoffmann Asteraceae
Xanthorrhoea preissii Endlicher Liliaceae
Ziziphus mauritiana Lamarck Rhamnaceae

Austria

Chenopodium ficifolium Smith Chenopodiaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Nymphaea alba Linnaeus Nymphaeaceae
Sparganium erectum Linnaeus Sparganiaceae

Bangladesh

Acacia gerrardii Bentham Fabaceae
Aeschynomene aspera Linnaeus Fabaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Asphodelus fistulosus Linnaeus Liliaceae
Bergia capensis Linnaeus Elatinaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Commelina benghalensis Linnaeus Commelinaceae
Cyanotis axillaris (Linnaeus) D. Don Commelinaceae
Echinochloa stagnina (Retzius) Palisot de Beauvois Poaceae
Euphorbia microphylla Heyne ex Roth Euphorbiaceae
Fimbristylis globulosa (Retzius) Kunth Cyperaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Isachne globosa (Thunberg) O. Kuntze Poaceae
Ischaemum rugosum Salisbury Poaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Lindernia ciliata (Colsmann) Pennell Scrophulariaceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae

Mimosa pudica Linnaeus Fabaceae
Monochoria hastata (Linnaeus) Solms Pontederiaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Nechamandra alternifolia (Roxburgh ex Wight) Thwaites Hydrocharitaceae
Nymphaea nouchali N.L. Burman Nymphaeaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Panicum psilopodium Trinius Poaceae
Paspalum commersonii Lamarck Poaceae
Saccharum benghalense Retzius Poaceae
Saccharum spontaneum Linnaeus Poaceae
Sacciolepis interrupta (Willdenow) Stapf Poaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus mucronatus Linnaeus Cyperaceae
Sesbania cannabina (Retzius) Persoon Fabaceae
Solanum torvum Swartz Solanaceae
Sporobolus diander (Retzius) Palisot de Beauvois Poaceae
Sporobolus tremulus (Willdenow) Kunth Poaceae
Utricularia aurea Loureiro Lentibulariaceae

Belgium

Chenopodium ficifolium Smith Chenopodiaceae
Lepidium schinzii Thellung Brassicaceae
Nymphaea alba Linnaeus Nymphaeaceae
Potamogeton ochreatus Raoul Potamogetonaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Sparganium erectum Linnaeus Sparganiaceae

Belize

Boerhavia diffusa Linnaeus Nyctaginaceae
Digitaria microbachne (Presl) Henrard Poaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Erechtites valerianaefolia de Candolle Asteraceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Glinus oppositifolius (Linnaeus) A. de Candolle Aizoaceae
Hyptis capitata Jacquin Lamiaceae
Ipomoea trifida (Humboldt, Bonpland, Kunth) G. Don Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Lantana trifolia Linnaeus Verbenaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Merremia quinquefolia (Linnaeus) H. Hallier Convolvulaceae
Mimosa pigra Linnaeus Fabaceae
Mimosa pudica Linnaeus Fabaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Paspalum fasciculatum Willdenow ex Fluegge Poaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rorippa indica (Linnaeus) Hiern Brassicaceae

Rotala mexicana Chamisso & Schlechter Lythraceae
Solanum torvum Swartz Solanaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae

Bolivia

Boerhavia diffusa Linnaeus Nyctaginaceae
Chenopodium paniculatum Hooker Chenopodiaceae
Imperata brasiliensis Trinius Poaceae
Mimosa pudica Linnaeus Fabaceae
Prosopis ferox Grisebach Fabaceae
Prosopis kuntzei Harms Fabaceae
Prosopis ruscifolia Grisebach Fabaceae
Pseudocalymna alliaceum (Lamarck) Sandwith Bignoniaceae
Rottboellia exaltata Linnaeus Poaceae

Borneo

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Borreria alata (Aublet) de Candolle Rubiaceae
Brachiaria paspaloides (Presl) C.E. Hubbard Poaceae
Centotheca lappacea (Linnaeus) Desvaux Poaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Cleome rutidosperma de Candolle Capparaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Commelina benghalensis Linnaeus Commelinaceae
Corchorus aestuans Linnaeus Tiliaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria ternata (A. Richard) Stapf Poaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis unioloides (Retzius) Nees ex Steudel Poaceae
Erechtites valerianaefolia de Candolle Asteraceae
Eriochloa procera (Retzius) C.E. Hubbard Poaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Fimbristylis aestivalis (Retzius) Vahl Cyperaceae
Fimbristylis globulosa (Retzius) Kunth Cyperaceae
Fuirena umbellata Rottboell Cyperaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hyptis brevipes Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ischaemum muticum Linnaeus Poaceae
Ischaemum rugosum Salisbury Poaceae
Ischaemum timorense Kunth Poaceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Limnocharis flava (Linnaeus) J. Buchanan Butomaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Melastoma malabathricum Linnaeus Melastomataceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae

Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pudica Linnaeus Fabaceae
Monochoria hastata (Linnaeus) Solms Pontederiaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Nymphaea alba Linnaeus Nymphaeaceae
Ottocloa nodosa (Kunth) Dandy Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Physalis minima Linnaeus Poaceae
Scirpus grossus Linnaeus f. Cyperaceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Scleria sumatrensis Retzius Cyperaceae
Solanum torvum Swartz Solanaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Botswana

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Corchorus olitorius Linnaeus Tiliaceae
Digitaria velutina (Forsskal) Palisot de Beauvois Poaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Nymphaea caerulea Savignone Nymphaeaceae
Nymphaea lotus Linnaeus Nymphaeaceae
Urochloa panicoides Palisot de Beauvois Poaceae

Brazil

Aeschynomene sensitiva Swartz Fabaceae
Ananas ananassoides (Baker) L.B. Smith Bromeliaceae
Andira humilis Martius ex Benthham Fabaceae
Andropogon lateralis Nees Poaceae
Aspilia montevidensis (Sprengel) O. Kuntze Asteraceae
Baccharis cordifolia de Candolle Asteraceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria alata (Aublet) de Candolle Rubiaceae
Borreria poaya de Candolle Rubiaceae
Borreria verticillata (Linnaeus) G.F.W. Meyer Rubiaceae
Brachiaria milliiformis (Presl) A. Chase Poaceae
Centaurea depressa Bieberstein Asteraceae
Cephaelis ruelliaefolia Chamisso & Schlechter Rubiaceae
Chenopodium hircinum Schrader Chenopodiaceae
Coleostephus myconis (Linnaeus) Reichenbach Asteraceae
Cyperus laetus J. & C. Presl Cyperaceae
Cyperus luzulae Rottboell ex Willdenow Cyperaceae
Digitaria fuscescens (Presl) Henrard Poaceae
Digitaria microbachne (Presl) Henrard Poaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae

Eleocharis nodulosa Schultes Cyperaceae
Eleocharis ochreatea Nees Cyperaceae
Elephantopus scaber Linnaeus Asteraceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Enhydra sessilis de Candolle Asteraceae
Eragrostis airoides Nees Poaceae
Erechtites valerianaefolia de Candolle Asteraceae
Eryngium sanguisorba Chamisso & Schlechter Apiaceae
Eupatorium liatrideum de Candolle Asteraceae
Eupatorium macrocephalum Lessing Asteraceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Fumaria capreolata Linnaeus Fumariaceae
Glinus oppositifolius (Linnaeus) A. de Candolle Aizoaceae
Heliconia psittacorum Linnaeus f. Heliconiaceae
Hyptis gaudichaudii Benthham Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata brasiliensis Trinius Poaceae
Indigofera hirsuta Linnaeus Fabaceae
Ischaemum rugosum Salisbury Poaceae
Juncus microcephalus Humboldt, Bonpland, Kunth Juncaceae
Leucas martinicensis R. Brown Lamiaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Ludwigia longifolia (de Candolle) Hara Onagraceae
Mariscus rufus Humboldt, Bonpland, Kunth Cyperaceae
Mascagnia pubiflora Grisebach Malpighiaceae
Melinis minutiflora Palisot de Beauvois Poaceae
Mimosa pudica Linnaeus Fabaceae
Oryza rufipogon Griffith Poaceae
Paederia foetida Linnaeus Rubiaceae
Panicum chloroticum Nees Poaceae
Panicum laxum Swartz Poaceae
Panicum sabulorum Lamarck Poaceae
Panicum spectabile Nees Poaceae
Paspalum maculosum Trinius Poaceae
Paspalum paniculatum Linnaeus Poaceae
Paspalum pumilum Nees Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Phyllanthus corcovadensis Mueller-Aargau Euphorbiaceae
Pluchea sagittalis (Lamarck) Cabrera Asteraceae
Prosopis ruscifolia Grisebach Fabaceae
Pterocaulon rugosum (Vahl) Malme Asteraceae
Rhynchospora tenuis Link Cyperaceae
Rottboellia exaltata Linnaeus Poaceae
Schizachyrium paniculatum (Kunth) Herter Poaceae
Senecio oligophyllus Baker Asteraceae
Sessea brasiliensis Toledo Solanaceae

Setaria poiretiana (Schultes) Kunth Poaceae
Solidago microglossa de Candolle Asteraceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Tridax procumbens Linnaeus Asteraceae
Vernonia polyanthes Lessing Asteraceae

Bulgaria

Centaurea depressa Bieberstein Asteraceae
Chenopodium ficifolium Smith Chenopodiaceae
Glycyrrhiza echinata Linnaeus Fabaceae
Inula graveolens Desfontaines Asteraceae
Leontice leontopetalum Linnaeus Berberidaceae
Lotus purpureus (Moench) Webb Fabaceae
Onopordum illyricum Linnaeus Asteraceae
Sparganium erectum Linnaeus Sparganiaceae
Teucrium scordium Linnaeus Lamiaceae

Burma

Arundinella bengalensis (Sprengel) Druce Poaceae
Brachiaria paspaloides (Presl) C.E. Hubbard Poaceae
Centotheca lappacea (Linnaeus) Desvaux Poaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Cyrtococcum patens (Linnaeus) A. Camus Poaceae
Dichanthium annulatum (Forsskal) Stapf Poaceae
Digitaria fuscescens (Presl) Henrard Poaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Diplachne fusca (Linnaeus) Palisot de Beauvois Poaceae
Echinochloa stagnina (Retzius) Palisot de Beauvois Poaceae
Eragrostis tremula Hochstetter Poaceae
Eragrostis unioides (Retzius) Nees ex Steudel Poaceae
Eriochloa procera (Retzius) C.E. Hubbard Poaceae
Ischaemum rugosum Salisbury Poaceae
Ischaemum timorense Kunth Poaceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Oryza rufipogon Griffith Poaceae
Ottochloa nodosa (Kunth) Dandy Poaceae
Phragmites karka (Retzius) Trinius Poaceae
Rottboellia exaltata Linnaeus Poaceae
Saccharum spontaneum Linnaeus Poaceae
Setaria barbata (Lamarck) Kunth Poaceae
Sporobolus diander (Retzius) Palisot de Beauvois Poaceae
Urochloa mosambicensis (Hackel) Dandy Poaceae

Cambodia

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria alata (Aublet) de Candolle Rubiaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Cleome rutidosperma de Candolle Capparaceae
Cleome viscosa Linnaeus Capparaceae

Commelina salicifolia Roxburgh Commelinaceae
Corchorus capsularis Linnaeus Tiliaceae
Cyanotis papilionacea J.H. Schultes Commelinaceae
Digitaria microbachne (Presl) Henrard Poaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Benth
 Scrophulariaceae
Eleocharis dulcis (N.L. Burman) Henschel Cyperaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eriocaulon truncatum Buchanan-Hamilton ex Martius Eriocaulaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Fuirena umbellata Rottboell Cyperaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hygrophila angustifolia R. Brown Acanthaceae
Hygrophila phlomoides Nees Acanthaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Ischaemum aristatum Linnaeus Poaceae
Ischaemum rugosum Salisbury Poaceae
Limnophila conferta Benth Scrophulariaceae
Lindernia angustifolia (Benth) Wettstein Scrophulariaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Melastoma malabathricum Linnaeus Melastomataceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pudica Linnaeus Fabaceae
Monochoria hastata (Linnaeus) Solms Pontederiaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Najas graminea Delile Najadaceae
Nymphaea lotus Linnaeus Nymphaeaceae
Nymphaea nouchali N.L. Burman Nymphaeaceae
Ocimum gratissimum Linnaeus Lamiaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Panicum luzonense Presl Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Pentapetes phoenicea Linnaeus Sterculiaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rotala indica (Willdenow) Koehne Lythraceae
Ruellia tuberosa Linnaeus Acanthaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus grossus Linnaeus f. Cyperaceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Scirpus mucronatus Linnaeus Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae

	<i>Synedrella nodiflora</i> (Linnaeus) Gaertner	Asteraceae
	<i>Tridax procumbens</i> Linnaeus	Asteraceae
	<i>Utricularia aurea</i> Loureiro	Lentibulariaceae
	<i>Vernonia cinerea</i> (Linnaeus) Lessing	Asteraceae
Cameroon	<i>Alternanthera sessilis</i> (Linnaeus) de Candolle	Amaranthaceae
	<i>Corchorus olitorius</i> Linnaeus	Tiliaceae
	<i>Echinochloa stagnina</i> (Retzius) Palisot de Beauvois	Poaceae
	<i>Pennisetum clandestinum</i> Hochstetter	Poaceae
	<i>Solanum torvum</i> Swartz	Solanaceae
Canada	<i>Cicuta mackenziana</i> Raup	Apiaceae
	<i>Galeopsis speciosa</i> Miller	Lamiaceae
	<i>Ottelia alismoides</i> (Linnaeus) Persoon	Hydrocharitaceae
	<i>Wolffia arrhiza</i> (Linnaeus) Wimmer	Lemnaceae
Celebes Island Region	<i>Imperata cylindrica</i> (Linnaeus) Palisot de Beauvois	Poaceae
Chile	<i>Amsinckia calycina</i> (Moris) Chater	Boraginaceae
	<i>Carthamus lanatus</i> Linnaeus	Asteraceae
	<i>Centotheca lappacea</i> (Linnaeus) Desvaux	Poaceae
	<i>Chenopodium paniculatum</i> Hooker	Chenopodiaceae
	<i>Coleostephus myconis</i> (Linnaeus) Reichenbach	Asteraceae
	<i>Eragrostis ferruginea</i> (Thunberg) Palisot de Beauvois	Poaceae
	<i>Glinus oppositifolius</i> (Linnaeus) A. de Candolle	Aizoaceae
	<i>Lepidium bipinnatifidum</i> Desvaux	Brassicaceae
	<i>Prosopis burkartii</i> Munoz	Fabaceae
	<i>Rubus ulmifolius</i> Schott	Rosaceae
	<i>Sagittaria chilensis</i> Chamisso & Schlechter	Alismataceae
	<i>Siegesbeckia orientalis</i> Linnaeus	Asteraceae
	<i>Solidago microglossa</i> de Candolle	Asteraceae
	<i>Wedelia glauca</i> Hoffmann	Asteraceae
China, People's Republic of	<i>Agropyron kamoji</i> Ohwi	Poaceae
	<i>Alternanthera sessilis</i> (Linnaeus) de Candolle	Amaranthaceae
	<i>Arundinella bengalensis</i> (Sprengel) Druce	Poaceae
	<i>Boerhavia diffusa</i> Linnaeus	Nyctaginaceae
	<i>Chenopodium ficifolium</i> Smith	Chenopodiaceae
	<i>Chrysopogon aciculatus</i> (Retzius) Trinius	Poaceae
	<i>Commelina benghalensis</i> Linnaeus	Commelinaceae
	<i>Corchorus olitorius</i> Linnaeus	Tiliaceae
	<i>Digitaria longiflora</i> (Retzius) Persoon	Poaceae
	<i>Digitaria ternata</i> (A. Richard) Stapf	Poaceae
	<i>Dopatrium junceum</i> (Roxburgh) Buchanan-Hamilton ex Bentham	Scrophulariaceae

Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis ferruginea (Thunberg) Palisot de Beauvois Poaceae
Erechtites valerianaefolia de Candolle Asteraceae
Eupatorium japonicum Thunberg Asteraceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ischaemum rugosum Salisbury Poaceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Limnophila sessiliflora (Vahl) Blume Scrophulariaceae
Lindernia crustacea (Linnaeus) F. v. Mueller Scrophulariaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Mazus pumilus (N.L. Burman) Steenis Scrophulariaceae
Mimosa pudica Linnaeus Fabaceae
Monochoria hastata (Linnaeus) Solms Pontederiaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Najas graminea Delile Najadaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Paederia foetida Linnaeus Rubiaceae
Paspalum scrobiculatum Linnaeus Poaceae
Physalis minima Linnaeus Solanaceae
Rotala indica (Willdenow) Koehne Lythraceae
Rottboellia exaltata Linnaeus Poaceae
Sagittaria pygmaea Miquel Alismataceae
Sagittaria sagittifolia Linnaeus Alismataceae
Sagittaria trifolia Linnaeus Alismataceae
Saussurea lyrata (Blume) Franchet Asteraceae
Scirpus erectus Poiré Cyperaceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Scirpus mucronatus Linnaeus Cyperaceae
Solanum torvum Swartz Solanaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Syzygium cumini (Linnaeus) Skeels Myrtaceae
Tridax procumbens Linnaeus Asteraceae
Vallisneria spiralis Linnaeus Hydrocharitaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Colombia

Acalypha alopecuroides Jacquin Euphorbiaceae
Aeschynomene sensitiva Swartz Fabaceae

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Calopogonium mucunoides Desvaux Fabaceae
Chenopodium paniculatum Hooker Chenopodiaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Croton lobatus Linnaeus Euphorbiaceae
Digitaria microbachne (Presl) Henrard Poaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eriochloa procera (Retzius) C.E. Hubbard Poaceae
Glinus oppositifolius (Linnaeus) A. de Candolle Aizoaceae
Hyptis capitata Jacquin Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Indigofera hirsuta Linnaeus Fabaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea tiliacea (Willdenow) Choisy Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Ischaemum rugosum Salisbury Poaceae
Lantana trifolia Linnaeus Verbenaceae
Lepidium bipinnatifidum Desvaux Brassicaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Malvastrum peruvianum (Linnaeus) A. Gray Malvaceae
Mariscus rufus Humboldt, Bonpland, Kunth Cyperaceae
Melinis minutiflora Palisot de Beauvois Poaceae
Mimosa pudica Linnaeus Fabaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Nymphaea alba Linnaeus Nymphaeaceae
Paspalum fasciculatum Willdenow ex Fluegge Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Phyllanthus diffusus Klotzsch Euphorbiaceae
Polygonum segetum Humboldt, Bonpland, Kunth Polygonaceae
Prosopis pallida (Humboldt, Bonpland ex Willdenow)
 Humboldt, Bonpland, Kunth Fabaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rottboellia exaltata Linnaeus Poaceae
Sesbania cannabina (Retzius) Persoon Fabaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Talinum triangulare (Jacquin) Willdenow Portulacaceae
Tridax procumbens Linnaeus Asteraceae

Costa Rica

Borreria alata (Aublet) de Candolle Rubiaceae

Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Ipomoea triloba Linnaeus Convolvulaceae
Melinis minutiflora Palisot de Beauvois Poaceae
Mimosa pigra Linnaeus Fabaceae
Mimosa pudica Linnaeus Fabaceae
Panicum laxum Swartz Poaceae
Paspalum paniculatum Linnaeus Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rorippa indica (Linnaeus) Hiern Brassicaceae
Solanum torvum Swartz Solanaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Tridax procumbens Linnaeus Asteraceae

Cuba

Blechum pyramidatum (Lamarck) Urban Acanthaceae
Bothriochloa pertusa (Linnaeus) A. Camus Poaceae
Croton lobatus Linnaeus Euphorbiaceae
Dichrostachys cinerea (Linnaeus) Wight & Arnott Fabaceae
Erythroxylon coca Lamarck Erythroxylaceae
Ipomoea triloba Linnaeus Convolvulaceae
Ischaemum rugosum Salisbury Poaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Mimosa pudica Linnaeus Fabaceae
Rottboellia exaltata Linnaeus Poaceae

Czechoslovakia

Chenopodium ficifolium Smith Chenopodiaceae
Eryngium campestre Linnaeus Apiaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Ononis spinosa Linnaeus Fabaceae
Sparganium erectum Linnaeus Sparganiaceae

Dahomey

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Cleome rutidosperma de Candolle Capparaceae
Digitaria velutina (Forsskal) Palisot de Beauvois Poaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Nymphaea lotus Linnaeus Nymphaeaceae

Oryza longistaminata A. Chevalier & Roehrich Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Solanum torvum Swartz Solanaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Denmark

Chenopodium ficifolium Smith Chenopodiaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Sparganium erectum Linnaeus Sparganiaceae

Dominican Republic

Acalypha alopecuroides Jacquin Euphorbiaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Andropogon condensatus Humboldt, Bonpland, Kunth Poaceae
Blechum pyramidatum (Lamarck) Urban Acanthaceae
Borreria ocymoides (N.L. Burman) de Candolle Rubiaceae
Bothriochloa pertusa (Linnaeus) A. Camus Poaceae
Cissampelos pareira Linnaeus Menispermaceae
Croton lobatus Linnaeus Euphorbiaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Ipomoea tiliacea (Willdenow) Choisy Convolvulaceae
Ischaemum rugosum Salisbury Poaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa pudica Linnaeus Fabaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Paspalum fasciculatum Willdenow ex Fluegge Poaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rottboellia exaltata Linnaeus Poaceae
Scleria melaleuca Reichenbach ex Schlechter & Chamisso Cyperaceae
Spigelia anthelmia Linnaeus Loganiaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae
Wedelia trilobata (Linnaeus) Hitchcock Asteraceae

Ecuador

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Chenopodium paniculatum Hooker Chenopodiaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Ipomoea triloba Linnaeus Convolvulaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae

Nymphaea lotus Linnaeus Nymphaeaceae
Oryza rufipogon Griffith Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Prosopis pallida (Humboldt & Bonpland ex Willdenow)
Humboldt, Bonpland, Kunth Fabaceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae

Egypt

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Asphodelus fistulosus Linnaeus Liliaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Brachiaria erucaeformis (J.E. Smith) Grisebach Poaceae
Calendula arvensis Linnaeus Asteraceae
Chenopodium ficifolium Smith Chenopodiaceae
Chrozophora plicata (Vahl) A. Jussieu Euphorbiaceae
Cichorium pumilum Jacquin Asteraceae
Corchorus olitorius Linnaeus Tiliaceae
Cotula anthemoides Linnaeus Asteraceae
Cyperus longus Linnaeus Cyperaceae
Desmostachya bipinnata (Linnaeus) Stapf Poaceae
Dichanthium annulatum (Forsskal) Stapf Poaceae
Dinebra retroflexa (Vahl) Panzer Poaceae
Diplachne fusca (Linnaeus) Palisot de Beauvois Poaceae
Diplotaxis eruroides (Linnaeus) de Candolle Brassicaceae
Echinochloa stagnina (Retzius) Palisot de Beauvois Poaceae
Emex spinosa (Linnaeus) Campdera Polygonaceae
Euphorbia aegyptiaca Boissier Euphorbiaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Medicago intertexta (L.) Miller var. *ciliaris* (Linnaeus) Heyn Fabaceae
Misopates ornotium (Linnaeus) Rafinesque Scrophulariaceae
Najas graminea Delile Najadaceae
Nymphaea caerulea Savignone Nymphaeaceae
Nymphaea lotus Linnaeus Nymphaeaceae
Orobanche cernua Loefling Orobanchaceae
Pennisetum clandestinum Hochstetter Poaceae
Polygonum plebeium R. Brown Polygonaceae
Saccharum spontaneum Linnaeus Poaceae
Scirpus mucronatus Linnaeus Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Scorpiurus muricatus Linnaeus Fabaceae
Silene rubella Linnaeus Caryophyllaceae

El Salvador

Baltimora recta Linnaeus Asteraceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria laevis (Lamarck) Grisebach Rubiaceae
Coccoloba schiedeana Lindau Polygonaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
Caryophyllaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Erechtites valerianaefolia de Candolle Asteraceae
Hyptis capitata Jacquin Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Ipomoea triloba Linnaeus Convolvulaceae
Lantana trifolia Linnaeus Verbenaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Melampodium divaricatum de Candolle Asteraceae
Mimosa pigra Linnaeus Fabaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Paspalum fasciculatum Willdenow ex Fluegge Poaceae
Paspalum paniculatum Linnaeus Poaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae

England

Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Chenopodium ficifolium Smith Chenopodiaceae
Galeopsis speciosa Miller Lamiaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Nymphaea alba Linnaeus Nymphaeaceae
Potamogeton lucens Linnaeus Potamogetonaceae
Potamogeton ochreatus Raoul Potamogetonaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Salsola vermiculata Linnaeus Chenopodiaceae

Ethiopia

Alchemilla gracilipes Engler Rosaceae
Avena sterilis Linnaeus subsp. *ludoviciana* (Durieu) Nyman Poaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Brachiaria deflexa (Schumacher) C.E. Hubbard Poaceae
Brachiaria lata (Schumacher) C.E. Hubbard Poaceae
Cotula abyssinica (Schultes-Biponius) A. Richard Asteraceae
Digitaria scalarum (Schweinfurth) Chiovenda Poaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Galium spurium Linnaeus Rubiaceae
Geranium simense A. Richard Geraniaceae
Guizotia villosa Schultes-Biponius ex A. Richard Asteraceae
Lactuca capensis Thunberg Asteraceae

Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Pennisetum pedicellatum Trinius Poaceae
Polygonum nepalense Meissner Polygonaceae
Rottboellia exaltata Linnaeus Poaceae
Rumex abyssinicus Jacquin Polygonaceae
Rumex bequaerti De Wildemann Polygonaceae
Satureja pseudosimensis Brenan Lamiaceae
Setaria acromelaena (Hochstetter) Durand & Schinz Poaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Snowdenia polystachya (Fresenius) Pilger Poaceae

Fiji

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Atylosia scarabaeoides (Linnaeus) Bentham Fabaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria laevis (Lamarck) Grisebach Rubiaceae
Borreria verticillata (Linnaeus) G.F.W. Meyer Rubiaceae
Brachiaria erucaiformis (J.E. Smith) Grisebach Poaceae
Brachiaria milliiformis (Presl) A. Chase Poaceae
Brachiaria paspaloides (Presl) C.E. Hubbard Poaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Cleome viscosa Linnaeus Capparaceae
Clerodendrum philippinum Schauer Verbenaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Corchorus trilocularis Linnaeus Tiliaceae
Cyathula prostrata (Linnaeus) Blume Amaranthaceae
Cyperus pilosus Vahl Cyperaceae
Derris elliptica (Roxburgh) Bentham Fabaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis unioloides (Retzius) Nees ex Steudel Poaceae
Erigeron floribundus (Humboldt, Bonpland, Kunth) Schultes-Biponius
 Asteraceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Fimbristylis ferruginea (Linnaeus) Vahl Cyperaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hyptis pectinata (Linnaeus) Poiteau Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsk. Convolvulaceae
Ischaemum rugosum Salisbury Poaceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Melastoma malabathricum Linnaeus Melastomataceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pudica Linnaeus Fabaceae
Monochoria hastata (Linnaeus) Solms Pontederiaceae
Operculina turpethum (Linnaeus) Manso Convolvulaceae

Paspalum paniculatum Linnaeus Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Passiflora suberosa Linnaeus Passifloraceae
Pennisetum pedicellatum Trinius Poaceae
Pennisetum polystachyon (Linnaeus) Schultes Poaceae
Portulaca quadrifida Linnaeus Portulacaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rubus moluccanus Linnaeus Rosaceae
Scirpus mucronatus Linnaeus Cyperaceae
Sesbania cannabina (Retzius) Persoon Fabaceae
Setaria barbata (Lamarck) Kunth Poaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Setaria palmifolia (Willdenow) Stapf Poaceae
Siegesbeckia orientalis Linnaeus Asteraceae
Solanum torvum Swartz Solanaceae
Sporobolus diander (Retzius) Palisot de Beauvois Poaceae
Stachytarpheta urticaefolia (Salisbury) Sims Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Trichodesma zeylanicum R. Brown Boraginaceae
Tridax procumbens Linnaeus Asteraceae
Triumfetta rhomboidea Jacquin Tiliaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Finland

Chenopodium ficifolium Smith Chenopodiaceae
Galeopsis speciosa Miller Lamiaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae

France

Amsinckia calycina (Moris) Chater Boraginaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Coleostephus myconis (Linnaeus) Reichenbach Asteraceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Inula graveolens Desfontaines Asteraceae
Linaria triphylla (Linnaeus) Miller Scrophulariaceae
Lotus purpureus (Moench) Webb Fabaceae
Nymphaea alba Linnaeus Nymphaeaceae
Onopordum acaulon Linnaeus Asteraceae
Onopordum illyricum Linnaeus Asteraceae
Ridolfia segetum (Linnaeus) Moris Apiaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus supinus Linnaeus Cyperaceae
Sparganium erectum Linnaeus Sparganiaceae
Teucrium scordium Linnaeus Lamiaceae
Thesium humile Vahl Santalaceae
Trigonella polycerata Linnaeus Fabaceae

Germany, West

Galeopsis speciosa Miller Lamiaceae

Galium spurium Linnaeus Rubiaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Lepidium schinzii Thellung Brassicaceae
Nymphaea alba Linnaeus Nymphaeaceae
Papaver hybridum Linnaeus Papaveraceae
Potamogeton ochreatus Raoul Potamogetonaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus mucronatus Linnaeus Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Sparaganium erectum Linnaeus Sparganiaceae
Teucrium scordium Linnaeus Lamiaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Ghana

Acalypha ciliata Forsskal Euphorbiaceae
Acanthus montanus T. Anderson Acanthaceae
Alchornea cordifolia (Schumacher & Thonning) Mueller-Aargau
 Euphorbiaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Aspilia africana (Persoon) Adams Asteraceae
Blepharis maderaspatensis (Linnaeus) Roth Acanthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria alata (Aublet) de Candolle Rubiaceae
Borreria articularis (Linnaeus f.) F.N. Williams Rubiaceae
Brachiaria deflexa (Schumacher) C.E. Hubbard Poaceae
Brachiaria lata (Schumacher) C.E. Hubbard Poaceae
Brillantaisia lamium Benthams Acanthaceae
Brillantaisia nitens Lindau Acanthaceae
Canscora decussata Schultes Gentianaceae
Celosia trigyna Linnaeus Amaranthaceae
Centotheca lappacea (Linnaeus) Desvaux Poaceae
Chamaecrista mimosoides (Linnaeus) Irwin & Barneby Fabaceae
Cissampelos pareira Linnaeus Menispermaceae
Cleome rutidosperma de Candolle Capparaceae
Commelina benghalensis Linnaeus Commelinaceae
Corchorus olitorius Linnaeus Tiliaceae
Crassocephalum crepidioides (Benthams) S. Moore Asteraceae
Crotalaria goreensis Guillemin & Perrottet Fabaceae
Croton lobatus Linnaeus Euphorbiaceae
Cyathula prostrata (Linnaeus) Blume Amaranthaceae
Cymbopogon proximus (Hochstetter) Stapf Poaceae
Dichrostachys cinerea (Linnaeus) Wight & Arnott Fabaceae
Digitaria debilis (Desfontaines) Willdenow Poaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria microbachne (Presl) Henrard Poaceae
Digitaria ternata (A. Richard) Stapf Poaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Benthams
 Scrophulariaceae

Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Echinochloa stagnina (Retzius) Palisot de Beauvois Poaceae
Elytraria crenata Vahl Acanthaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis tremula Hochstetter Poaceae
Erigeron floribundus (Humboldt, Bonpland, Kunth) Schultes-Biponius
 Asteraceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Glinus oppositifolius (Linnaeus) A. de Candolle Aizoaceae
Gomphrena celosioides Martius Amaranthaceae
Hedyotis herbacea Linnaeus Rubiaceae
Hyptis lanceolata Poiteau Lamiaceae
Hyptis pectinata (Linnaeus) Poiteau Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Icacina senegalensis Jussieu Icacinaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Indigofera hirsuta Linnaeus Fabaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ischaemum rugosum Salisbury Poaceae
Justicia flava Kurz Acanthaceae
Justicia insularis T. Anderson Acanthaceae
Lactuca capensis Thunberg Asteraceae
Lactuca taraxacifolia Schumacher & Thonning Asteraceae
Leptochloa coerulescens Steudel Poaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Luffa aegyptiaca Miller Cucurbitaceae
Mariscus umbellatus Vahl Cyperaceae
Melanthera scandens (Schumacher & Thonning) Brenan Asteraceae
Merremia aegyptia (Linnaeus) Urban Convolvulaceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mimosa pigra Linnaeus Fabaceae
Mimosa pudica Linnaeus Fabaceae
Mitracarpum scabrum Zuccarini Rubiaceae
Mollugo nudicaulis Lamarck Aizoaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Nymphaea lotus Linnaeus Nymphaeaceae
Ocimum americanum Linnaeus Lamiaceae
Ocimum gratissimum Linnaeus Lamiaceae
Panicum laxum Swartz Poaceae
Paspalum commersonii Lamarck Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Phragmites karka (Retzius) Trinius Poaceae
Phyllanthus maderaspatensis Linnaeus Euphorbiaceae

Platystoma africanum Palisot de Beauvois Lamiaceae
Portulaca quadrifida Linnaeus Portulacaceae
Pseudechinolaena polystachya (Humboldt, Bonpland, Kunth) Stapf
 Poaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Pulicaria crispa Schultes-Biponius Asteraceae
Pupalia lappacea (Linnaeus) Jussieu Amaranthaceae
Rottboellia exaltata Linnaeus Poaceae
Saccharum spontaneum Linnaeus Poaceae
Schwenkia americana Linnaeus Solanaceae
Scleria barteri Boeckeler Cyperaceae
Securinega virosa (Roxburgh ex Willdenow) Baillon Euphorbiaceae
Setaria barbata (Lamarck) Kunth Poaceae
Setaria sphacelata (Schumacher) Stapf & C.E. Hubbard Poaceae
Sida stipulata Cavanilles Malvaceae
Solanum torvum Swartz Solanaceae
Sorghum arundinaceum Roemer & Schultes Poaceae
Spigelia anthelmia Linnaeus Loganiaceae
Stachytarpheta angustifolia Vahl Verbenaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta indica (Linnaeus) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Talinum triangulare (Jacquin) Willdenow Portulacaceae
Tridax procumbens Linnaeus Asteraceae
Utricularia inflexa Forsskal Lentibulariaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Greece

Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Biscutella didyma Linnaeus Brassicaceae
Brachiaria paspaloides (Presl) C.E. Hubbard Poaceae
Calendula arvensis Linnaeus Asteraceae
Carthamus lanatus Linnaeus Asteraceae
Centaurea depressa Bieberstein Asteraceae
Chenopodium ficifolium Smith Chenopodiaceae
Cirsium syriacum (Linnaeus) Gaertner Asteraceae
Coleostephus myconis (Linnaeus) Reichenbach Asteraceae
Ecballium elaterium (Linnaeus) A. Richard Cucurbitaceae
Eryngium campestre Linnaeus Apiaceae
Glinus oppositifolius (Linnaeus) A. de Candolle Aizoaceae
Glycyrrhiza echinata Linnaeus Fabaceae
Hirschfeldia incana (Lowe) Lagreze-Fossat Brassicaceae
Hypecoum grandiflorum Bentham Papaveraceae
Hypericum crispum Linnaeus Clusiaceae
Inula graveolens Desfontaines Asteraceae
Leontice leontopetalum Linnaeus Berberidaceae

Linaria triphylla (Linnaeus) Miller Scrophulariaceae
Lotus purpureus (Moench) Webb Fabaceae
Onopordum illyricum Linnaeus Asteraceae
Ridolfia segetum (Linnaeus) Moris Apiaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus supinus Linnaeus Cyperaceae
Sparganium erectum Linnaeus Sparganiaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae

Guatemala

Baltimora recta Linnaeus Asteraceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria laevis (Lamarck) Grisebach Rubiaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Mimosa pigra Linnaeus Fabaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Nymphaea lotus Linnaeus Nymphaeaceae
Pennisetum clandestinum Hochstetter Poaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Tridax procumbens Linnaeus Asteraceae

Guinea

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Bacopa erecta Hutchinson & Dalziel Scrophulariaceae
Borreria alata (Aublet) de Candolle Rubiaceae
Cleome rutidosperma de Candolle Capparaceae
Commelina benghalensis Linnaeus Commelinaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ischaemum rugosum Salisbury Poaceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Rottboellia exaltata Linnaeus Poaceae
Solanum torvum Swartz Solanaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae

Guyana

Cyperus distans Linnaeus f. Cyperaceae
Eleocharis mutata R. Brown Cyperaceae
Eriochloa procera (Retzius) C.E. Hubbard Poaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Ischaemum rugosum Salisbury Poaceae
Leptochloa scabra Nees Poaceae

Hawaii (a State of the United States)

Ageratina adenophora (Sprengel) R.M. King & H. Robinson Asteraceae
Ageratina riparia (Regel) R.M. King & H. Robinson Asteraceae

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Anredera cordifolia (Tenore) Steenis Basellaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria laevis (Lamarck) Grisebach Rubiaceae
Bothriochloa pertusa (Linnaeus) A. Camus Poaceae
Boussingaultia gracilis Miers Basellaceae
Brachiaria paspaloides (Presl) C.E. Hubbard Poaceae
Caesalpinia decapetala (Roth) Alston Fabaceae
Chamaecrista mimosoides (Linnaeus) Irwin & Barneby Fabaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Clerodendrum philippinum Schauert Verbenaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Commelina benghalensis Linnaeus Commelinaceae
Crotalaria saltiana H.C. Andrews Fabaceae
Cyperus javanicus Houttuyn Cyperaceae
Dichanthium annulatum (Forsskal) Stapf Poaceae
Digitaria debilis (Desfontaines) Willdenow Poaceae
Digitaria fuscescens (Presl) Henrard Poaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria microbachne (Presl) Henrard Poaceae
Digitaria timorensis (Kunth) Balansa Poaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Benth
 Scrophulariaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Echinochloa stagnina (Retzius) Palisot de Beauvois Poaceae
Emex australis Steinheil Polygonaceae
Emex spinosa (Linnaeus) Campdera Polygonaceae
Emilia fosbergii Nicolson Asteraceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis unioloides (Retzius) Nees ex Steudel Poaceae
Erechtites valerianaefolia de Candolle Asteraceae
Eriochloa procera (Retzius) C.E. Hubbard Poaceae
Euphorbia glomerifera (Millspaugh) Wheeler Euphorbiaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Hyptis pectinata (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Lolium rigidum Gaudin Poaceae
Melastoma malabathricum Linnaeus Melastomataceae
Melastoma sanguineum Sims Melastomataceae
Melinis minutiflora Palisot de Beauvois Poaceae
Merremia aegyptia (Linnaeus) Urban Convolvulaceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pudica Linnaeus Fabaceae

Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Myrica faya Dryander Myricaceae
Nymphaea caerulea Savignone Nymphaeaceae
Nymphaea lotus Linnaeus Nymphaeaceae
Opuntia megacantha Salm-Dyck Cactaceae
Ottocloa nodosa (Kunth) Dandy Poaceae
Oxalis debilis Humboldt, Bonpland, Kunth Oxalidaceae
Paederia foetida Linnaeus Rubiaceae
Panicum laevifolium Hackel Poaceae
Panicum spectabile Nees Poaceae
Paspalum commersonii Lamarck Poaceae
Passiflora suberosa Linnaeus Passifloraceae
Pennisetum clandestinum Hochstetter Poaceae
Phytolacca octandra Linnaeus Phytolaccaceae
Pluchea indica (Linnaeus) Lessing Asteraceae
Pseudechinolaena polystachya (Humboldt, Bonpland, Kunth) Stapf
 Poaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rhodomirtus tomentosa (W. Aiton) Hasskarl Myrtaceae
Rubus moluccanus Linnaeus Rosaceae
Rubus penetrans L.H. Bailey Rosaceae
Rubus ulmifolius Schott Rosaceae
Saccharum benghalense Retzius Poaceae
Saccharum spontaneum Linnaeus Poaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus juncooides Roxburgh var. *hotauri* (Ohwi) Ohwi Cyperaceae
Setaria barbata (Lamarck) Kunth Poaceae
Setaria palmifolia (Willdenow) Stapf Poaceae
Siegesbeckia orientalis Linnaeus Asteraceae
Solanum sodomium Linnaeus Solanaceae
Sporobolus diander (Retzius) Palisot de Beauvois Poaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Stachytarpheta urticaefolia (Salisbury) Sims Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Syzygium cumini (Linnaeus) Skeels Myrtaceae
Themeda arguens (Linnaeus) Hackel Poaceae
Thunbergia fragrans Roxburgh Acanthaceae
Tridax procumbens Linnaeus Asteraceae
Urochloa panicoides Palisot de Beauvois Poaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Hong Kong

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Commelina benghalensis Linnaeus Commelinaceae
Digitaria longiflora (Retzius) Persoon Poaceae

Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Benth
 Scrophulariaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Ipomoea aquatica Forsskal Convolvulaceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Paspalum scrobiculatum Linnaeus Poaceae
Rotala rotundifolia Koehne Lythraceae
Rottboellia exaltata Linnaeus Poaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus supinus Linnaeus Cyperaceae
Solanum torvum Swartz Solanaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Hungary

Alisma lanceolatum Withering Alismataceae
Chenopodium ficifolium Smith Chenopodiaceae
Glycyrrhiza echinata Linnaeus Fabaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Scirpus mucronatus Linnaeus Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Sparganium erectum Linnaeus Sparganiaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Iceland

Galeopsis speciosa Miller Lamiaceae

India

Acacia nilotica (Linnaeus) Delile Fabaceae
Acalypha ciliata Forsskal Euphorbiaceae
Acalypha indica Linnaeus Euphorbiaceae
Aeschynomene aspera Linnaeus Fabaceae
Allium nodiflora (Linnaeus) R. Brown ex Wight Liliaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Ammannia baccifera Linnaeus Lythraceae
Ammannia pentandra Roxburgh Lythraceae
Aponogeton natans (Linnaeus) Engler & Krause Aponogetonaceae
Aristolochia bracteata Retzius Aristolochiaceae
Arundinella benghalensis (Sprengel) Druce Poaceae
Arundinella leptochloa (Nees) J.D. Hooker Poaceae
Asphodelus fistulosus Linnaeus Liliaceae
Atylosia scarabaeoides (Linnaeus) Benth Fabaceae
Avena sterilis Linnaeus subsp. *ludoviciana* (Durieu) Nyman Poaceae

Bergia capensis Linnaeus Elatinaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria articularis (Linnaeus f.) F.N. Williams Rubiaceae
Borreria ocymoides (N.L. Burman) de Candolle Rubiaceae
Brachiaria deflexa (Schumacher) C.E. Hubbard Poaceae
Brachiaria erucaeformis (J.E. Smith) Grisebach Poaceae
Brachiaria lata (Schumacher) C.E. Hubbard Poaceae
Brachiaria milliformis (Presl) A. Chase Poaceae
Brachiaria paspaloides (Presl) C.E. Hubbard Poaceae
Calopogonium mucunoides Desvaux Fabaceae
Canscora decussata Schultes Gentianaceae
Carthamus oxyacantha Bieberstein Asteraceae
Centotheca lappacea (Linnaeus) Desvaux Poaceae
Chrozophora plicata (Vahl) A. Jussieu Euphorbiaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Cleome monophylla Linnaeus Capparaceae
Cleome viscosa Linnaeus Capparaceae
Commelina benghalensis Linnaeus Commelinaceae
Commelina salicifolia Roxburgh Commelinaceae
Corchorus aestuans Linnaeus Tiliaceae
Corchorus antichorus Raeuschel Tiliaceae
Corchorus capsularis Linnaeus Tiliaceae
Corchorus fascicularis Linnaeus Tiliaceae
Corchorus olitorius Linnaeus Tiliaceae
Corchorus trilocularis Linnaeus Tiliaceae
Crassocephalum crepidioides (Bentham) S. Moore Asteraceae
Cyanotis axillaris (Linnaeus) D. Don Commelinaceae
Cyanotis villosa J.H. Schultes Commelinaceae
Cyperus amabilis Vahl Cyperaceae
Cyperus exaltatus Retzius Cyperaceae
Cyperus flavidus Retzius Cyperaceae
Cyperus kyllingia Endlicher Cyperaceae
Cyrtococcum patens (Linnaeus) A. Camus Poaceae
Dentella repens (Linnaeus) J.R. & G. Forster Rubiaceae
Desmodium diffusum (Willdenow) de Candolle Fabaceae
Desmostachya bipinnata (Linnaeus) Stapf Poaceae
Dichanthium annulatum (Forsskal) Stapf Poaceae
Digera arvensis Forsskal Amaranthaceae
Digera muricata (Linnaeus) Martius Amaranthaceae
Digitaria fuscescens (Presl) Henrard Poaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria microbachne (Presl) Henrard Poaceae
Digitaria scalarum (Schweinfurth) Chiovenda Poaceae
Digitaria timorensis (Kunth) Balansa Poaceae
Diplachne fusca (Linnaeus) Palisot de Beauvois Poaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Bentham
 Scrophulariaceae

Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Echinochloa stagnina (Retzius) Palisot de Beauvois Poaceae
Eichhornia azurea (Swartz) Kunth Pontederiaceae
Eleocharis afflata Steudel Cyperaceae
Eleocharis chaetaria Roemer & Schultes Cyperaceae
Elephantopus scaber Linnaeus Asteraceae
Eleusine compressa (Forsskal) Ascherson & Schweinfurth Poaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis diarrhena (Schultes) Steudel Poaceae
Eragrostis ferruginea (Thunberg) Palisot de Beauvois Poaceae
Eragrostis japonica (Thunberg) Trinius Poaceae
Eragrostis tenuifolia Hochstetter Poaceae
Eragrostis tremula Hochstetter Poaceae
Eragrostis unioides (Retzius) Nees ex Steudel Poaceae
Eragrostis viscosa (Retzius) Trinius Poaceae
Eragrostis zeylanica Hackel Poaceae
Erechtites valerianaefolia de Candolle Asteraceae
Eriocaulon luzulaefolium Martius Eriocaulaceae
Eriocaulon quinquangulare Linnaeus Eriocaulaceae
Eriocaulon truncatum Buchanan-Hamilton ex Martius Eriocaulaceae
Eriochloa procera (Retzius) C.E. Hubbard Poaceae
Euphorbia dracunculoides Lamarck Euphorbiaceae
Euphorbia microphylla Heyne ex Roth Euphorbiaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Fimbristylis acuminata Vahl Cyperaceae
Fimbristylis aestivalis (Retzius) Vahl Cyperaceae
Fimbristylis ferruginea (Linnaeus) Vahl Cyperaceae
Fimbristylis globulosa (Retzius) Kunth Cyperaceae
Fimbristylis tetragona R. Brown Cyperaceae
Fuirena glomerata Lamarck Cyperaceae
Fumaria parviflora Lamarck Fumariaceae
Glinus oppositifolius (Linnaeus) A. de Candolle Aizoaceae
Gnaphalium indicum Linnaeus Asteraceae
Gomphrena celosioides Martius Amaranthaceae
Hedyotis herbacea Linnaeus Rubiaceae
Heliotropium ellipticum Ledebour Boraginaceae
Hibiscus ficulneus Linnaeus Malvaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hygrophila difformis (Linnaeus f.) Blume Acanthaceae
Hygrophila phlomoides Nees Acanthaceae
Hygrophila polysperma T. Anderson Acanthaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Indigofera glandulosa Willdenow Fabaceae
Indigofera hirsuta Linnaeus Fabaceae

Inula indica Linnaeus Asteraceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea pes-tigridis Linnaeus Convolvulaceae
Isachne globosa (Thunberg) O. Kuntze Poaceae
Isachne kunthiana (Wight & Arnott) Miquel Poaceae
Ischaemum aristatum Linnaeus Poaceae
Ischaemum rugosum Salisbury Poaceae
Ischaemum timorense Kunth Poaceae
Juncus prismatocarpus R. Brown Juncaceae
Justicia simplex D. Don Acanthaceae
Launaea asplenifolia J.D. Hooker Asteraceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Leucas lavandulaefolia J.E. Smith Lamiaceae
Leucas urticaefolia R. Brown Lamiaceae
Limnophila conferta Benth Scrophulariaceae
Limnophila gratioloides R. Brown Scrophulariaceae
Limnophila heterophylla Benth Scrophulariaceae
Limnophila micrantha Benth Scrophulariaceae
Limnophila sessiliflora (Vahl) Blume Scrophulariaceae
Lindernia ciliata (Colsmann) Pennell Scrophulariaceae
Lindernia crustacea (Linnaeus) F. v. Mueller Scrophulariaceae
Lindernia pedunculata (Benth) Wettstein Scrophulariaceae
Lochnera pusilla K. Schumacher Apocynaceae
Lolium rigidum Gaudin Poaceae
Ludwigia perennis Linnaeus Onagraceae
Macfadyena unguis-cati (Linnaeus) Gentry Bignoniaceae
Mecardonia dianthera (Swartz) Pennell Scrophulariaceae
Melastoma malabathricum Linnaeus Melastomataceae
Melilotus dentata (Waldstein & Kitaibel) Persoon Fabaceae
Melinis minutiflora Palisot de Beauvois Poaceae
Merremia emarginata (N.L. Burman) H. Hallier Convolvulaceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pudica Linnaeus Fabaceae
Mollugo pentaphylla Linnaeus Aizoaceae
Momordica tuberosa (Roxburgh) Cogniaux Cucurbitaceae
Monochoria hastata (Linnaeus) Solms Pontederiaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Myriophyllum indicum Willdenow Haloragaceae
Najas graminea Delile Najadaceae
Nechamandra alternifolia (Roxburgh ex Wight) Thwaites Hydrocharitaceae
Nymphaea lotus Linnaeus Nymphaeaceae
Nymphaea nouchali N.L. Burman Nymphaeaceae
Ocimum americanum Linnaeus Lamiaceae
Orobanche cernua Loeffling Orobanchaceae
Oryza rufipogon Griffith Poaceae

Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Ottochloa nodosa (Kunth) Dandy Poaceae
Oxalis pes-caprae Linnaeus Oxalidaceae
Panicum austroasiaticum Ohwi Poaceae
Panicum paludosum Roxburgh Poaceae
Panicum psilopodium Trinius Poaceae
Paspalum commersonii Lamarck Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Pennisetum pedicellatum Trinius Poaceae
Pennisetum polystachyon (Linnaeus) Schultes Poaceae
Phragmites karka (Retzius) Trinius Poaceae
Phyllanthus maderaspatensis Linnaeus Euphorbiaceae
Physalis minima Linnaeus Solanaceae
Pluchea lanceolata Oliver & Hiern Asteraceae
Polycarpon indicum (Retzius) Merrill Caryophyllaceae
Polygonum nepalense Meissner Polygonaceae
Polygonum plebeium R. Brown Polygonaceae
Portulaca quadrifida Linnaeus Portulacaceae
Potamogeton ochreatus Raoul Potamogetonaceae
Prosopis pallida (Humboldt & Bonpland ex Willdenow)
Humboldt, Bonpland, Kunth Fabaceae
Pseudechinolaena polystachya (Humboldt, Bonpland, Kunth)
Stapf Poaceae
Psoralea corylifolia Linnaeus Fabaceae
Pueraria phaseoloides (Roxburgh) Bentham Fabaceae
Pulicaria crispa Schultes-Biponius Asteraceae
Pupalia lappacea (Linnaeus) Jussieu Amaranthaceae
Rotala rotundifolia Koehne Lythraceae
Rottboellia exaltata Linnaeus Poaceae
Rubus moluccanus Linnaeus Rosaceae
Ruellia tuberosa Linnaeus Acanthaceae
Rumex acutus Linnaeus Polygonaceae
Rungia repens Nees Acanthaceae
Saccharum benghalense Retzius Poaceae
Saccharum spontaneum Linnaeus Poaceae
Sacciolepis interrupta (Willdenow) Stapf Poaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Schizachyrium brevifolium (Swartz) Nees ex Buse Poaceae
Scirpus articulatus Linnaeus Cyperaceae
Scirpus erectus Poiré Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Senna auriculata (Linnaeus) Irwin & Barneby Fabaceae
Sesbania cannabina (Retzius) Persoon Fabaceae
Setaria barbata (Lamarck) Kunth Poaceae
Setaria homonyma (Steudel) Chiovenda Poaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae

Setaria palmifolia (Willdenow) Stapf Poaceae
Setaria poiretiana (Schultes) Kunth Poaceae
Solanum xanthocarpum Schrader & Wendland Solanaceae
Sorghum verticilliflorum (Steudel) Stapf Poaceae
Sporobolus diander (Retzius) Palisot de Beauvois Poaceae
Sporobolus tremulus (Willdenow) Kunth Poaceae
Stachytarpheta indica (Linnaeus) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Stachytarpheta urticaefolia (Salisbury) Sims Verbenaceae
Striga asiatica (Linnaeus) O. Kuntze Scrophulariaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Syzygium cumini (Linnaeus) Skeels Myrtaceae
Tephrosia purpurea (Linnaeus) Persoon Fabaceae
Themeda arguens (Linnaeus) Hackel Poaceae
Trianthema monogyna Linnaeus Aizoaceae
Tridax procumbens Linnaeus Asteraceae
Trigonella polycerata Linnaeus Fabaceae
Urochloa panicoides Palisot de Beauvois Poaceae
Utricularia stellaris Linnaeus f. Lentibulariaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Vigna trilobata (Linnaeus) Verdcourt Fabaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae
Ziziphus nummularia (N.L. Burman) Wight & Arnott Rhamnaceae

Indonesia

Acalypha indica Linnaeus Euphorbiaceae
Aeschynomene aspera Linnaeus Fabaceae
Ageratina riparia (Regel) R.M. King & H. Robinson Asteraceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Ammannia baccifera Linnaeus Lythraceae
Atylosia scarabaeoides (Linnaeus) Bentham Fabaceae
Baltimora recta Linnaeus Asteraceae
Bergia capensis Linnaeus Elatinaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria alata (Aublet) de Candolle Rubiaceae
Borreria laevis (Lamarck) Grisebach Rubiaceae
Borreria ocymoides (N.L. Burman) de Candolle Rubiaceae
Bothriochloa pertusa (Linnaeus) A. Camus Poaceae
Brachiaria erucaeformis (J.E. Smith) Grisebach Poaceae
Brachiaria paspaloides (Presl) C.E. Hubbard Poaceae
Calopogonium mucunoides Desvaux Fabaceae
Centipeda minima (Linnaeus) A. Braun & Ascherson Asteraceae
Centotheca lappacea (Linnaeus) Desvaux Poaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Cleome viscosa Linnaeus Capparaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Commelina benghalensis Linnaeus Commelinaceae

Commelina salicifolia Roxburgh Commelinaceae
Corchorus aestuans Linnaeus Tiliaceae
Corchorus olitorius Linnaeus Tiliaceae
Corchorus trilocularis Linnaeus Tiliaceae
Crassocephalum crepidioides (Bentham) S. Moore Asteraceae
Croton hirtus L'Heritier Euphorbiaceae
Cyanotis axillaris (Linnaeus) D. Don Commelinaceae
Cyathula prostrata (Linnaeus) Blume Amaranthaceae
Dentella repens (Linnaeus) J.R. & G. Forster Rubiaceae
Dichrocephala bicolor (Roth) Schlechter Asteraceae
Dichrostachys cinerea (Linnaeus) Wight & Arnott Fabaceae
Digera muricata (Linnaeus) Martius Amaranthaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria microbachne (Presl) Henrard Poaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Bentham
 Scrophulariaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Echinochloa stagnina (Retzius) Palisot de Beauvois Poaceae
Elephantopus scaber Linnaeus Asteraceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis japonica (Thunberg) Trinius Poaceae
Eragrostis unioloides (Retzius) Nees ex Steudel Poaceae
Erechtites valerianaefolia de Candolle Asteraceae
Eriocaulon cinereum R. Brown Eriocaulaceae
Eriocaulon truncatum Buchanan-Hamilton ex Martius Eriocaulaceae
Eriochloa procera (Retzius) C.E. Hubbard Poaceae
Eupatorium pallescens de Candolle Asteraceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Fimbristylis ferruginea (Linnaeus) Vahl Cyperaceae
Fimbristylis globulosa (Retzius) Kunth Cyperaceae
Fimbristylis quinquangularis (Vahl) Kunth Cyperaceae
Flemingia strobilifera W.T. Aiton Fabaceae
Fuirena umbellata Rottboell Cyperaceae
Glinus oppositifolius (Linnaeus) A. de Candolle Aizoaceae
Gnaphalium indicum Linnaeus Asteraceae
Hedyotis auricularia Linnaeus Rubiaceae
Hedyotis herbacea Linnaeus Rubiaceae
Hemidiodia ocimifolia (Willdenow) K. Schumacher Rubiaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hymenachne amplexicaulis (Rudge) Nees Poaceae
Hyptis brevipes Poiteau Lamiaceae
Hyptis capitata Jacquin Lamiaceae
Hyptis pectinata (Linnaeus) Poiteau Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae

Indigofera glandulosa Willdenow Fabaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea pes-tigridis Linnaeus Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Isachne globosa (Thunberg) O. Kuntze Poaceae
Ischaemum aristatum Linnaeus Poaceae
Ischaemum rugosum Salisbury Poaceae
Ischaemum timorense Kunth Poaceae
Justicia simplex D. Don Acanthaceae
Lantana trifolia Linnaeus Verbenaceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Leucas lavandulaefolia J.E. Smith Lamiaceae
Limnocharis flava (Linnaeus) J. Buchanan Butomaceae
Lindernia angustifolia (Bentham) Wettstein Scrophulariaceae
Lindernia ciliata (Colsmann) Pennell Scrophulariaceae
Lindernia cordifolia (Colsmann) Merrill Scrophulariaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Lindernia ruelloides (Colsmann) Pennell Scrophulariaceae
Lobelia chinensis Loureiro Campanulaceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Ludwigia perennis Linnaeus Onagraceae
Ludwigia prostrata Roxburgh Onagraceae
Mazus pumilus (N.L. Burman) Steenis Scrophulariaceae
Melastoma malabathricum Linnaeus Melastomataceae
Merremia emarginata (N.L. Burman) H. Hallier Convolvulaceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pudica Linnaeus Fabaceae
Mollugo pentaphylla Linnaeus Aizoaceae
Monochoria hastata (Linnaeus) Solms Pontederiaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Najas graminea Delile Najadaceae
Nymphaea lotus Linnaeus Nymphaeaceae
Nymphaea nouchali N.L. Burman Nymphaeaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Ottochloa nodosa (Kunth) Dandy Poaceae
Paederia foetida Linnaeus Rubiaceae
Panicum luzonense Presl Poaceae
Paspalum commersonii Lamarck Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Pentapetes phoenicea Linnaeus Sterculiaceae
Phragmites karka (Retzius) Trinius Poaceae
Phyllanthus maderaspatensis Linnaeus Euphorbiaceae

Physalis minima Linnaeus Solanaceae
Pluchea indica (Linnaeus) Lessing Asteraceae
Polytrias amaura (Buse) O. Kuntze Poaceae
Portulaca quadrifida Linnaeus Portulacaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Pueraria phaseoloides (Roxburgh) Benth Fabaceae
Rotala indica (Willdenow) Koehne Lythraceae
Rottboellia exaltata Linnaeus Poaceae
Ruellia tuberosa Linnaeus Acanthaceae
Saccharum spontaneum Linnaeus Poaceae
Sacciolepis interrupta (Willdenow) Stapf Poaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus articulatus Linnaeus Cyperaceae
Scirpus erectus Poir. Cyperaceae
Scirpus grossus Linnaeus f. Cyperaceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Scirpus lateriflorus J.F. Gmelin Cyperaceae
Scirpus mucronatus Linnaeus Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Setaria barbata (Lamarck) Kunth Poaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Setaria palmifolia (Willdenow) Stapf Poaceae
Siegesbeckia orientalis Linnaeus Asteraceae
Solanum torvum Swartz Solanaceae
Sphaeranthus africanus Linnaeus Asteraceae
Spigelia anthelmia Linnaeus Loganiaceae
Sporobolus diander (Retzius) Palisot de Beauvois Poaceae
Sporobolus tremulus (Willdenow) Kunth Poaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta indica (Linnaeus) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Themeda arguens (Linnaeus) Hackel Poaceae
Tridax procumbens Linnaeus Asteraceae
Triumfetta rhomboidea Jacquin Tiliaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Vigna trilobata (Linnaeus) Vercourt Fabaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Iran

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Aristolochia maurorum Linnaeus Aristolochiaceae
Asphodelus fistulosus Linnaeus Liliaceae
Avena sterilis Linnaeus subsp. *ludoviciana* (Durieu) Nyman Poaceae
Bongardia chrysogonum (Linnaeus) Boissier Berberidaceae
Brachiaria erucaefomis (J.E. Smith) Grisebach Poaceae
Carthamus oxyacantha Bieberstein Asteraceae

Centaurea depressa Bieberstein Asteraceae
Cephalaria syriaca (Linnaeus) Schrader Dipsacaceae
Chenopodium ficifolium Smith Chenopodiaceae
Chrozophora tinctoria (Linnaeus) A. Jussieu Euphorbiaceae
Corchorus olitorius Linnaeus Tiliaceae
Cuscuta monogyna Vahl Cuscutaceae
Desmostachya bipinnata (Linnaeus) Stapf Poaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Diplotaxis eruroides (Linnaeus) de Candolle Brassicaceae
Gladiolus segetum Ker-Gawler Iridaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Najas graminea Delile Najadaceae
Nymphaea alba Linnaeus Nymphaeaceae
Orobanchae aegyptiaca Persoon Orobanchaceae
Prosopis farcta (Solander ex Russell) Macbride Fabaceae
Saccharum spontaneum Linnaeus Poaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Salsola vermiculata Linnaeus Chenopodiaceae
Scirpus mucronatus Linnaeus Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae

Iraq

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Asphodelus fistulosus Linnaeus Liliaceae
Biscutella didyma Linnaeus Brassicaceae
Carthamus oxyacantha Bieberstein Asteraceae
Cephalaria syriaca (Linnaeus) Schrader Dipsacaceae
Corchorus olitorius Linnaeus Tiliaceae
Desmostachya bipinnata (Linnaeus) Stapf Poaceae
Dichanthium annulatum (Forsskal) Stapf Poaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Diplotaxis eruroides (Linnaeus) de Candolle Brassicaceae
Eragrostis diarrhena (Schultes) Steudel Poaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Lolium rigidum Gaudin Poaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Nymphaea alba Linnaeus Nymphaeaceae
Scolymus maculatus Linnaeus Asteraceae
Vallisneria spiralis Linnaeus Hydrocharitaceae

Ireland

Heracleum mantegazzianum Sommier & Levier Apiaceae
Sparganium erectum Linnaeus Sparganiaceae
Teucrium scordium Linnaeus Lamiaceae

Israel

Alisma lanceolatum Witherinng Alismataceae

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Aristolochia maurorum Linnaeus Aristolochiaceae
Asphodelus fistulosus Linnaeus Liliaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Bongardia chrysogonum (Linnaeus) Boissier Berberidaceae
Brachiaria erucaeformis (J.E. Smith) Grisebach Poaceae
Calendula arvensis Linnaeus Asteraceae
Cephalaria syriaca (Linnaeus) Schrader Dipsacaceae
Chrozophora tinctoria (Linnaeus) A. Jussieu Euphorbiaceae
Cichorium pumilum Jacquin Asteraceae
Cirsium acarna (Linnaeus) Moench Asteraceae
Cirsium syriacum (Linnaeus) Gaertner Asteraceae
Convolvulus tricolor Linnaeus Convolvulaceae
Corchorus olitorius Linnaeus Tiliaceae
Corchorus trilocularis Linnaeus Tiliaceae
Digera muricata (Linnaeus) Martius Amaranthaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Dinebra retroflexa (Vahl) Panzer Poaceae
Diploaxis erucoides (Linnaeus) de Candolle Brassicaceae
Ecballium elaterium (Linnaeus) A. Richard Cucurbitaceae
Emex spinosa (Linnaeus) Campdera Polygonaceae
Erucaria aleppica Gaertner Brassicaceae
Euphorbia aegyptiaca Boissier Euphorbiaceae
Euphorbia allepica Linnaeus Euphorbiaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Euphorbia terracina Linnaeus Euphorbiaceae
Fumaria agraria Lagasca y Segura Fumariaceae
Fumaria capreolata Linnaeus Fumariaceae
Fumaria densiflora de Candolle Fumariaceae
Fumaria parviflora Lamarck Fumariaceae
Galium spurium Linnaeus Rubiaceae
Geranium tuberosum Linnaeus Geraniaceae
Gladiolus segetum Ker-Gawler Iridaceae
Glycyrrhiza echinata Linnaeus Fabaceae
Hirschfeldia incana (Lowe) Lagreze-Fossat Brassicaceae
Hypecoum grandiflorum Benthams Papaveraceae
Hypericum crispum Linnaeus Clusiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Inula graveolens Desfontaines Asteraceae
Lepidium chalepense Linnaeus Brassicaceae
Lolium rigidum Gaudin Poaceae
Medicago intertexta (L.) Miller var. *ciliaris* (Linnaeus) Heyn Fabaceae
Misopates orontium (Linnaeus) Rafinesque Scrophulariaceae
Molucella laevis Linnaeus Lamiaceae
Nymphaea alba Linnaeus Nymphaeaceae
Nymphaea caerulea Savignone Nymphaeaceae

Oldenlandia capensis Linnaeus f. Rubiaceae
Papaver hybridum Linnaeus Papaveraceae
Pennisetum clandestinum Hochstetter Poaceae
Potamogeton lucens Linnaeus Potamogetonaceae
Potamogeton ochreatus Raoul Potamogetonaceae
Prosopis farcta (Solander ex Russell) Macbride Fabaceae
Pulicaria crispa Schultes-Biponius Asteraceae
Ridolfia segetum (Linnaeus) Moris Apiaceae
Rumex bucephalophorus Linnaeus Polygonaceae
Salsola vermiculata Linnaeus Chenopodiaceae
Scirpus supinus Linnaeus Cyperaceae
Scolymus hispanicus Linnaeus Asteraceae
Scolymus maculatus Linnaeus Asteraceae
Scorpiurus muricatus Linnaeus Fabaceae
Silene rubella Linnaeus Caryophyllaceae
Tordylium aegyptiacum (Linnaeus) Lamarck Apiaceae
Trianthema pentandra Linnaeus Aizoaceae

Italy

Alisma lanceolatum Witherinng Alismataceae
Asphodelus fistulosus Linnaeus Liliaceae
Biscutella didyma Linnaeus Brassicaceae
Chenopodium ficifolium Smith Chenopodiaceae
Cirsium syriacum (Linnaeus) Gaertner Asteraceae
Coleostephus myconis (Linnaeus) Reichenbach Asteraceae
Cuscuta australis R. Brown Cuscutaceae
Diplotaxis eruroides (Linnaeus) de Candolle Brassicaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Gladiolus segetum Ker-Gawler Iridaceae
Glycyrrhiza echinata Linnaeus Fabaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Inula graveolens Desfontaines Asteraceae
Linaria triphylla (Linnaeus) Miller Scrophulariaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Lotus purpureus (Moench) Webb Fabaceae
Najas graminea Delile Najadaceae
Nymphaea alba Linnaeus Nymphaeaceae
Onopordum illyricum Linnaeus Asteraceae
Orobanche aegyptiaca Persoon Orobanchaceae
Orobanche cernua Loeffling Orobanchaceae
Panicum erectum Pollacci Poaceae
Ridolfia segetum (Linnaeus) Moris Apiaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus mucronatus Linnaeus Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Silene rubella Linnaeus Caryophyllaceae
Sparganium erectum Linnaeus Sparganiaceae
Thesium humile Vahl Santalaceae

Vallisneria spiralis Linnaeus Hydrocharitaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Ivory Coast

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Boerhavia diffusa Linnaeus Nyctagiriaceae
Borreria alata (Aublet) de Candolle Rubiaceae
Borreria verticillata (Linnaeus) G.F.W. Meyer Rubiaceae
Brachiaria deflexa (Schumacher) C.E. Hubbard Poaceae
Brachiaria lata (Schumacher) C.E. Hubbard Poaceae
Celosia trigyna Linnaeus Amaranthaceae
Chamaecrista mimosoides (Linnaeus) Irwin & Barneby Fabaceae
Cleome rutidosperma de Candolle Capparaceae
Commelina benghalensis Linnaeus Commelinaceae
Corchorus olitorius Linnaeus Tiliaceae
Croton lobatus Linnaeus Euphorbiaceae
Digitaria microbachne (Presl) Henrard Poaceae
Digitaria velutina (Forsskal) Palisot de Beauvois Poaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis tremula Hochstetter Poaceae
Erigeron floribundus (Humboldt, Bonpland, Kunth) Schultes-Biponius
Asteraceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Hedyotis herbacea Linnaeus Rubiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Mariscus umbellatus Vahl Cyperaceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mitracarpum scabrum Zuccarini Rubiaceae
Mollugo nudicaulis Lamarck Aizoaceae
Oryza longistaminata A. Chevalier & Roehrich Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Pennisetum polystachyon (Linnaeus) Schultes Poaceae
Physalis minima Linnaeus Solanaceae
Portulaca quadrifida Linnaeus Portulacaceae
Rottboellia exaltata Linnaeus Poaceae
Schwenkia americana Linnaeus Solanaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Solanum torvum Swartz Solanaceae
Stachytarpheta angustifolia (Vahl) Verbenaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Jamaica

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae

Andropogon condensatus Humboldt, Bonpland, Kunth Poaceae
Blechum pyramidatum (Lamarck) Urban Acanthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria laevis (Lamarck) Grisebach Rubiaceae
Borreria verticillata (Linnaeus) G.F.W. Meyer Rubiaceae
Bothriochloa pertusa (Linnaeus) A. Camus Poaceae
Cleome rutidosperma de Candolle Capparaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Corchorus olitorius Linnaeus Tiliaceae
Desmodium procumbens Hitchcock Fabaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
Caryophyllaceae
Emilia fosbergii Nicolson Asteraceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Flemingia strobilifera W.T. Aiton Fabaceae
Hyptis capitata Jacquin Lamiaceae
Hyptis pectinata (Linnaeus) Poiteau Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Ipomoea tiliacea (Willdenow) Choisy Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Ischaemum rugosum Salisbury Poaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Mazus pumilus (N.L. Burman) Steenis Scrophulariaceae
Merremia quinquefolia (Linnaeus) H. Hallier Convolvulaceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa pudica Linnaeus Fabaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Nymphaea alba Linnaeus Nymphaeaceae
Pennisetum clandestinum Hochstetter Poaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rottboellia exaltata Linnaeus Poaceae
Ruellia tuberosa Linnaeus Acanthaceae
Setaria barbata (Lamarck) Kunth Poaceae
Setaria palmifolia (Willdenow) Stapf Poaceae
Solanum torvum Swartz Solanaceae
Sorghum verticilliflorum (Steudel) Stapf Poaceae
Spigelia anthelmia Linnaeus Loganiaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta indica (Linnaeus) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Themeda arguens (Linnaeus) Hackel Poaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Wedelia trilobata (Linnaeus) Hitchcock Asteraceae

Japan

Acalypha australis Linnaeus Euphorbiaceae
Agropyron kamoji Ohwi Poaceae
Agropyron semicostatum (Steudel) Nees Poaceae
Allium macrostemon Bunge Liliaceae
Alternanthera nodiflora R. Brown Amaranthaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Ammannia baccifera Linnaeus Lythraceae
Artemisia princeps Pampanini Asteraceae
Blyxa japonica (Miquel) Maximowicz Hydrocharitaceae
Bothriospermum tenellum (Hornemann) Fischer & Meyer Boraginaceae
Calystegia japonica Choisy Convolvulaceae
Centipeda minima (Linnaeus) A. Braun & Ascherson Asteraceae
Chenopodium ficifolium Smith Chenopodiaceae
Commelina benghalensis Linnaeus Commelinaceae
Cyperus hakonensis Franchet & Savatier Cyperaceae
Cyperus microiria Steudel Cyperaceae
Cyperus pilosus Vahl Cyperaceae
Digitaria timorensis (Kunth) Balansa Poaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Bentham
 Scrophulariaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Echinochloa oryzoides (Arduino) Fritsch Poaceae
Eleocharis kuroquwai Ohwi Cyperaceae
Eleocharis tuberosa Schultes Cyperaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis ferruginea (Thunberg) Palisot de Beauvois Poaceae
Erigeron floribundus (Humboldt, Bonpland, Kunth) Schultes-Biponius
 Asteraceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Glinus oppositifolius (Linnaeus) A. de Candolle Aizoaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Isachne globosa (Thunberg) O. Kuntze Poaceae
Juncus leschenaultii J. Gay ex Laharpe Juncaceae
Lapsana apogonoides Maximowicz Asteraceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Limnophila angustifolia (Vahl) Blume Scrophulariaceae
Lindernia angustifolia (Bentham) Wettstein Scrophulariaceae
Lindernia crustacea (Linnaeus) F. v. Mueller Scrophulariaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Lobelia chinensis Loureiro Campanulaceae
Ludwigia prostrata Roxburgh Onagraceae
Mazus pumilus (N.L. Burman) Steenis Scrophulariaceae
Mollugo pentaphylla Linnaeus Aizoaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Murdannia japonica (Thunberg) Faden Commelinaceae

Murdannia keisak (Hasskarl) Handel-Mazzetti Commelinaceae
Najas graminea Delile Najadaceae
Oenanthe javanica (Blume) de Candolle Apiaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Oxalis purpurata Jacquin Oxalidaceae
Paspalum scrobiculatum Linnaeus Poaceae
Pennisetum japonicum Trinius Poaceae
Pinellia ternata (Thunberg) Breitenbach Araceae
Poa sphondylodes Trinius Poaceae
Polygonum nepalense Meissner Polygonaceae
Polygonum senticosum (Meissner) Franchet & Savatier Polygonaceae
Polygonum thunbergii Siebold & Zuccarini Polygonaceae
Potamogeton distinctus A. Bennett Potamogetonaceae
Rorippa indica (Linnaeus) Hiern Brassicaceae
Rotala indica (Willdenow) Koehne Lythraceae
Rotala mexicana Chamisso & Schlechter Lythraceae
Rumex japonicus Meissner Polygonaceae
Saccharum spontaneum Linnaeus Poaceae
Sagina japonica (Swartz) Ohwi Caryophyllaceae
Sagittaria aginashi Makino Alismataceae
Sagittaria pygmaea Miquel Alismataceae
Sagittaria sagittifolia Linnaeus Alismataceae
Sagittaria trifolia Linnaeus Alismataceae
Saussurea lyrata (Blume) Franchet Asteraceae
Scirpus juncooides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Scirpus juncooides Roxburgh var. *juncooides* Cyperaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae

Jordan

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Aristolochia maurorum Linnaeus Aristolochiaceae
Asphodelus fistulosus Linnaeus Liliaceae
Bongardia chrysogonum (Linnaeus) Boissier Berberidaceae
Calendula arvensis Linnaeus Asteraceae
Cephalaria syriaca (Linnaeus) Schrader Dipsacaceae
Cirsium syriacum (Linnaeus) Gaertner Asteraceae
Corchorus olitorius Linnaeus Tiliaceae
Diplotaxis eruroides (Linnaeus) de Candolle Brassicaceae
Ecballium elaterium (Linnaeus) A. Richard Cucurbitaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Leontice leontopetalum Linnaeus Berberidaceae
Muscari comosum (Linnaeus) Miller Liliaceae
Najas graminea Delile Najadaceae
Nymphaea alba Linnaeus Nymphaeaceae
Nymphaea caerulea Savignone Nymphaeaceae
Nymphaea nouchali N.L. Burman Nymphaeaceae

Orobanche aegyptiaca Persoon Orobanchaceae
Prosopis farcta (Solander ex Russell) Macbride Fabaceae
Saccharum spontaneum Linnaeus Poaceae
Scirpus supinus Linnaeus Cyperaceae
Tordylium aegyptiacum (Linnaeus) Lamarck Apiaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Kenya

Acacia drepanolobium (Harms) Sjoestedt Fabaceae
Acacia gerrardii Bentham Fabaceae
Acacia hockii de Wildemann Fabaceae
Acacia nilotica (Linnaeus) Delile Fabaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Amaranthus thunbergii Moquin-Tandon Amaranthaceae
Anredera cordifolia (Tenore) Steenis Basellaceae
Asystasia schimperi T. Anderson Acanthaceae
Avena sterilis Linnaeus subsp. *ludoviciana* (Durieu) Nyman Poaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria princeae K. Schumacher Rubiaceae
Brachiaria deflexa (Schumacher) C.E. Hubbard Poaceae
Caesalpinia decapetala (Roth) Alston Fabaceae
Chenopodium fasciculosum Aellen Chenopodiaceae
Cleome monophylla Linnaeus Capparaceae
Commelina africana Linnaeus Commelinaceae
Commelina benghalensis Linnaeus Commelinaceae
Commelina latifolia Hochstetter ex A. Richard Commelinaceae
Commelina subulata Roth Commelinaceae
Corchorus olitorius Linnaeus Tiliaceae
Cotula anthemoides Linnaeus Asteraceae
Cyathula cylindrica Moquin-Tandon Amaranthaceae
Cyathula prostrata (Linnaeus) Blume Amaranthaceae
Cynoglossum coeruleum Hochstetter ex de Candolle Boraginaceae
Cyperus rigidifolius Steudel Cyperaceae
Dichrostachys cinerea (Linnaeus) Wight & Arnott Fabaceae
Digitaria scalarum (Schweinfurth) Chiovenda Poaceae
Digitaria ternata (A. Richard) Stapf Poaceae
Digitaria velutina (Forsskal) Palisot de Beauvois Poaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Eleusine africana Kennedy-O'Byrne Poaceae
Emex australis Steinheil Polygonaceae
Emex spinosa (Linnaeus) Campdera Polygonaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis aethiopica Chiovenda Poaceae
Eragrostis tenuifolia Hochstetter Poaceae
Erigeron floribundus (Humboldt, Bonpland, Kunth) Schultes-Biponius
 Asteraceae

Euclea divinorum Hiern Ebenaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Galium spurium Linnaeus Rubiaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Lactuca capensis Thunberg Asteraceae
Lactuca taraxacifolia Schumacher & Thonning Asteraceae
Lantana trifolia Linnaeus Verbenaceae
Leucas martinicensis R. Brown Lamiaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Nymphaea caerulea Savignone Nymphaeaceae
Oryza barthii A. Chevalier Poaceae
Oxalis purpurata Jacquin Oxalidaceae
Oxalis semiloba Sonder Oxalidaceae
Oxygonum atriplicifolium (Meissner) Martius Polygonaceae
Oxygonum sinuatum (Meissner) Dammer Polygonaceae
Panicum trichocladum Hackel ex Schumacher Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Physalis minima Linnaeus Solanaceae
Polygonum nepalense Meissner Polygonaceae
Portulaca quadrifida Linnaeus Portulacaceae
Rottboellia exaltata Linnaeus Poaceae
Rumex abyssinicus Jacquin Polygonaceae
Rumex angiocarpus Murbeck Polygonaceae
Rumex bequaerti De Wildemann Polygonaceae
Schkuhria pinnata (Lamarck) O. Kuntze Asteraceae
Senecio moorei R.E. Fries Asteraceae
Setaria acromelaena (Hochstetter) Durand & Schinz Poaceae
Setaria homonyma (Steudel) Chiovenda Poaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Snowdenia polystachya (Fresenius) Pilger Poaceae
Solanum grossedentatum A. Richard Solanaceae
Sonchus exauriculatus (Oliver & Hiern) O. Hoffmann Asteraceae
Sorghum verticilliflorum (Steudel) Stapf Poaceae
Sphaeranthus bullatus Mattfeld Asteraceae
Tarchonanthus camphoratus Linnaeus Asteraceae
Trichodesma zeylanicum R. Brown Boraginaceae
Tridax procumbens Linnaeus Asteraceae
Triumfetta rhomboidea Jacquin Tiliaceae
Urochloa panicoides Palisot de Beauvois Poaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Korea

Acalypha australis Linnaeus Euphorbiaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Centipeda minima (Linnaeus) A. Braun & Ascherson Asteraceae
Chenopodium ficifolium Smith Chenopodiaceae

Cyperus microiria Steudel Cyperaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Benth
 Scrophulariaceae
Eleocharis kuroquwai Ohwi Cyperaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Juncus leschenaultii J. Gay ex Laharpe Juncaceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Limnophila sessiliflora (Vahl) Blume Scrophulariaceae
Lindernia angustifolia (Benth) Wettstein Scrophulariaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Mollugo pentaphylla Linnaeus Aizoaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Murdannia japonica (Thunberg) Faden Commelinaceae
Najas graminea Delile Najadaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Paspalum scrobiculatum Linnaeus Poaceae
Phragmites karka (Retzius) Trinius Poaceae
Potamogeton distinctus A. Bennett Potamogetonaceae
Potamogeton ochreatus Raoul Potamogetonaceae
Rotala indica (Willdenow) Koehne Lythraceae
Sagittaria chilensis Chamisso & Schlechter Alismataceae
Sagittaria sagittifolia Linnaeus Alismataceae
Sagittaria trifolia Linnaeus Alismataceae
Scirpus erectus Poiret Cyperaceae
Scirpus mucronatus Linnaeus Cyperaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Lebanon

Aristolochia maurorum Linnaeus Aristolochiaceae
Asphodelus fistulosus Linnaeus Liliaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Biscutella didyma Linnaeus Brassicaceae
Bongardia chrysogonum (Linnaeus) Boissier Berberidaceae
Brachiaria erucaeformis (J.E. Smith) Grisebach Poaceae
Carthamus flavesceus Willdenow Asteraceae
Cephalaria syriaca (Linnaeus) Schrader Dipsacaceae
Chrozophora tinctoria (Linnaeus) A. Jussieu Euphorbiaceae
Cichorium pumilum Jacquin Asteraceae
Cirsium acarna (Linnaeus) Moench Asteraceae
Cirsium syriacum (Linnaeus) Gaertner Asteraceae
Diplotaxis erucoides (Linnaeus) de Candolle Brassicaceae
Ecballium elaterium (Linnaeus) A. Richard Cucurbitaceae
Euphorbia allepica Linnaeus Euphorbiaceae
Euphorbia gaillardotii Boissier & Blanche Euphorbiaceae
Fumaria densiflora de Candolle Fumariaceae
Fumaria micrantha Lagasca y Segura Fumariaceae

Fumaria parviflora Lamarck Fumariaceae
Geranium tuberosum Linnaeus Geraniaceae
Gladiolus segetum Ker-Gawler Iridaceae
Heliotropium bovei Boissier Boraginaceae
Hirschfeldia incana (Lowe) Lagreze-Fossat Brassicaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hypericum crispum Linnaeus Clusiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Leontice leontopetalum Linnaeus Berberidaceae
Lepidium chalepense Linnaeus Brassicaceae
Lolium rigidum Gaudin Poaceae
Molucella laevis Linnaeus Lamiaceae
Muscari comosum (Linnaeus) Miller Liliaceae
Ononis spinosa Linnaeus Fabaceae
Ridolfia segetum (Linnaeus) Moris Apiaceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Scolymus hispanicus Linnaeus Asteraceae
Scolymus maculatus Linnaeus Asteraceae
Tordylium aegyptiacum (Linnaeus) Lamarck Apiaceae

Liberia

Borreria alata (Aublet) de Candolle Rubiaceae
Cleome ruidosperma de Candolle Capparaceae
Corchorus olitorius Linnaeus Tiliaceae
Gladiolus byzantinus Miller Iridaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ischaemum rugosum Salisbury Poaceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Solanum torvum Swartz Solanaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae

Madagascar

Cleome viscosa Linnaeus Capparaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Commelina benghalensis Linnaeus Commelinaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Echinochloa stagnina (Retzius) Palisot de Beauvois Poaceae
Eleocharis dulcis (N.L. Burman) Henschel Cyperaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ischaemum rugosum Salisbury Poaceae
Mimosa pigra Linnaeus Fabaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Oryza perennis Moench Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Rottboellia exaltata Linnaeus Poaceae
Rubus moluccanus Linnaeus Rosaceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Sphaeranthus africanus Linnaeus Asteraceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Malaysia

<i>Acalypha fallax</i>	Mueller-Aargau	Euphorbiaceae
<i>Alternanthera sessilis</i>	(Linnaeus) de Candolle	Amaranthaceae
<i>Asphodelus fistulosus</i>	Linnaeus	Liliaceae
<i>Boerhavia diffusa</i>	Linnaeus	Nyctaginaceae
<i>Borreria alata</i>	(Aublet) de Candolle	Rubiaceae
<i>Brachiaria milliiformis</i>	(Presl) A. Chase	Poaceae
<i>Brachiaria paspaloides</i>	(Presl) C.E. Hubbard	Poaceae
<i>Calopogonium mucunoides</i>	Desvaux	Fabaceae
<i>Centotheca lappacea</i>	(Linnaeus) Desvaux	Poaceae
<i>Chrysopogon aciculatus</i>	(Retzius) Trinius	Poaceae
<i>Cleome burmannii</i>	Wight & Arnott	Capparaceae
<i>Cleome rutidosperma</i>	de Candolle	Capparaceae
<i>Cleome viscosa</i>	Linnaeus	Capparaceae
<i>Clidemia hirta</i>	(Linnaeus) D. Don	Melastomataceae
<i>Commelina benghalensis</i>	Linnaeus	Commelinaceae
<i>Croton hirtus</i>	L'Heritier	Euphorbiaceae
<i>Cyperus pilosus</i>	Vahl	Cyperaceae
<i>Cyperus zollingeri</i>	Steudel	Cyperaceae
<i>Digitaria fuscescens</i>	(Presl) Henrard	Poaceae
<i>Digitaria longiflora</i>	(Retzius) Persoon	Poaceae
<i>Eleocharis chaetaria</i>	Roemer & Schultes	Cyperaceae
<i>Elephantopus scaber</i>	Linnaeus	Asteraceae
<i>Emilia sonchifolia</i>	(Linnaeus) de Candolle ex Wight	Asteraceae
<i>Eragrostis malayana</i>	Stapf	Poaceae
<i>Eragrostis uniolooides</i>	(Retzius) Nees ex Steudel	Poaceae
<i>Eragrostis viscosa</i>	(Retzius) Trinius	Poaceae
<i>Erechtites valerianaefolia</i>	de Candolle	Asteraceae
<i>Eriochloa procera</i>	(Retzius) C.E. Hubbard	Poaceae
<i>Fimbristylis globulosa</i>	(Retzius) Kunth	Cyperaceae
<i>Fuirena umbellata</i>	Rottboell	Cyperaceae
<i>Hygrophila polysperma</i>	T. Anderson	Acanthaceae
<i>Hyptis brevipes</i>	Poiteau	Lamiaceae
<i>Hyptis suaveolens</i>	(Linnaeus) Poiteau	Lamiaceae
<i>Imperata cylindrica</i>	(Linnaeus) Palisot de Beauvois	Poaceae
<i>Ipomoea aquatica</i>	Forsskal	Convolvulaceae
<i>Isachne globosa</i>	(Thunberg) O. Kuntze	Poaceae
<i>Ischaemum aristatum</i>	Linnaeus	Poaceae
<i>Ischaemum muticum</i>	Linnaeus	Poaceae
<i>Ischaemum rugosum</i>	Salisbury	Poaceae
<i>Ischaemum timorense</i>	Kunth	Poaceae
<i>Leptochloa chinensis</i>	(Linnaeus) Nees	Poaceae
<i>Leptochloa panicea</i>	(Retzius) Ohwi	Poaceae
<i>Limnocharis flava</i>	(Linnaeus) J. Buchanan	Butomaceae
<i>Ludwigia hyssopifolia</i>	(G. Don) Exell	Onagraceae
<i>Macaranga triloba</i>	(Reinwardt ex Blume) Mueller-Aargau	Euphorbiaceae
<i>Melastoma malabathricum</i>	Linnaeus	Melastomataceae
<i>Mikania congesta</i>	de Candolle	Asteraceae

Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pudica Linnaeus Fabaceae
Mollugo pentaphylla Linnaeus Aizoaceae
Monochoria hastata (Linnaeus) Solms Pontederiaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Nymphaea nouchali N.L. Burman Nymphaeaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Ottochloa nodosa (Kunth) Dandy Poaceae
Paspalum commersonii Lamarck Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Pennisetum pedicellatum Trinius Poaceae
Pueraria phaseoloides (Roxburgh) Bentham Fabaceae
Rhodomyrtus tomentosa (W. Aiton) Hasskarl Myrtaceae
Rottboellia exaltata Linnaeus Poaceae
Saccharum spontaneum Linnaeus Poaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus grossus Linnaeus f. Cyperaceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Scirpus lateriflorus J.F. Gmelin Cyperaceae
Scirpus mucronatus Linnaeus Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Scleria sumatrensis Retzius Cyperaceae
Solanum torvum Swartz Solanaceae
Sporobolus diander (Retzius) Palisot de Beauvois Poaceae
Stachytarpheta indica (Linnaeus) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Themeda arguens (Linnaeus) Hackel Poaceae
Tridax procumbens Linnaeus Asteraceae
Utricularia aurea Loureiro Lentibulariaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Mali

Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Oryza longistaminata A. Chevalier & Roehrich Poaceae

Mauritius

Acalypha indica Linnaeus Euphorbiaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Bothriospermum tenellum (Hornemann) Fischer & Meyer Boraginaceae
Brachiaria erucaeformis (J.E. Smith) Grisebach Poaceae
Brachiaria paspaloides (Presl) C.E. Hubbard Poaceae
Chamaecrista mimosoides (Linnaeus) Irwin & Barneby Fabaceae
Cleome viscosa Linnaeus Capparaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Commelina benghalensis Linnaeus Commelinaceae
Dichanthium annulatum (Forsskal) Stapf Poaceae

Dichrocephala bicolor (Roth) Schlechter Asteraceae
Digitaria microbachne (Presl) Henrard Poaceae
Digitaria timorensis (Kunth) Balansa Poaceae
Elephantopus scaber Linnaeus Asteraceae
Emex spinosa (Linnaeus) Campdera Polygonaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Gnaphalium indicum Linnaeus Asteraceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ischaemum aristatum Linnaeus Poaceae
Kyllinga polyphylla Thouars ex Link Cyperaceae
Lobelia cliffortiana Linnaeus Campanulaceae
Macfadyena unguis-cati (Linnaeus) Gentry Bignoniaceae
Melastoma malabathricum Linnaeus Melastomataceae
Melilotus dentata (Waldstein & Kitaibel) Persoon Fabaceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pigra Linnaeus Fabaceae
Mimosa pudica Linnaeus Fabaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Oxalis debilis Humboldt, Bonpland, Kunth Oxalidaceae
Paederia foetida Linnaeus Rubiaceae
Paspalum commersonii Lamarck Poaceae
Paspalum paniculatum Linnaeus Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Passiflora suberosa Linnaeus Passifloraceae
Pennisetum clandestinum Hochstetter Poaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rubus moluccanus Linnaeus Rosaceae
Ruellia tuberosa Linnaeus Acanthaceae
Saccharum spontaneum Linnaeus Poaceae
Setaria barbata (Lamarck) Kunth Poaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Siegesbeckia orientalis Linnaeus Asteraceae
Solanum torvum Swartz Solanaceae
Sorghum verticilliflorum (Steudel) Stapf Poaceae
Stachytarpheta indica (Linnaeus) Vahl Verbenaceae
Striga asiatica (Linnaeus) O. Kuntze Scrophulariaceae
Thunbergia fragrans Roxburgh Acanthaceae
Trichodesma zeylanicum R. Brown Boraginaceae
Tridax procumbens Linnaeus Asteraceae
Urochloa panicoides Palisot de Beauvois Poaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Melanesia

<i>Boerhavia diffusa</i>	Linnaeus	Nyctaginaceae	
<i>Chrysopogon aciculatus</i>	(Retzius) Trinius	Poaceae	
<i>Clidemia hirta</i>	(Linnaeus) D. Don	Melastomataceae	
<i>Drymaria cordata</i>	(Linnaeus) Willdenow ex Roemer & Schultes		
	Caryophyllaceae		
<i>Emilia sonchifolia</i>	(Linnaeus) de Candolle ex Wight	Asteraceae	
<i>Euphorbia prunifolia</i>	Jacquin	Euphorbiaceae	
<i>Flemingia strobilifera</i>	W.T. Aiton	Fabaceae	
<i>Hyptis suaveolens</i>	(Linnaeus) Poiteau	Lamiaceae	
<i>Imperata cylindrica</i>	(Linnaeus) Palisot de Beauvois	Poaceae	
<i>Ipomoea aquatica</i>	Forsskal	Convolvulaceae	
<i>Ischaemum rugosum</i>	Salisbury	Poaceae	
<i>Melastoma malabathricum</i>	Linnaeus	Melastomataceae	
<i>Mikania micrantha</i>	Humboldt, Bonpland, Kunth	Asteraceae	
<i>Mimosa invisa</i>	Martius ex Colla	Fabaceae	
<i>Mimosa pudica</i>	Linnaeus	Fabaceae	
<i>Najas graminea</i>	Delile	Najadaceae	
<i>Nymphaea lotus</i>	Linnaeus	Nymphaeaceae	
<i>Ocimum gratissimum</i>	Linnaeus	Lamiaceae	
<i>Paspalum scrobiculatum</i>	Linnaeus	Poaceae	
<i>Passiflora suberosa</i>	Linnaeus	Passifloraceae	
<i>Pennisetum polystachyon</i>	(Linnaeus) Schultes	Poaceae	
<i>Pseudelephantopus spicatus</i>	(Jussieu ex Aublet) C.F. Baker	Asteraceae	
<i>Rottboellia exaltata</i>	Linnaeus	Poaceae	
<i>Saccharum spontaneum</i>	Linnaeus	Poaceae	
<i>Scirpus mucronatus</i>	Linnaeus	Cyperaceae	
<i>Solanum torvum</i>	Swartz	Solanaceae	
<i>Stachytarpheta cayennensis</i>	(L.C. Richard) Vahl	Verbenaceae	
<i>Stachytarpheta jamaicensis</i>	(Linnaeus) Vahl	Verbenaceae	
<i>Stachytarpheta urticaefolia</i>	(Salisbury) Sims	Verbenaceae	
<i>Synedrella nodiflora</i>	(Linnaeus) Gaertner	Asteraceae	
<i>Tridax procumbens</i>	Linnaeus	Asteraceae	
<i>Triumfetta rhomboidea</i>	Jacquin	Tiliaceae	
<i>Vallisneria spiralis</i>	Linnaeus	Hydrocharitaceae	
<i>Vernonia cinerea</i>	(Linnaeus) Lessing	Asteraceae	

Mexico

<i>Acalypha alopecuroides</i>	Jacquin	Euphorbiaceae	
<i>Baltimora recta</i>	Linnaeus	Asteraceae	
<i>Boerhavia diffusa</i>	Linnaeus	Nyctaginaceae	
<i>Borreria alata</i>	(Aublet) de Candolle	Rubiaceae	
<i>Borreria ocymoides</i>	(N.L. Burman) de Candolle	Rubiaceae	
<i>Borreria verticillata</i>	(Linnaeus) G.F.W. Meyer	Rubiaceae	
<i>Coccoloba acapulcensis</i>	Standley	Polygonaceae	
<i>Coccoloba schiedeana</i>	Lindau	Polygonaceae	
<i>Cordia boissieri</i>	A. de Candolle	Boraginaceae	
<i>Cuphea wrightii</i>	A. Gray	Lythraceae	
<i>Digitaria microbachne</i>	(Presl) Henrard	Poaceae	

Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Euphorbia fulgens Karwinsky ex Klotzsch Euphorbiaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Hemidiodia ocimifolia (Willdenow) K. Schumacher Rubiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Ipomoea trifida (Humboldt, Bonpland, Kunth) G. Don Convolvulaceae
Larrea divaricata Cavanilles Zygophyllaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Lopezia racemosa Jacquin Onagraceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Melampodium arvense Robinson Asteraceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa pigra Linnaeus Fabaceae
Mimosa pudica Linnaeus Fabaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Nymphaea lotus Linnaeus Nymphaeaceae
Perymenium subsquarrosus Robinson & Greenman Asteraceae
Prosopis articulata S. Watson Fabaceae
Prosopis palmeri S. Watson Fabaceae
Pseudechinolaena polystachya (Humboldt, Bonpland, Kunth)
 Stapf Poaceae
Rotala mexicana Chamisso & Schlechter Lythraceae
Sabal mexicanum Martius Arecaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Sida angustifolia Linnaeus Malvaceae
Simsia amplexicaulis (Cavanilles) Persoon Asteraceae
Solanum torvum Swartz Solanaceae
Tradescantia crassifolia Cavanilles Commelinaceae
Tridax procumbens Linnaeus Asteraceae
Verbesina persicifolia de Candolle Asteraceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Micronesia

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Blechnum pyramidatum (Lamarck) Urban Acanthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Ipomoea triloba Linnaeus Convolvulaceae
Melastoma malabathricum Linnaeus Melastomataceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Saccharum spontaneum Linnaeus Poaceae
Stachytarpheta urticaefolia (Salisbury) Sims Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae

Vernonia cinerea (Linnaeus) Lessing Asteraceae

Morocco

Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Biscutella didyma Linnaeus Brassicaceae
Brachiaria erucaiformis (J.E. Smith) Grisebach Poaceae
Calendula arvensis Linnaeus Asteraceae
Carthamus lanatus Linnaeus Asteraceae
Cirsium acarna (Linnaeus) Moench Asteraceae
Coleostephus myconis (Linnaeus) Reichenbach Asteraceae
Convolvulus tricolor Linnaeus Convolvulaceae
Ecballium elaterium (Linnaeus) A. Richard Cucurbitaceae
Echium plantagineum Linnaeus Boraginaceae
Emex spinosa (Linnaeus) Campdera Polygonaceae
Eryngium campestre Linnaeus Apiaceae
Fumaria agraria Lagasca y Segura Fumariaceae
Fumaria capreolata Linnaeus Fumariaceae
Fumaria densiflora de Candolle Fumariaceae
Hirschfeldia incana (Lowe) Lagreze-Fossat Brassicaceae
Inula graveolens Desfontaines Asteraceae
Iondraba auriculata (Linnaeus) Schulz Brassicaceae
Lathyrus ochrus de Candolle Fabaceae
Linaria triphylla (Linnaeus) Miller Scrophulariaceae
Lolium rigidum Gaudin Poaceae
Medicago intertexta (L.) Miller var. *ciliaris* (Linnaeus) Heyn Fabaceae
Misopates orontium (Linnaeus) Rafinesque Scrophulariaceae
Muscari comosum (Linnaeus) Miller Liliaceae
Oxalis pes-caprae Linnaeus Oxalidaceae
Papaver hybridum Linnaeus Papeveraceae
Pennisetum clandestinum Hochstetter Poaceae
Ridolfia segetum (Linnaeus) Moris Apiaceae
Rumex bucephalophorus Linnaeus Polygonaceae
Scolymus hispanicus Linnaeus Asteraceae
Scolymus maculatus Linnaeus Asteraceae
Silene rubella Linnaeus Caryophyllaceae
Solanum sodomium Linnaeus Solanaceae
Thesium humile Vahl Santalaceae

Mozambique

Acacia nilotica (Linnaeus) Delile Fabaceae
Acalypha segetalis Mueller-Aargau Euphorbiaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Amaranthus thunbergii Moquin-Tandon Amaranthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Bracchiaria deflexa (Schumacher) C.E. Hubbard Poaceae
Bracchiaria erucaiformis (J.E. Smith) Grisebach Poaceae
Commelina benghalensis Linnaeus Commelinaceae
Corchorus olitorius Linnaeus Tiliaceae
Corchorus trilocularis Linnaeus Tiliaceae

Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria pentzii Stent Poaceae
Eragrostis aethiopica Chiovenda Poaceae
Hyparrhenia gazensis (Rendle) Stapf Poaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Mollugo nudicaulis Lamarck Aizoaceae
Mucuna coriacea Baker Fabaceae
Ocimum americanum Linnaeus Lamiaceae
Oxalis semiloba Sonder Oxalidaceae
Phyllanthus maderaspatensis Linnaeus Euphorbiaceae
Portulaca quadrifida Linnaeus Portulacaceae
Rottboellia exaltata Linnaeus Poaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Sorghum verticilliflorum (Steudel) Stapf Poaceae
Trichodesma zeylanicum R. Brown Boraginaceae
Tridax procumbens Linnaeus Asteraceae

Nepal

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Asphodelus fistulosus Linnaeus Liliaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Corchorus olitorius Linnaeus Tiliaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Eupatorium japonicum Thunberg Asteraceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea triloba Linnaeus Convolvulaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Mazus pumilus (N.L. Burman) Steenis Scrophulariaceae
Nymphaea alba Linnaeus Nymphaeaceae
Nymphaea lotus Linnaeus Nymphaeaceae
Polygonum plebeium R. Brown Polygonaceae
Saccharum spontaneum Linnaeus Poaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Tridax procumbens Linnaeus Asteraceae

Netherlands

Chenopodium ficifolium Smith Chenopodiaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Potamogeton lucens Linnaeus Potamogetonaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Sparganium erectum Linnaeus Sparganiaceae

New Guinea

<i>Ageratina adenophora</i> (Sprengel) R.M. King & H. Robinson	Asteraceae
<i>Alternanthera sessilis</i> (Linnaeus) de Candolle	Amaranthaceae
<i>Boerhavia diffusa</i> Linnaeus	Nyctaginaceae
<i>Borreria laevis</i> (Lamarck) Grisebach	Rubiaceae
<i>Calopogonium mucunoides</i> Desvaux	Fabaceae
<i>Centotheca lappacea</i> (Linnaeus) Desvaux	Poaceae
<i>Cleome viscosa</i> Linnaeus	Capparaceae
<i>Digitaria longiflora</i> (Retzius) Persoon	Poaceae
<i>Digitaria microbachne</i> (Presl) Henrard	Poaceae
<i>Drymaria cordata</i> (Linnaeus) Willdenow ex Roemer & Schultes	
Caryophyllaceae	
<i>Emilia sonchifolia</i> (Linnaeus) de Candolle ex Wight	Asteraceae
<i>Erechtites valerianaefolia</i> de Candolle	Asteraceae
<i>Euphorbia prunifolia</i> Jacquin	Euphorbiaceae
<i>Euphorbia thymifolia</i> Linnaeus	Euphorbiaceae
<i>Hyptis capitata</i> Jacquin	Lamiaceae
<i>Hyptis suaveolens</i> (Linnaeus) Poiteau	Lamiaceae
<i>Imperata cylindrica</i> (Linnaeus) Palisot de Beauvois	Poaceae
<i>Indigofera hirsuta</i> Linnaeus	Fabaceae
<i>Ipomoea triloba</i> Linnaeus	Convolvulaceae
<i>Ischaemum muticum</i> Linnaeus	Poaceae
<i>Ischaemum timorense</i> Kunth	Poaceae
<i>Leptochloa chinensis</i> (Linnaeus) Nees	Poaceae
<i>Ludwigia hyssopifolia</i> (G. Don) Exell	Onagraceae
<i>Mikania cordata</i> (N.L. Burman) B.L. Robinson	Asteraceae
<i>Mimosa invisa</i> Martius ex Colla	Fabaceae
<i>Mimosa pudica</i> Linnaeus	Fabaceae
<i>Paederia foetida</i> Linnaeus	Rubiaceae
<i>Pennisetum clandestinum</i> Hochstetter	Poaceae
<i>Saccharum spontaneum</i> Linnaeus	Poaceae
<i>Setaria barbata</i> (Lamarck) Kunth	Poaceae
<i>Solanum torvum</i> Swartz	Solanaceae
<i>Sporobolus diander</i> (Retzius) Palisot de Beauvois	Poaceae
<i>Stachytarpheta cayennensis</i> (L.C. Richard) Vahl	Verbenaceae
<i>Stachytarpheta jamaicensis</i> (Linnaeus) Vahl	Verbenaceae
<i>Stachytarpheta urticaefolia</i> (Salisbury) Sims	Verbenaceae
<i>Synedrella nodiflora</i> (Linnaeus) Gaertner	Asteraceae
<i>Themeda arguens</i> (Linnaeus) Hackel	Poaceae
<i>Tridax procumbens</i> Linnaeus	Asteraceae
<i>Vernonia cinerea</i> (Linnaeus) Lessing	Asteraceae

New Zealand

<i>Acacia armata</i> R. Brown	Fabaceae
<i>Ageratina adenophora</i> (Sprengel) R.M. King & H. Robinson	Asteraceae
<i>Ageratina riparia</i> (Regel) R.M. King & H. Robinson	Asteraceae
<i>Amsinckia calycina</i> (Moris) Chater	Boraginaceae
<i>Argemone ochroleuca</i> Sweet	Papaveraceae
<i>Arum italicum</i> Miller	Araceae

Asphodelus fistulosus Linnaeus Liliaceae
Carthamus lanatus Linnaeus Asteraceae
Cassinia arcuata R. Brown Asteraceae
Cassinia leptophylla (G. Forster) R. Brown Asteraceae
Crepis vesicaria Linnaeus subsp. *haenseleri* (Boissier ex de Candolle)
P.D. Sell Asteraceae
Cryptostemma calendula (Linnaeus) Druce Asteraceae
Emex australis Steinheil Polygonaceae
Erechtites valerianaefolia de Candolle Asteraceae
Erigeron floribundus (Humboldt, Bonpland, Kunth) Schultes-Biponius
Asteraceae
Fumaria capreolata Linnaeus Fumariaceae
Hakea gibbosa (Smith) Cavanilles Proteaceae
Hakea sericea Schrader Proteaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hypericum androsaemum Linnaeus Clusiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Iris foetidissima Linnaeus Iridaceae
Lagarosiphon major (Ridley) Moss Hydrocharitaceae
Lycium ferocissimum Miers Solanaceae
Mariscus ustulatus C.B. Clarke Cyperaceae
Misopates orontium (Linnaeus) Rafinesque Scrophulariaceae
Muehlenbeckia complexa (A. Cunningham) Meissner Polygonaceae
Myriophyllum propinquum A. Cunningham Haloragaceae
Nassella trichotoma (Nees) Hackel Poaceae
Oxalis pes-caprae Linnaeus Oxalidaceae
Oxalis purpurea Linnaeus Oxalidaceae
Papaver hybridum Linnaeus Papaveraceae
Paspalum scrobiculatum Linnaeus Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Pennisetum macrourum Trinius Poaceae
Phytolacca octandra Linnaeus Phytolaccaceae
Potamogeton ochreatus Raoul Potamogetonaceae
Romulea rosea (Linnaeus) Ecklon Iridaceae
Rubus caesius Linnaeus Rosaceae
Rubus fruticosus Linnaeus Rosaceae
Senecio bipinnatisectus (F. v. Mueller) Belcher Asteraceae
Senecio glomeratus Desfontaines ex Poiret Asteraceae
Senecio minimus Poiret Asteraceae
Solanum sodomium Linnaeus Solanaceae
Teucrium scordium Linnaeus Lamiaceae
Tridax procumbens Linnaeus Asteraceae
Typha orientalis Presl Typhaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Nicaragua	<i>Glinus oppositifolius</i> (Linnaeus) A. de Candolle	Aizoaceae
	<i>Hyptis suaveolens</i> (Linnaeus) Poiteau	Lamiaceae
	<i>Ipomoea tiliacea</i> (Willdenow) Choisy	Convolvulaceae
	<i>Ischaemum muticum</i> Linnaeus	Poaceae
	<i>Leptochloa panicea</i> (Retzius) Ohwi	Poaceae
	<i>Mimosa pudica</i> Linnaeus	Fabaceae
	<i>Pseudelephantopus spicatus</i> (Jussieu ex Aublet) C.F. Baker	Asteraceae
Niger	<i>Oryza longistaminata</i> A. Chevalier & Roehrich	Poaceae
Nigeria	<i>Acalypha ciliata</i> Forsskal	Euphorbiaceae
	<i>Alternanthera nodiflora</i> R. Brown	Amaranthaceae
	<i>Ammannia priesuriana</i> Guillemin & Perrottet	Lythraceae
	<i>Aspilia africana</i> (Persoon) Adams	Asteraceae
	<i>Bacopa crenata</i> (Palisot de Beauvois) Hepper	Scrophulariaceae
	<i>Boerhavia diffusa</i> Linnaeus	Nyctaginaceae
	<i>Borreria alata</i> (Aublet) de Candolle	Rubiaceae
	<i>Brachiaria deflexa</i> (Schumacher) C.E. Hubbard	Poaceae
	<i>Brachiaria lata</i> (Schumacher) C.E. Hubbard	Poaceae
	<i>Calopogonium mucunoides</i> Desvaux	Fabaceae
	<i>Celosia trigyna</i> Linnaeus	Amaranthaceae
	<i>Cleome rutidosperma</i> de Candolle	Capparaceae
	<i>Commelina benghalensis</i> Linnaeus	Commelinaceae
	<i>Corchorus aestuans</i> Linnaeus	Tiliaceae
	<i>Corchorus olitorius</i> Linnaeus	Tiliaceae
	<i>Croton lobatus</i> Linnaeus	Euphorbiaceae
	<i>Cyathula prostrata</i> (Linnaeus) Blume	Amaranthaceae
	<i>Cyperus reduncus</i> Hochstetter ex Boeckler	Cyperaceae
	<i>Cyperus tenuiculmis</i> Boeckler	Cyperaceae
	<i>Cyperus tenuispica</i> Steudel	Cyperaceae
	<i>Digitaria debilis</i> (Desfontaines) Willdenow	Poaceae
	<i>Digitaria microbachne</i> (Presl) Henrard	Poaceae
	<i>Echinochloa pyramidalis</i> (Lamarck) Hitchcock & A. Chase	Poaceae
	<i>Eichhornia natans</i> Solms	Pontederiaceae
	<i>Eleocharis erecta</i> Schumacher	Cyperaceae
	<i>Elytrophorus articulatus</i> Palisot de Beauvois	Poaceae
	<i>Emilia fosbergii</i> Nicolson	Asteraceae
	<i>Emilia sonchifolia</i> (Linnaeus) de Candolle ex Wight	Asteraceae
	<i>Erigeron floribundus</i> (Humboldt, Bonpland, Kunth) Schultes-Biponius	Asteraceae
	<i>Fimbristylis quinquangularis</i> (Vahl) Kunth	Cyperaceae
	<i>Hydrolea glabra</i> Schumacher & Thonning	Hydrophyllaceae
	<i>Hydrolea macrosepala</i> A.W. Bennett	Hydrophyllaceae
	<i>Hygrophila pobeguini</i> Benoist	Acanthaceae
	<i>Hyptis lanceolata</i> Poiteau	Lamiaceae
	<i>Imperata cylindrica</i> (Linnaeus) Palisot de Beauvois	Poaceae
	<i>Indigofera hirsuta</i> Linnaeus	Fabaceae

Ipomoea aquatica Forsskal Convolvulaceae
Justicia insularis T. Anderson Acanthaceae
Leptochloa coerulescens Steudel Poaceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Ludwigia stenorraphe (Brenan) Hara Onagraceae
Mariscus umbellatus Vahl Cyperaceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pudica Linnaeus Fabaceae
Mitracarpum scabrum Zuccarini Rubiaceae
Mucuna pruriens (Linnaeus) de Candolle Rubiaceae
Oldenlandia capensis Linnaeus f. Rubiaceae
Oldenlandia lancifolia (Schumacher) de Candolle Rubiaceae
Oryza barthii A. Chevalier Poaceae
Oryza longistaminata A. Chevalier & Roehrich Poaceae
Oryza punctata Kotschy ex Steudel Poaceae
Paspalum commersonii Lamarck Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Pennisetum pedicellatum Trinius Poaceae
Pennisetum polystachyon (Linnaeus) Schultes Poaceae
Platystoma africanum Palisot de Beauvois Lamiaceae
Rorippa indica (Linnaeus) Hiern Brassicaceae
Rottboellia exaltata Linnaeus Poaceae
Sacciolepis interrupta (Willdenow) Stapf Poaceae
Schizachyrium brevifolium (Swartz) Nees ex Buse Poaceae
Scirpus praelongatus Poiret Cyperaceae
Setaria barbata (Lamarck) Kunth Poaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Sida stipulata Cavanilles Malvaceae
Solanum torvum Swartz Solanaceae
Spigelia anthelmia Linnaeus Loganiaceae
Stachytarpheta angustifolia Vahl Verbenaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Talinum triangulare (Jacquin) Willdenow Portulacaceae
Tridax procumbens Linnaeus Asteraceae
Triumfetta rhomboidea Jacquin Tiliaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Norway

Chenopodium ficifolium Smith Chenopodiaceae
Galeopsis speciosa Miller Lamiaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Nymphaea alba Linnaeus Nymphaeaceae
Sagittaria sagittifolia Linnaeus Alismataceae

Pakistan

<i>Acacia nilotica</i> (Linnaeus) Delile	Fabaceae
<i>Acalypha ciliata</i> Forsskal	Euphorbiaceae
<i>Alternanthera sessilis</i> (Linnaeus) de Candolle	Amaranthaceae
<i>Asphodelus fistulosus</i> Linnaeus	Liliaceae
<i>Avena sterilis</i> Linnaeus subsp. <i>sterilis</i>	Poaceae
<i>Boerhavia diffusa</i> Linnaeus	Nyctaginaceae
<i>Carthamus oxyacantha</i> Bieberstein	Asteraceae
<i>Cleome viscosa</i> Linnaeus	Capparaceae
<i>Corchorus antichorus</i> Raeuschel	Tiliaceae
<i>Corchorus olitorius</i> Linnaeus	Tiliaceae
<i>Corchorus tridens</i> Linnaeus	Tiliaceae
<i>Corchorus trilocularis</i> Linnaeus	Tiliaceae
<i>Cuscuta monogyna</i> Vahl	Cuscutaceae
<i>Desmostachya bipinnata</i> (Linnaeus) Stapf	Poaceae
<i>Dichanthium annulatum</i> (Forsskal) Stapf	Poaceae
<i>Digera arvensis</i> Forsskal	Amaranthaceae
<i>Eleusine compressa</i> (Forsskal) Ascherson & Schweinfurth	Poaceae
<i>Eragrostis diarrhena</i> (Schultes) Steudel	Poaceae
<i>Euphorbia dracunculoides</i> Lamarck	Euphorbiaceae
<i>Euphorbia thymifolia</i> Linnaeus	Euphorbiaceae
<i>Fumaria parviflora</i> Lamarck	Fumariaceae
<i>Heliotropium ellipticum</i> Ledebour	Boraginaceae
<i>Hydrilla verticillata</i> (Linnaeus f.) Royle	Hydrocharitaceae
<i>Imperata cylindrica</i> (Linnaeus) Palisot de Beauvois	Poaceae
<i>Mazus pumilus</i> (N.L. Burman) Steenis	Scrophulariaceae
<i>Najas graminea</i> Delile	Najadaceae
<i>Nymphaea alba</i> Linnaeus	Nymphaeaceae
<i>Nymphaea lotus</i> Linnaeus	Nymphaeaceae
<i>Nymphaea nouchali</i> N.L. Burman	Nymphaeaceae
<i>Paspalum scrobiculatum</i> Linnaeus	Poaceae
<i>Phragmites karka</i> (Retzius) Trinius	Poaceae
<i>Polygonum plebeium</i> R. Brown	Polygonaceae
<i>Prosopis farcta</i> (Solander ex Russell) Macbride	Fabaceae
<i>Rotala indica</i> (Willdenow) Koehne	Lythraceae
<i>Rumex acutus</i> Linnaeus	Polygonaceae
<i>Saccharum spontaneum</i> Linnaeus	Poaceae
<i>Sagittaria sagittifolia</i> Linnaeus	Alismataceae
<i>Scirpus grossus</i> Linnaeus f.	Cyperaceae
<i>Scirpus juncooides</i> Roxburgh var. <i>hotarui</i> (Ohwi) Ohwi	Cyperaceae
<i>Sesbania cannabina</i> (Retzius) Persoon	Fabaceae
<i>Setaria pallide-fusca</i> (Schumacher) Stapf & Hubbard	Poaceae
<i>Solanum xanthocarpum</i> Schrader & Wendland	Solanaceae
<i>Striga asiatica</i> (Linnaeus) O. Kuntze	Scrophulariaceae
<i>Trianthema monogyna</i> Linnaeus	Aizoaceae
<i>Trianthema pentandra</i> Linnaeus	Aizoaceae
<i>Trigonella polycerata</i> Linnaeus	Fabaceae
<i>Urochloa panicoides</i> Palisot de Beauvois	Poaceae

Vallisneria spiralis Linnaeus Hydrocharitaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Vigna trilobata (Linnaeus) Verdcourt Fabaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae
Ziziphus nummularia (N.L. Burman) Wight & Arnott Rhamnaceae

Panama

Blechnum pyramidatum (Lamarck) Urban Acanthaceae
Euphorbia glomerifera (Millspaugh) Wheeler Euphorbiaceae
Hyptis capitata Jacquin Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Mariscus rufus Humboldt, Bonpland, Kunth Cyperaceae
Pennisetum clandestinum Hochstetter Poaceae
Piper tuberculatum Jacquin Piperaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rotala mexicana Chamisso & Schlechter Lythraceae
Rottboellia exaltata Linnaeus Poaceae
Solanum torvum Swartz Solanaceae
Spigelia anthelmia Linnaeus Loganiaceae
Wedelia trilobata (Linnaeus) Hitchcock Asteraceae

Paraguay

Chenopodium hircinum Schrader Chenopodiaceae
Copernicia australis Beccari Arecaceae
Pennisetum clandestinum Hochstetter Poaceae
Prosopis elata (Burkart) Burkart Fabaceae
Prosopis fiebrigii Harms Fabaceae
Prosopis hassleri Harms Fabaceae
Prosopis kuntzei Harms Fabaceae
Prosopis rojasiana Burkart Fabaceae
Prosopis ruscifolia Grisebach Fabaceae

Peru

Andropogon lateralis Nees Poaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria laevis (Lamarck) Grisebach Rubiaceae
Borreria ocymoides (N.L. Burman) de Candolle Rubiaceae
Chenopodium hircinum Schader Chenopodiaceae
Chenopodium paniculatum Hooker Chenopodiaceae
Chloris halophila Parodi Poaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Cyperus corymbosus Rottboell Cyperaceae
Cyperus luzulae Rottboell ex Willdenow Cyperaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eriochloa procera (Retzius) C.E. Hubbard Poaceae
Erythroxylon coca Lamarck Erythroxylaceae
Fumaria capreolata Linnaeus Fumariaceae
Hyptis brevipes Poiteau Lamiaceae
Hyptis capitata Jacquin Lamiaceae

Ischaemum rugosum Salisbury Poaceae
Lantana trifolia Linnaeus Verbenaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Malvastrum peruvianum (Linnaeus) A. Gray Malvaceae
Merremia aegyptia (Linnaeus) Urban Convolvulaceae
Mimosa pudica Linnaeus Fabaceae
Panicum laxum Swartz Poaceae
Paspalum paniculatum Linnaeus Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Prosopis pallida (Humboldt & Bonpland ex Willdenow)
Humboldt, Bonpland, Kunth Poaceae
Prosopis reptans Benth var. *reptans* Fabaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rottboellia exaltata Linnaeus Poaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae

Philippines

Ageratina adenophora (Sprengel) R.M. King & H. Robinson Asteraceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Arundinella bengalensis (Sprengel) Druce Poaceae
Austroeupatorium inulaefolium (Humboldt, Bonpland, Kunth)
R.M. King & H. Robinson Asteraceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria articularis (Linnaeus f.) F.N. Williams Rubiaceae
Borreria laevis (Lamarck) Grisebach Rubiaceae
Borreria ocymoides (N.L. Burman) de Candolle Rubiaceae
Calopogonium mucunoides Desvaux Fabaceae
Centotheca lappacea (Linnaeus) Desvaux Poaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Cleome rutidosperma de Candolle Capparaceae
Cleome viscosa Linnaeus Capparaceae
Commelina benghalensis Linnaeus Commelinaceae
Corchorus aestuans Linnaeus Tiliaceae
Corchorus capsularis Linnaeus Tiliaceae
Corchorus olitorius Linnaeus Tiliaceae
Crassocephalum crepidioides (Benth) S. Moore Asteraceae
Crotalaria saltiana H.C. Andrews Fabaceae
Cyanotis axillaris (Linnaeus) D. Don Commelinaceae
Cyathula prostrata (Linnaeus) Blume Amaranthaceae
Cyperus imbricatus Retzius Cyperaceae
Cyperus kyllingia Endlicher Cyperaceae
Desmodium procumbens Hitchcock Fabaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria microbachne (Presl) Henrard Poaceae
Digitaria timorensis (Kunth) Balansa Poaceae

Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Echinochloa stagnina (Retzius) Palisot de Beauvois Poaceae
Elephantopus scaber Linnaeus Asteraceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis japonica (Thunberg) Trinius Poaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Fimbristylis complanata (Retzius) Link Cyperaceae
Fimbristylis ferruginea (Linnaeus) Vahl Cyperaceae
Fimbristylis globulosa (Retzius) Kunth Cyperaceae
Hedyotis herbacea Linnaeus Rubiaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hyptis brevipes Poiteau Lamiaceae
Hyptis capitata Jacquin Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Indigofera hirsuta Linnaeus Fabaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea pes-tigridis Linnaeus Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Ischaemum rugosum Salisbury Poaceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Leucas lavandulaefolia J.E. Smith Lamiaceae
Limnophila sessiliflora (Vahl) Blume Scrophulariaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Lindernia ruelloides (Colsmann) Pennell Scrophulariaceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Ludwigia perennis Linnaeus Onagraceae
Melastoma malabathricum Linnaeus Melastomataceae
Merremia emarginata (N.L. Burman) H. Hallier Convolvulaceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pudica Linnaeus Fabaceae
Mollugo pentaphylla Linnaeus Aizoaceae
Monochoria hastata (Linnaeus) Solms Pontederiaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Najas graminea Delile Najadaceae
Nymphaea nouchali N.L. Burman Nymphaeaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Ottochloa nodosa (Kunth) Dandy Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Pennisetum polystachyon (Linnaeus) Schultes Poaceae
Phragmites karka (Retzius) Trinius Poaceae

Physalis minima Linnaeus Solanaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rotala indica (Willdenow) Koehne Lythraceae
Rottboellia exaltata Linnaeus Poaceae
Saccharum spontaneum Linnaeus Poaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus erectus Poiret Cyperaceae
Scirpus grossus Linnaeus f. Cyperaceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Scirpus mucronatus Linnaeus Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Solanum torvum Swartz Solanaceae
Sphaeranthus africanus Linnaeus Asteraceae
Sporobolus diander (Retzius) Palisot de Beauvois Poaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Talinum triangulare (Jacquin) Willdenow Portulacaceae
Tridax procumbens Linnaeus Asteraceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Poland

Chenopodium ficifolium Smith Chenopodiaceae
Eryngium campestre Linnaeus Apiaceae
Galium spurium Linnaeus Rubiaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Nymphaea alba Linnaeus Nymphaeaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus mucronatus Linnaeus Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Sparganium erectum Linnaeus Sparganiaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Polynesia, East

Mimosa pudica Linnaeus Fabaceae

Polynesia, West

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Atylosia scarabaeoides (Linnaeus) Bentham Fabaceae
Blechnum pyramdatum (Lamarck) Urban Acanthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria alata (Aublet) de Candolle Rubiaceae
Borreria laevis (Lamarck) Grisebach Rubiaceae
Borreria ocymoides (N.L. Burman) de Candolle Rubiaceae
Brachiaria paspaloides (Presl) C.E. Hubbard Poaceae
Calopogonium mucunoides Desvaux Fabaceae
Centotheca lappacea (Linnaeus) Desvaux Poaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Cleome rutidosperma de Candolle Capparaceae
Cleome viscosa Linnaeus Capparaceae

Clerodendrum philippinum Schauers Verbenaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Commelina benghalensis Linnaeus Commelinaceae
Cyathula prostrata (Linnaeus) Blume Amaranthaceae
Cyrtococcum patens (Linnaeus) A. Camus Poaceae
Derris elliptica (Roxburgh) Benthams Fabaceae
Digitaria fuscescens (Presl) Henrard Poaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria microbachne (Presl) Henrard Poaceae
Digitaria timorensis (Kunth) Balansa Poaceae
Dioscorea bulbifera Linnaeus Dioscoreaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Erechtites valerianaefolia de Candolle Asteraceae
Hyptis pectinata (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea littoralis Blume Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Ischaemum aristatum Linnaeus Poaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Macaranga harveyana Mueller-Aargau Euphorbiaceae
Macaranga triloba (Reinwardt ex Blume) Mueller-Aargau Euphorbiaceae
Melastoma malabathricum Linnaeus Melastomataceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pudica Linnaeus Fabaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Nymphaea nouchali N.L. Burman Nymphaeaceae
Ocimum gratissimum Linnaeus Lamiaceae
Operculina turpethum (Linnaeus) Manso Convolvulaceae
Paspalum paniculatum Linnaeus Poaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Ruellia tuberosa Linnaeus Acanthaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Setaria palmifolia (Willdenow) Stapf Poaceae
Siegesbeckia orientalis Linnaeus Asteraceae
Solanum torvum Swartz Solanaceae
Sporobolus diander (Retzius) Palisot de Beauvois Poaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Stachytarpheta urticaefolia (Salisbury) Sims Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Portugal

Acacia karoo Hayne Fabaceae

Alisma lanceolatum Witherinng Alismataceae
Anthemis mixta Linnaeus Asteraceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Calendula arvensis Linnaeus Asteraceae
Carthamus lanatus Linnaeus Asteraceae
Cichorium pumilum Jacquin Asteraceae
Coleostephus myconis (Linnaeus) Reichenbach Asteraceae
Convolvulus tricolor Linnaeus Convolvulaceae
Crepis vesicaria Linnaeus subsp. *haenseleri* (Boissier ex de Candolle)
P.D. Sell Asteraceae
Cynoglossum coeruleum Hochstetter ex de Candolle Boraginaceae
Echinochloa oryzoides (Arduino) Fritsch Poaceae
Echinochloa phyllopogon (Stapf) Koss Poaceae
Echium plantagineum Linnaeus Boraginaceae
Emex spinosa (Linnaeus) Campdera Polygonaceae
Eryngium campestre Linnaeus Apiaceae
Fumaria agraria Lagasca y Segura Fumariaceae
Fumaria parviflora Lamarck Fumariaceae
Gladiolus segetum Ker-Gawler Iridaceae
Hakea sericea Schrader Proteaceae
Hirschfeldia incana (Lowe) Lagreze-Fossat Brassicaceae
Hypecoum grandiflorum Bentham Papaveraceae
Inula graveolens Desfontaines Asteraceae
Iondraba auriculata (Linnaeus) Schulz Brassicaceae
Lathyrus ochrus de Candolle Fabaceae
Lolium rigidum Gaudin Poaceae
Medicago intertexta (L.) Miller var. *ciliaris* (Linnaeus) Heyn Fabaceae
Misopates orontium (Linnaeus) Rafinesque Scrophulariaceae
Muscari comosum (Linnaeus) Miller Liliaceae
Nymphaea alba Linnaeus Nymphaeaceae
Onopordum illyricum Linnaeus Asteraceae
Oxalis pes-caprae Linnaeus Oxalidaceae
Papaver hybridum Linnaeus Papaveraceae
Ridolfia segetum (Linnaeus) Moris Apiaceae
Rumex angiocarpus Murbeck Polygonaceae
Rumex bucephalophorus Linnaeus Polygonaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Salsola vermiculata Linnaeus Chenopodiaceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Scirpus mucronatus Linnaeus Cyperaceae
Scolymus hispanicus Linnaeus Asteraceae
Scolymus maculatus Linnaeus Asteraceae
Scorpiurus muricatus Linnaeus Fabaceae
Silene rubella Linnaeus Caryophyllaceae
Sparganium erectum Linnaeus Sparganiaceae
Thesium humile Vahl Santalaceae
Trigonella polycerata Linnaeus Fabaceae

Vallisneria spiralis Linnaeus Hydrocharitaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Puerto Rico (a territory
of the United States)

Acacia gerrardii Benth Fabaceae
Aeschynomene sensitiva Swartz Fabaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Blechum pyramidatum (Lamarck) Urban Acanthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria laevis (Lamarck) Grisebach Rubiaceae
Borreria ocymoides (N.L. Burman) de Candolle Rubiaceae
Borreria verticillata (Linnaeus) G.F.W. Meyer Rubiaceae
Cissampelos pareira Linnaeus Menispermaceae
Clerodendrum philippinum Schauer Verbenaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Croton lobatus Linnaeus Euphorbiaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
Caryophyllaceae
Eleocharis dulcis (N.L. Burman) Henschel Cyperaceae
Emilia fosbergii Nicolson Asteraceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Gnaphalium indicum Linnaeus Asteraceae
Hemidiodia ocimifolia (Willdenow) K. Schumacher Rubiaceae
Hyptis capitata Jacquin Lamiaceae
Hyptis pectinata (Linnaeus) Poiteau Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea tiliacea (Willdenow) Choisy Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Mikania congesta de Candolle Asteraceae
Mimosa pudica Linnaeus Fabaceae
Mollugo nudicaulis Lamarck Aizoaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Phyllanthus diffusus Klotzsch Euphorbiaceae
Portulaca quadrifida Linnaeus Portulacaceae
Prosopis pallida (Humboldt & Bonpland ex Willdenow)
Humboldt, Bonpland, Kunth Fabaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Pueraria phaseoloides (Roxburgh) Benth Fabaceae
Ruellia tuberosa Linnaeus Acanthaceae
Saccharum spontaneum Linnaeus Poaceae
Setaria barbata (Lamarck) Kunth Poaceae
Solanum torvum Swartz Solanaceae
Spigelia anthelmia Linnaeus Loganiaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae

Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Thunbergia fragrans Roxburgh Acanthaceae
Tridax procumbens Linnaeus Asteraceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Wedelia trilobata (Linnaeus) Hitchcock Asteraceae

Rhodesia

Acacia gerrardii Bentham Fabaceae
Acacia heteracantha Burchell Fabaceae
Acacia karoo Hayne Fabaceae
Acacia nilotica (Linnaeus) Delile Fabaceae
Acacia sieberiana de Candolle var. *villosa* Chevalier Fabaceae
Acalypha indica Linnaeus Euphorbiaceae
Acalypha segetalis Mueller-Aargau Euphorbiaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Amaranthus thunbergii Moquin-Tandon Amaranthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Brachystegia spicaeformis Bentham Fabaceae
Caesalpinia decapetala (Roth) Alston Fabaceae
Celosia trigyna Linnaeus Amaranthaceae
Chamaecrista mimosoides (Linnaeus) Irwin & Barneby Fabaceae
Cleome monophylla Linnaeus Capparaceae
Combretum apiculatum Sonder Combretaceae
Combretum hereroense Schinz Combretaceae
Commelina benghalensis Linnaeus Commelinaceae
Corchorus olitorius Linnaeus Tiliaceae
Dichapetalum cymosum (Hooker) Englemann Dichapetalaceae
Dichrostachys cinerea (Linnaeus) Wight & Arnott Fabaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria ternata (A. Richard) Stapf Poaceae
Digitaria velutina (Forsskal) Palisot de Beauvois Poaceae
Dombeya rotundifolia Planchon Sterculiaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Bentham
 Scrophulariaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Emex australis Steinheil Polygonaceae
Erigeron floribundus (Humboldt, Bonpland, Kunth) Schultes-Biponius
 Asteraceae
Gisekia africana (Loureiro) O. Kuntze Phytolaccaceae
Gomphrena celosioides Martius Amaranthaceae
Hedyotis herbacea Linnaeus Rubiaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea sinensis (Desrousseaux) Choisy Convolvulaceae
Leucas martinicensis R. Brown Lamiaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Nymphaea caerulea Savignone Nymphaeaceae

Nymphaea lotus Linnaeus Nymphaeaceae
Opuntia megacantha Salm-Dyck Cactaceae
Ormocarpum trichocarpum Burtt-Davy Fabaceae
Oxalis semiloba Sonder Oxalidaceae
Peltophorum africanum Sonder Fabaceae
Pennisetum clandestinum Hochstetter Poaceae
Phyllanthus maderaspatensis Linnaeus Euphorbiaceae
Rottboellia exaltata Linnaeus Poaceae
Royena sericea Bernhardi Ebenaceae
Rumex angiocarpus Murbeck Polygonaceae
Schkuhria pinnata (Lamarck) O. Kuntze Asteraceae
Scirpus supinus Linnaeus Cyperaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Tarchonanthus camphoratus Linnaeus Asteraceae
Trianthema pentandra Linnaeus Aizoaceae
Trichodesma zeylanicum R. Brown Boraginaceae
Tridax procumbens Linnaeus Asteraceae
Triumfetta rhomboidea Jacquin Tiliaceae
Urochloa panicoides Palisot de Beauvois Poaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae
Ziziphus mucronata Willdenow Rhamnaceae

Romania

Chenopodium ficifolium Smith Chenopodiaceae
Glycyrrhiza echinata Linnaeus Fabaceae
Scirpus supinus Linnaeus Cyperaceae

Senegal

Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Bacopa erecta Hutchinson & Dalziel Scrophulariaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria alata (Aublet) de Candolle Rubiaceae
Cleome rutidosperma de Candolle Capparaceae
Commelina benghalensis Linnaeus Commelinaceae
Corchorus olitorius Linnaeus Tiliaceae
Cyperus maritimus Poiré Cyperaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria velutina (Forsskal) Palisot de Beauvois Poaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Benth
 Scrophulariaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis tremula Hochstetter Poaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Ischaemum rugosum Salisbury Poaceae

Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Nymphaea lotus Linnaeus Nymphaeaceae
Oryza longistaminata A. Chevalier & Roehrich Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Rottboellia exaltata Linnaeus Poaceae
Scirpus supinus Linnaeus Cyperaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Solanum torvum Swartz Solanaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

South Africa, Republic of *Acacia heteracantha* Burchell Fabaceae
 Acacia karoo Hayne Fabaceae
 Acacia mellifera (Vahl) Benthamp subsp. *detinens* (Burchell) Brenan
 Fabaceae
 Acacia nilotica (Linnaeus) Delile Fabaceae
 Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
 Amaranthus thunbergii Moquin-Tandon Amaranthaceae
 Anredera cordifolia (Tenore) Steenis Basellaceae
 Australina acuminata Weddell Urticaceae
 Boerhavia diffusa Linnaeus Nyctaginaceae
 Brachiaria deflexa (Schumacher) C.E. Hubbard Poaceae
 Brachiaria erucaeformis (J.E. Smith) Grisebach Poaceae
 Caesalpinia decapetala (Roth) Alston Fabaceae
 Cineraria lyrata de Candolle Asteraceae
 Cleome monophylla Linnaeus Capparaceae
 Commelina benghalensis Linnaeus Commelinaceae
 Cryptostemma calendula (Linnaeus) Druce Asteraceae
 Cucumis myriocarpus Naudin Cucurbitaceae
 Dichapetalum cymosum (Hooker) Englemann Dichapetalaceae
 Dichrostachys cinerea (Linnaeus) Wight & Arnott Fabaceae
 Digitaria debilis (Desfontaines) Willdenow Poaceae
 Digitaria longiflora (Retzius) Persoon Poaceae
 Digitaria microbachne (Presl) Henrard Poaceae
 Digitaria scalarum (Schweinfurth) Chiovenda Poaceae
 Digitaria ternata (A. Richard) Stapf Poaceae
 Digitaria velutina (Forsskal) Palisot de Beauvois Poaceae
 Diplachne fusca (Linnaeus) Palisot de Beauvois Poaceae
 Echinochloa holubii (Stapf) Stapf Poaceae
 Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
 Echinochloa stagnina (Retzius) Palisot de Beauvois Poaceae
 Echium plantagineum Linnaeus Boraginaceae
 Eleusine africana Kennedy-O'Byrne Poaceae
 Elytropappus rhinocerotis Lessing Asteraceae

Elytrophorus articulatus Palisot de Beauvois Poaceae
Emex australis Steinheil Polygonaceae
Eragrostis aethiopica Chiovenda Poaceae
Eragrostis viscosa (Retzius) Trinius Poaceae
Erigeron floribundus (Humboldt, Bonpland, Kunth) Schultes-Biponius
Asteraceae
Euphorbia glomerifera (Millspaugh) Wheeler Euphorbiaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Gomphrena celosioides Martius Amaranthaceae
Hakea gibbosa (Smith) Cavanilles Proteaceae
Hakea sericea Schrader Proteaceae
Hypericum androsaemum Linnaeus Clusiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Inula graveolens Desfontaines Asteraceae
Lepidium schinzii Thellung Brassicaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Leucas martinicensis R. Brown Lamiaceae
Lolium rigidum Gaudin Poaceae
Melinis minutiflora Palisot de Beauvois Poaceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mimosa pigra Linnaeus Fabaceae
Nassella trichotoma (Nees) Hackel Poaceae
Nymphaea caerulea Savignone Nymphaeaceae
Opuntia aurantiaca Lindley Cactaceae
Opuntia megacantha Salm-Dyck Cactaceae
Oxalis pes-caprae Linnaeus Oxalidaceae
Oxalis semiloba Sonder Oxalidaceae
Panicum laevifolium Hackel Poaceae
Paspalum commersonii Lamarck Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Pseudechinolaena polystachya (Humboldt, Bonpland, Kunth) Stapf
Poaceae
Pupalia lappacea (Linnaeus) Jussieu Amaranthaceae
Rottboellia exaltata Linnaeus Poaceae
Rumex angiocarpus Murbeck Polygonaceae
Saccharum spontaneum Linnaeus Poaceae
Schizachyrium brevifolium (Swartz) Nees ex Buse Poaceae
Schkuhria pinnata (Lamarck) O. Kuntze Asteraceae
Senecio burchellii de Candolle Asteraceae
Senecio oxyriaefolius de Candolle Asteraceae
Setaria homonyma (Steudel) Chiovenda Poaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Siegesbeckia orientalis Linnaeus Asteraceae
Sorghum verticilliflorum (Steudel) Stapf Poaceae
Striga asiatica (Linnaeus) O. Kuntze Scrophulariaceae
Tridax procumbens Linnaeus Asteraceae
Triumfetta rhomboidea Jacquin Tiliaceae

Urochloa mosambicensis (Hackel) Dandy Poaceae
Urochloa panicoides Palisot de Beauvois Poaceae

Soviet Union

Ammannia baccifera Linnaeus Lythraceae
Avena sterilis Linnaeus subsp. *ludoviciana* (Durieu) Nyman Poaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Bongardia chrysogonum (Linnaeus) Boissier Berberidaceae
Centaurea depressa Bieberstein Asteraceae
Cephalaria syriaca (Linnaeus) Schrader Dipsacaceae
Chenopodium ficifolium Smith Chenopodiaceae
Chrozophora tinctoria (Linnaeus) A. Jussieu Euphorbiaceae
Cuscuta monogyna Vahl Cuscutaceae
Erechtites valerianaefolia de Candolle Asteraceae
Galeopsis speciosa Miller Lamiaceae
Galium spurium Linnaeus Rubiaceae
Glycyrrhiza echinata Linnaeus Fabaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Lotus purpureus (Moench) Webb Fabaceae
Prosopis farcta (Solander ex Russell) Macbride Fabaceae
Saccharum spontaneum Linnaeus Poaceae
Sagittaria trifolia Linnaeus Alismataceae
Salsola vermiculata Linnaeus Chenopodiaceae
Teucrium scordium Linnaeus Lamiaceae
Tridax procumbens Linnaeus Asteraceae
Veratrum lobelianum Bernhardt Liliaceae

Spain

Acacia karoo Hayne Fabaceae
Alternanthera nodiflora R. Brown Amaranthaceae
Asphodelus fistulosus Linnaeus Liliaceae
Avena sterilis Linnaeus subsp. *ludoviciana* (Durieu) Nyman Poaceae
Bergia capensis Linnaeus Elatinaceae
Calendula arvensis Linnaeus Asteraceae
Centaurea acaulis Linnaeus Asteraceae
Chrozophora tinctoria (Linnaeus) A. Jussieu Euphorbiaceae
Cirsium syriacum (Linnaeus) Gaertner Asteraceae
Coleostephus myconis (Linnaeus) Reichenbach Asteraceae
Diplotaxis eruroides (Linnaeus) de Candolle Brassicaceae
Echium plantagineum Linnaeus Boraginaceae
Eryngium campestre Linnaeus Apiaceae
Gladiolus segetum Ker-Gawler Iridaceae
Hakea sericea Schrader Proteaceae
Hypocoum grandiflorum Bentham Papaveraceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Inula graveolens Desfontaines Asteraceae
Iondraba auriculata (Linnaeus) Schulz Brassicaceae
Linaria triphylla (Linnaeus) Miller Scrophulariaceae

Lotus purpureus (Moench) Webb Fabaceae
Misopates orontium (Linnaeus) Rafinesque Scrophulariaceae
Muscari comosum (Linnaeus) Miller Liliaceae
Onopordum acaulon Linnaeus Asteraceae
Onopordum illyricum Linnaeus Asteraceae
Papaver hybridum Linnaeus Papaveraceae
Potamogeton lucens Linnaeus Potamogetonaceae
Potamogeton ochreatus Raoul Potamogetonaceae
Ridolfia segetum (Linnaeus) Moris Apiaceae
Salsola vermiculata Linnaeus Chenopodiaceae
Scirpus mucronatus Linnaeus Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Scolymus hispanicus Linnaeus Asteraceae
Silene rubella Linnaeus Caryophyllaceae
Sparganium erectum Linnaeus Sparganiaceae
Teucrium scordium Linnaeus Lamiaceae
Thesium humile Vahl Santalaceae
Trigonella polycerata Linnaeus Fabaceae

Sri Lanka

Ammannia baccifera Linnaeus Lythraceae
Borreria alata (Aublet) de Candolle Rubiaceae
Borreria ocymoides (N.L. Burman) de Candolle Rubiaceae
Brachiaria milliiformis (Presl) A. Chase Poaceae
Brachiaria paspaloides (Presl) C.E. Hubbard Poaceae
Canscora decussata Schultes Gentianaceae
Centipeda minima (Linnaeus) A. Braun & Ascherson Asteraceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Cleome burmannii Wight & Arnott Capparaceae
Coix agrestis Loureiro Poaceae
Commelina benghalensis Linnaeus Commelinaceae
Crassocephalum crepidioides (Benth) S. Moore Asteraceae
Cyanotis villosa J.H. Schultes Commelinaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria timorensis (Kunth) Balansa Poaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Benth
 Scrophulariaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Echinochloa stagnina (Retzius) Palisot de Beauvois Poaceae
Elytrophorus articulatus Palisot de Beauvois Poaceae
Emilia fosbergii Nicholson Asteraceae
Eragrostis japonica (Thunberg) Trinius Poaceae
Eragrostis unioides (Retzius) Nees ex Steudel Poaceae
Eriocaulon cinereum R. Brown Eriocaulaceae
Eriochloa procera (Retzius) C.E. Hubbard Poaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae

Fimbristylis quinquangularis (Vahl) Kunth Cyperaceae
Hedyotis auricularia Linnaeus Rubiaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hygrophila polysperma T. Anderson Acanthaceae
Hygrophila spinosa T. Anderson Acanthaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Isachne globosa (Thunberg) O. Kuntze Poaceae
Isachne kunthiana (Wight & Arnott) Miquel Poaceae
Ischaemum muticum Linnaeus Poaceae
Ischaemum rugosum Salisbury Poaceae
Ischaemum timorense Kunth Poaceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Limnocharis flava (Linnaeus) J. Buchanan Butomaceae
Limnophila conferta Benthham Scrophulariaceae
Lindernia cordifolia (Colsmann) Merrill Scrophulariaceae
Lindernia ruelloides (Colsmann) Pennell Scrophulariaceae
Ludwigia perennis Linnaeus Onagraceae
Melastoma malabathricum Linnaeus Melastomataceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa invisa Martius ex Colla Fabaceae
Mimosa pudica Linnaeus Fabaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Oryza perennis Moench Poaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Ottochloa nodosa (Kunth) Dandy Poaceae
Paspalum commersonii Lamarck Poaceae
Passiflora suberosa Linnaeus Passifloraceae
Pennisetum clandestinum Hochstetter Poaceae
Pennisetum polystachyon (Linnaeus) Schultes Poaceae
Phragmites karka (Retzius) Trinius Poaceae
Polygonum nepalense Meissner Polygonaceae
Pseudechinolaena polystachya (Humboldt, Bonpland, Kunth) Stapf
 Poaceae
Rotala indica (Willdenow) Koehne Lythraceae
Setaria barbata (Lamarck) Kunth Poaceae
Solanum torvum Swartz Solanaceae
Sporobolus diander (Retzius) Palisot de Beauvois Poaceae
Sporobolus tremulus (Willdenow) Kunth Poaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Syzygium cumini (Linnaeus) Skeels Myrtaceae
Tridax procumbens Linnaeus Asteraceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Sudan

Acacia nilotica (Linnaeus) Delile Fabaceae

Acalypha indica Linnaeus Euphorbiaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Aristolochia bracteata Retzius Aristolochiaceae
Asphodelus fistulosus Linnaeus Liliaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Brachiaria erucaeformis (J.E. Smith) Grisebach Poaceae
Brachiaria lata (Schumacher) C.E. Hubbard Poaceae
Chrozophora plicata (Vahl) A. Jussieu Euphorbiaceae
Cleome rutidosperma de Candolle Capparaceae
Commelina kotschyi Hasskarl Commelinaceae
Corchorus olitorius Linnaeus Tiliaceae
Corchorus trilocularis Linnaeus Tiliaceae
Crotalaria saltiana H.C. Andrews Fabaceae
Crotalaria senegalensis Bacle Fabaceae
Cyanotis axillaris (Linnaeus) D. Don Commelinaceae
Cymbopogon proximus (Hochstetter) Stapf Poaceae
Dichanthium annulatum (Forsskal) Stapf Poaceae
Digera muricata (Linnaeus) Martius Amaranthaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria ternata (A. Richard) Stapf Poaceae
Digitaria velutina (Forsskal) Palisot de Beauvois Poaceae
Dinebra retroflexa (Vahl) Panzer Poaceae
Diploaxis eruroides (Linnaeus) de Candolle Brassicaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
Caryophyllaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Echinochloa stagnina (Retzius) Palisot de Beauvois Poaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eupatorium acalyphoides Hochstetter ex Boissier Asteraceae
Euphorbia aegyptiaca Boissier Euphorbiaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Farsetia stenoptera Hochstetter Brassicaceae
Heliotropium sudanicum F.W. Andrews Boraginaceae
Hibiscus ficulneus Linnaeus Malvaceae
Hibiscus obtusilobus Garcke Malvaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea cordofana Choisy Convolvulaceae
Ipomoea sinensis (Desrousseaux) Choisy Convolvulaceae
Ischaemum afrum (J.F. Gmelin) Dandy Poaceae
Leucas urticaefolia R. Brown Lamiaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Merremia emarginata (N.L. Burman) H. Hallier Convolvulaceae
Momordica tuberosa (Roxburgh) Cogniaux Cucurbitaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Najas graminea Delile Najadaceae
Nymphaea caerulea Savignone Nymphaeaceae
Nymphaea lotus Linnaeus Nymphaeaceae

Oryza perennis Moench Poaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Oxygonum atriplicifolium (Meissner) Martius Polygonaceae
Panicum hygrocharis Steudel Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Phyllanthus maderaspatensis Linnaeus Euphorbiaceae
Physalis minima Linnaeus Solanaceae
Portulaca quadrifida Linnaeus Portulacaceae
Potamogeton ochreatus Raoul Potamogetonaceae
Pulicaria crispa Schultes-Biponius Asteraceae
Rhynchosia xemnonia (Delile) de Candolle Fabaceae
Rottboellia exaltata Linnaeus Poaceae
Saccharum spontaneum Linnaeus Poaceae
Scirpus supinus Linnaeus Cyperaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Solanum dubium Fresenius Solanaceae
Sonchus cornutus Hochstetter ex Steudel Asteraceae
Tephrosia uniflora Persoon Fabaceae
Thunbergia annua Hochstetter ex Nees Acanthaceae
Trianthema pentandra Linnaeus Aizoaceae
Tridax procumbens Linnaeus Asteraceae
Urochloa panicoides Palisot de Beauvois Poaceae
Utricularia stellaris Linnaeus f. Lentibulariaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae

Surinam

Acroceras zizanioides (Humboldt, Bonpland, Kunth) Dandy Poaceae
Aeschynomene sensitiva Swartz Fabaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Borreria alata (Aublet) de Candolle Rubiaceae
Cleome rutidosperma de Candolle Capparaceae
Croton hirtus L'Heritier Euphorbiaceae
Croton lobatus Linnaeus Euphorbiaceae
Digitaria microbachne (Presl) Henrard Poaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Eleocharis mutata R. Brown Cyperaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Hemidiodia ocimifolia (Willdenow) K. Schumacher Rubiaceae
Hymenachne amplexicaulis (Rudge) Nees Poaceae
Indigofera hirsuta Linnaeus Fabaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ischaemum rugosum Salisbury Poaceae
Leptochloa scabra Nees Poaceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae

Luziola spruceana Benth. ex Doellinger Poaceae
Nymphaea amazonum Martius & Zuccarini Nymphaeaceae
Nymphoides humboldtianum (Humboldt, Bonpland, Kunth) O. Kuntze
 Menyanthaceae
Oldenlandia lancifolia (Schumacher) de Candolle Rubiaceae
Panicum chloroticum Nees Poaceae
Panicum laxum Swartz Poaceae
Spigelia anthelmia Linnaeus Loganiaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Stachytarpheta urticaefolia (Salisbury) Sims Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Wedelia trilobata (Linnaeus) Hitchcock Asteraceae

Swaziland

Acacia nilotica (Linnaeus) Delile Fabaceae
Cleome monophylla Linnaeus Capparidaceae
Commelina benghalensis Linnaeus Commelinaceae
Cyperus distans Linnaeus f. Cyperaceae
Echinochloa holubii (Stapf) Stapf Poaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Oryza punctata Kotschy ex Steudel Poaceae
Paspalum commersonii Lamarck Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Urochloa panicoides Palisot de Beauvois Poaceae

Sweden

Chenopodium ficifolium Smith Chenopodiaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Nymphaea alba Linnaeus Nymphaeaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Teucrium scordium Linnaeus Lamiaceae

Switzerland

Chenopodium ficifolium Smith Chenopodiaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Lepidium schinzii Thellung Brassicaceae
Veratrum lobelianum Bernh. Liliaceae

Taiwan

Acalypha australis Linnaeus Euphorbiaceae
Alternanthera nodiflora R. Brown Amaranthaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Ammannia baccifera Linnaeus Lythraceae
Blyxa japonica (Miquel) Maximowicz Hydrocharitaceae
Bothriospermum tenellum (Hornemann) Fischer & Meyer Boraginaceae
Centipeda minima (Linnaeus) A. Braun & Ascherson Asteraceae
Chenopodium ficifolium Smith Chenopodiaceae
Chysopogon aciculatus (Retzius) Trinius Poaceae

Commelina benghalensis Linnaeus Commelinaceae
Corchorus aestuans Linnaeus Tiliaceae
Crotalaria saltiana H.C. Andrews Fabaceae
Cyrtococcum patens (Linnaeus) A. Camus Poaceae
Dichrocephala bicolor (Roth) Schlechter Asteraceae
Digitaria adscendens (Humboldt, Bonpland, Kunth) Henrard Poaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria microbachne (Presl) Henrard Poaceae
Digitaria timorensis (Kunth) Balansa Poaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Benth
 Scrophulariaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Emex australis Steinheil Polygonaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis japonica (Thunberg) Trinius Poaceae
Erechtites valerianaefolia de Candolle Asteraceae
Eriocaulon cinereum R. Brown Eriocaulaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Fimbristylis aestivalis (Retzius) Vahl Cyperaceae
Fuirena glomerata Lamarck Cyperaceae
Gnaphalium indicum Linnaeus Asteraceae
Gomphrena celosioides Martius Amaranthaceae
Hyptis brevipes Poiteau Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Indigofera hirsuta Linnaeus Fabaceae
Ipomoea hardwickii Hemsley Convolvulaceae
Ipomoea littoralis Blume Convolvulaceae
Isachne kunthiana (Wight & Arnott) Miquel Poaceae
Juncus leschenaultii J. Gay ex Laharpe Juncaceae
Juncus prismatocarpus R. Brown Juncaceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Limnophila sessiliflora (Vahl) Blume Scrophulariaceae
Lindernia ciliata (Colsmann) Pennell Scrophulariaceae
Lindernia cordifolia (Colsmann) Merrill Scrophulariaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Lindernia ruelloides (Colsmann) Pennell Scrophulariaceae
Lobelia chinensis Loureiro Campanulaceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Ludwigia perennis Linnaeus Onagraceae
Ludwigia prostrata Roxburgh Onagraceae
Mazus pumilus (N.L. Burman) Steenis Scrophulariaceae
Melastoma malabathricum Linnaeus Melastomataceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mimosa invisa Martius ex Colla Fabaceae

Mimosa pudica Linnaeus Fabaceae
Mollugo pentaphylla Linnaeus Aizoaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Najas graminea Delile Najadaceae
Oenanthe javanica (Blume) de Candolle Apiaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Paspalum commersonii Lamarck Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Passiflora suberosa Linnaeus Passifloraceae
Polygonum nepalense Meissner Polygonaceae
Polygonum plebeium R. Brown Polygonaceae
Portulaca quadrifida Linnaeus Portulacaceae
Rhodomyrtus tomentosa (W. Aiton) Hasskarl Myrtaceae
Rorippa indica (Linnaeus) Hiern Brassicaceae
Rotala indica (Willdenow) Koehne Lythraceae
Rotala rotundifolia Koehne Lythraceae
Sagittaria pygmaea Miquel Alismataceae
Sagittaria sagittifolia Linnaeus Alismataceae
Sagittaria trifolia Linnaeus Alismataceae
Saussurea lyrata (Blume) Franchet Asteraceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Scirpus wallichii Nees Cyperaceae
Setaria palmifolia (Willdenow) Stapf Poaceae
Siegesbeckia orientalis Linnaeus Asteraceae
Sporobolus diander (Retzius) Palisot de Beauvois Poaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae

Tanzania

Acacia stuhlmannii Taubert Fabaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Annona senegalensis Persoon Annonaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Brachiaria deflexa (Schumacher) C.E. Hubbard Poaceae
Brachiaria erucaeformis (J.E. Smith) Grisebach Poaceae
Canthium hispidum Benthham Rubiaceae
Cerastium indicum Wight & Arnott Caryophyllaceae
Cleome monophylla Linnaeus Capparaceae
Cleome rutidosperma de Candolle Capparaceae
Commelina benghalensis Linnaeus Commelinaceae
Corchorus trilocularis Linnaeus Tiliaceae
Cynoglossum coeruleum Hochstetter ex de Candolle Boraginaceae
Cyperus bulbosus Vahl Cyperaceae
Digitaria scalarum (Schweinfurth) Chiovenda Poaceae
Digitaria ternata (A. Richard) Stapf Poaceae
Digitaria velutina (Forsskal) Palisot de Beauvois Poaceae

Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Eragrostis aethiopica Chiovenda Poaceae
Eragrostis tenuifolia Hochstetter Poaceae
Euclea divinorum Hiern Ebenaceae
Galium spurium Linnaeus Rubiaceae
Gisekia africana (Loureiro) O. Kuntze Phytolaccaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Leucas glabrata R. Brown Lamiaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Najas graminea Delile Najadaceae
Nymphaea caerulea Savignone Nymphaeaceae
Oxygonum sinuatum (Meissner) Dammer Polygonaceae
Panicum trichocladum Hackel ex Schumacher Poaceae
Pennisetum clandestinum Hochstetter Poaceae
Potamogeton schweinfurthii A. Bennett Potamogetonaceae
Rottboellia exaltata Linnaeus Poaceae
Scirpus mucronatus Linnaeus Cyperaceae
Scirpus supinus Linnaeus Cyperaceae
Securinega virosa (Roxburgh ex Willdenow) Baillon Euphorbiaceae
Setaria homonyma (Steudel) Chiovenda Poaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Sonchus exauriculatus (Oliver & Hiern) O. Hoffmann Asteraceae
Sphaeranthus bullatus Mattfeld Asteraceae
Tarchonanthus camphoratus Linnaeus Asteraceae
Trichodesma zeylanicum R. Brown Boraginaceae
Tridax procumbens Linnaeus Asteraceae
Vallisneria spiralis Linnaeus Hydrocharitaceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Tasmania *Ageratina adenophora* (Sprengel) R.M. King & H. Robinson Asteraceae
 Cordia boissieri A. de Candolle Boraginaceae
 Pennisetum clandestinum Hochstetter Poaceae
 Urochloa panicoides Palisot de Beauvois Poaceae

Thailand *Acalypha indica* Linnaeus Euphorbiaceae
 Aeschynomene aspera Linnaeus Fabaceae
 Ageratina adenophora (Sprengel) R.M. King & H. Robinson Asteraceae
 Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
 Blyxa japonica (Miquel) Maximowicz Hydrocharitaceae
 Boerhavia diffusa Linnaeus Nyctaginaceae
 Borreria alata (Aublet) de Candolle Rubiaceae
 Brachiaria paspaloides (Presl) C.E. Hubbard Poaceae

Centipeda minima (Linnaeus) A. Braun & Ascherson Asteraceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Cleome rutidosperma de Candolle Capparaceae
Commelina benghalensis Linnaeus Commelinaceae
Corchorus aestuans Linnaeus Tiliaceae
Corchorus capsularis Linnaeus Tiliaceae
Corchorus olitorius Linnaeus Tiliaceae
Cyanotis axillaris (Linnaeus) D. Don Commelinaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria microbachne (Presl) Henrard Poaceae
Digitaria ternata (A. Richard) Stapf Poaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Bentham
 Scrophulariaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eragrostis unioloides (Retzius) Nees ex Steudel Poaceae
Erechtites valerianaefolia de Candolle Asteraceae
Eriochloa procera (Retzius) C.E. Hubbard Poaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Fimbristylis ferruginea (Linnaeus) Vahl Cyperaceae
Fuirena glomerata Lamarck Cyperaceae
Glinus oppositifolius (Linnaeus) A. de Candolle Aizoaceae
Gomphrena celosioides Martius Amaranthaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea littoralis Blume Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Isachne globosa (Thunberg) O. Kuntze Poaceae
Ischaemum aristatum Linnaeus Poaceae
Ischaemum rugosum Salisbury Poaceae
Leptochloa chinensis (Linnaeus) Nees Poaceae
Limnocharis flava (Linnaeus) J. Buchanan Butomaceae
Limnophila heterophylla Benth Scrophulariaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Ludwigia erecta (Linnaeus) Hara Onagraceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Mazus pumilus (N.L. Burman) Steenis Scrophulariaceae
Melastoma malabathricum Linnaeus Melastomataceae
Merremia aegyptia (Linnaeus) Urban Convolvulaceae
Mikania cordata (N.L. Burman) B.L. Robinson Asteraceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa pudica Linnaeus Fabaceae
Mimulus orbicularis Wallich Scrophulariaceae

Mollugo pentaphylla Linnaeus Aizoaceae
Monochoria vaginalis (N.L. Burman) Presl Pontederiaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Najas graminea Delile Najadaceae
Nymphaea lotus Linnaeus Nymphaeaceae
Nymphaea nouchali N.L. Burman Nymphaeaceae
Oryza perennis Moench Poaceae
Oryza rufipogon Griffith Poaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Panicum luzonense Presl Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Pennisetum pedicellatum Trinius Poaceae
Pennisetum polystachyon (Linnaeus) Schultes Poaceae
Pentapetes phoenicea Linnaeus Sterculiaceae
Physalis minima Linnaeus Solanaceae
Polytrias amaura (Buse) O. Kuntze Poaceae
Portulaca quadrifida Linnaeus Portulacaceae
Rotala indica (Willdenow) Koehne Lythraceae
Rotala rotundifolia Koehne Lythraceae
Rottboellia exaltata Linnaeus Poaceae
Ruellia tuberosa Linnaeus Acanthaceae
Saccharum spontaneum Linnaeus Poaceae
Sagittaria sagittifolia Linnaeus Alismataceae
Scirpus articulatus Linnaeus Cyperaceae
Scirpus grossus Linnaeus f. Cyperaceae
Scirpus juncoides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Scirpus mucronatus Linnaeus Cyperaceae
Scleria poaeformis Retzius Cyperaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Solanum torvum Swartz Solanaceae
Sphaeranthus africanus Linnaeus Asteraceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae
Urochloa panicoides Palisot de Beauvois Poaceae
Utricularia aurea Loureiro Lentibulariaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

Trinidad

Acroceras zizanioides (Humboldt, Bonpland, Kunth) Dandy Poaceae
Aeschynomene sensitiva Swartz Fabaceae
Ageratina adenophora (Sprengel) R.M. King & H. Robinson Asteraceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Andropogon condensatus Humboldt, Bonpland, Kunth Poaceae
Blechum pyramidatum (Lamarck) Urban Acanthaceae

Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria laevis (Lamarck) Grisebach Rubiaceae
Borreria ocymoides (N.L. Burman) de Candolle Rubiaceae
Borreria verticillata (Linnaeus) G.F.W. Meyer Rubiaceae
Bothriochloa pertusa (Linnaeus) A. Camus Poaceae
Brachiaria paspaloides (Presl) C.E. Hubbard Poaceae
Cissampelos pareira Linnaeus Menispermaceae
Cleome rutidosperma de Candolle Capparaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Cordia curassavica Roemer & Schultes Boraginaceae
Croton hirtus L'Heritier Euphorbiaceae
Croton lobatus Linnaeus Euphorbiaceae
Cyperus distans Linnaeus f. Cyperaceae
Desmodium procumbens Hitchcock Fabaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
Caryophyllaceae
Egletes prostrata O. Kuntze Asteraceae
Emex australis Steinheil Polygonaceae
Emilia fosbergii Nicolson Asteraceae
Emilia sonchifolia (Linnaeus) de Candolle ex Wight Asteraceae
Eriochloa procera (Retzius) C.E. Hubbard Poaceae
Erythroxylon coca Lamarck Erythroxylaceae
Euphorbia oerstediana Boissier Euphorbiaceae
Euphorbia prunifolia Jacquin Euphorbiaceae
Euphorbia thymifolia Linnaeus Euphorbiaceae
Flemingia strobilifera W.T. Aiton Fabaceae
Hedyotis herbacea Linnaeus Rubiaceae
Heliconia psittacorum Linnaeus f. Heliconiaceae
Hymenachne amplexicaulis (Rudge) Nees Poaceae
Hyptis capitata Jacquin Lamiaceae
Hyptis pectinata (Linnaeus) Poiteau Lamiaceae
Imperata brasiliensis Trinius Poaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ischaemum aristatum Linnaeus Poaceae
Ischaemum rugosum Salisbury Poaceae
Ischaemum timorense Kunth Poaceae
Lantana trifolia Linnaeus Verbenaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Leptochloa scabra Nees Poaceae
Ludwigia hyssopifolia (G. Don) Exell Onagraceae
Mariscus rufus Humboldt, Bonpland, Kunth Cyperaceae
Mecardonia dianthera (Swartz) Pennell Scrophulariaceae
Mikania micrantha Humboldt, Bonpland, Kunth Asteraceae
Mimosa pudica Linnaeus Fabaceae
Panicum laxum Swartz Poaceae
Paspalum fasciculatum Willdenow ex Fluegge Poaceae

Paspalum paniculatum Linnaeus Poaceae
Piper tuberculatum Jacquin Piperaceae
Portulaca quadrifida Linnaeus Portulacaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Rottboellia exaltata Linnaeus Poaceae
Ruellia tuberosa Linnaeus Acanthaceae
Scleria melaleuca Reichenbach ex Schlechter & Chamisso Cyperaceae
Setaria barbata (Lamarck) Kunth Poaceae
Setaria poiretiana (Schultes) Kunth Poaceae
Spigelia anthelmia Linnaeus Loganiaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta indica (Linnaeus) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Wedelia trilobata (Linnaeus) Hitchcock Asteraceae

Tunisia

Arum italicum Miller Araceae
Avena sterilis Linnaeus subsp. *ludoviciana* (Durieu) Nyman Poaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Biscutella didyma Linnaeus Brassicaceae
Calendula arvensis Linnaeus Asteraceae
Centaurea acaulis Linnaeus Asteraceae
Convolvulus tricolor Linnaeus Convolvulaceae
Crepis bulbosa Tausch Asteraceae
Digitaria longiflora (Retzius) Persoon Poaceae
Diplotaxis erucoides (Linnaeus) de Candolle Brassicaceae
Ecballium elaterium (Linnaeus) A. Richard Cucurbitaceae
Echinochloa pyramidalis (Lamarck) Hitchcock & A. Chase Poaceae
Echium plantagineum Linnaeus Boraginaceae
Fumaria agraria Lagasca y Segura Fumariaceae
Fumaria parviflora Lamarck Fumariaceae
Geranium tuberosum Linnaeus Geraniaceae
Gladiolus byzantinus Miller Iridaceae
Gladiolus segetum Ker-Gawler Iridaceae
Hypericum crispum Linnaeus Clusiaceae
Ipomoea aquatica Forsskal Convolvulaceae
Lathyrus ochrus de Candolle Fabaceae
Linaria triphylla (Linnaeus) Miller Scrophulariaceae
Lolium rigidum Gaudin Poaceae
Lotus purpureus (Moench) Webb Fabaceae
Medicago intertexta (L.) Miller var. *ciliaris* (Linnaeus) Heyn Fabaceae
Nymphaea alba Linnaeus Nymphaeaceae
Ornithogalum pyrenaicum Linnaeus Liliaceae
Pennisetum clandestinum Hochstetter Poaceae
Prosopis farcta (Solander ex Russell) Macbride Fabaceae

Ridolfia segetum (Linnaeus) Moris Apiaceae
Scolymus hispanicus Linnaeus Asteraceae
Senecio leucanthemifolius Poiret Asteraceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Silene rubella Linnaeus Caryophyllaceae
Thesium humile Vahl Santalaceae

Turkey

Aristolochia maurorum Linnaeus Aristolochiaceae
Calendula arvensis Linnaeus Asteraceae
Carthamus lanatus Linnaeus Asteraceae
Centaurea depressa Bieberstein Asteraceae
Cephalaria syriaca (Linnaeus) Schrader Dipsacaceae
Chenopodium ficifolium Smith Chenopodiaceae
Chrozophora tinctoria (Linnaeus) A. Jussieu Euphorbiaceae
Cirsium acarna (Linnaeus) Moench Asteraceae
Cirsium syriacum (Linnaeus) Gaertner Asteraceae
Corchorus olitorius Linnaeus Tiliaceae
Diploaxis erucoides (Linnaeus) de Candolle Brassicaceae
Erucaria aleppica Gaertner Brassicaceae
Eryngium campestre Linnaeus Apiaceae
Euphorbia allepica Linnaeus Euphorbiaceae
Geranium tuberosum Linnaeus Geraniaceae
Glycyrrhiza echinata Linnaeus Fabaceae
Hypecoum grandiflorum Benthams Papaveraceae
Hypericum crispum Linnaeus Clusiaceae
Ipomoea aquatica Forsskal Convolvulaceae
Leontice leontopetalum Linnaeus Berberidaceae
Misopates orontium (Linnaeus) Rafinesque Scrophulariaceae
Molucella laevis Linnaeus Lamiaceae
Muscari comosum (Linnaeus) Miller Liliaceae
Nymphaea alba Linnaeus Nymphaeaceae
Papaver hybridum Linnaeus Papaveraceae
Potamogeton ochreatus Raoul Potamogetonaceae
Prosopis farcta (Solander ex Russell) Macbride Fabaceae
Ridolfia segetum (Linnaeus) Moris Apiaceae
Rubus fruticosus Linnaeus Rosaceae
Scirpus grossus Linnaeus f. Cyperaceae

Uganda

Acacia hockii De Wildemann Fabaceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Amaranthus thunbergii Moquin-Tandon Amaranthaceae
Asystasia schimperi T. Anderson Acanthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Brachiaria deflexa (Schumacher) C.E. Hubbard Poaceae
Cleome monophylla Linnaeus Capparaceae
Cleome rutidosperma de Candolle Capparaceae
Commelina africana Linnaeus Commelinaceae

Commelina benghalensis Linnaeus Commelinaceae
Corchorus olitorius Linnaeus Tiliaceae
Digitaria scalarum (Schweinfurth) Chiovenda Poaceae
Digitaria ternata (A. Richard) Stapf Poaceae
Digitaria velutina (Forsskal) Palisot de Beauvois Poaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
 Caryophyllaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Justicia flava Kurz Acanthaceae
Lantana trifolia Linnaeus Verbenaceae
Najas graminea Delile Najadaceae
Nymphaea caerulea Savignone Nymphaeaceae
Pennisetum clandestinum Hochstetter Poaceae
Rottboellia exaltata Linnaeus Poaceae
Setaria pallide-fusca (Schumacher) Stapf & Hubbard Poaceae
Siegesbeckia orientalis Linnaeus Asteraceae
Sorghum verticilliflorum (Steudel) Stapf Poaceae
Synedrella nodiflora (Linnaeus) Gaertner Asteraceae
Tridax procumbens Linnaeus Asteraceae
Urochloa panicoides Palisot de Beauvois Poaceae
Vallisneria spiralis Linnaeus Hydrocharitaceae
Vernonia cinerea (Linnaeus) Lessing Asteraceae
Wolffia arrhiza (Linnaeus) Wimmer Lemnaceae

United States

Acalypha alopecuroides Jacquin Euphorbiaceae
Aeschynomene sensitiva Swartz Fabaceae
Ageratina riparia (Regel) R.M. King & H. Robinson Asteraceae
Alisma lanceolatum Witherinng Alismataceae
Alternanthera sessilis (Linnaeus) de Candolle Amaranthaceae
Amsinckia calycina (Moris) Chater Boraginaceae
Anredera cordifolia (Tenore) Steenis Basellaceae
Anthemis mixta Linnaeus Asteraceae
Arum italicum Miller Araceae
Asphodelus fistulosus Linnaeus Liliaceae
Avena sterilis Linnaeus subsp. *sterilis* Poaceae
Blechum pyramidatum (Lamarck) Urban Acanthaceae
Boerhavia diffusa Linnaeus Nyctaginaceae
Borreria laevis (Lamarck) Grisebach Rubiaceae
Borreria ocymoides (N.L. Burman) de Candolle Rubiaceae
Borreria verticillata (Linnaeus) G.F.W. Meyer Rubiaceae
Bothriochloa pertusa (Linnaeus) A. Camus Poaceae
Bothriospermum tenellum (Hornemann) Fischer & Meyer Boraginaceae
Boussingaultia gracilis Miers Basellaceae
Brachiaria erucaeformis (J.E. Smith) Grisebach Poaceae
Brachiaria piligera D.K. Hughes Poaceae
Caesalpinia decapetala (Roth) Alston Fabaceae
Calendula arvensis Linnaeus Asteraceae

Calopogonium mucunoides Desvaux Fabaceae
Carthamus lanatus Linnaeus Asteraceae
Centipeda minima (Linnaeus) A. Braun & Ascherson Asteraceae
Cephalaria syriaca (Linnaeus) Schrader Dipsacaceae
Chrysopogon aciculatus (Retzius) Trinius Poaceae
Cicuta mackenzieana Raup Apiaceae
Cissampelos pareira Linnaeus Menispermaceae
Cleome viscosa Linnaeus Capparaceae
Clerodendrum philippinum Schauer Verbenaceae
Clidemia hirta (Linnaeus) D. Don Melastomataceae
Commelina benghalensis Linnaeus Commelinaceae
Corchorus aestuans Linnaeus Tiliaceae
Cordia boissieri A. de Candolle Boraginaceae
Crassocephalum crepidioides (Benth) S. Moore Asteraceae
Croton lobatus Linnaeus Euphorbiaceae
Cucumis myriocarpus Naudin Cucurbitaceae
Cuphea wrightii A. Gray Lythraceae
Desmodium procumbens Hitchcock Fabaceae
Dichanthium annulatum (Forsskal) Stapf Poaceae
Dichrostachys cinerea (Linnaeus) Wight & Arnott Fabaceae
Digitaria longiflora (Retzius) Persoon Poaceae
Digitaria microbachne (Presl) Henrard Poaceae
Dioscorea bulbifera Linnaeus Dioscoreaceae
Diplotaxis erucoides (Linnaeus) de Candolle Brassicaceae
Dopatrium junceum (Roxburgh) Buchanan-Hamilton ex Benth
Scrophulariaceae
Drymaria cordata (Linnaeus) Willdenow ex Roemer & Schultes
Caryophyllaceae
Echium plantagineum Linnaeus Boraginaceae
Elephantopus scaber Linnaeus Asteraceae
Emex australis Steinheil Polygonaceae
Emex spinosa (Linnaeus) Campdera Polygonaceae
Emilia fosbergii Nicolson Asteraceae
Enhydra sessilis de Candolle Asteraceae
Eragrostis unioloides (Retzius) Nees ex Steudel Poaceae
Erechtites valerianaefolia de Candolle Asteraceae
Eriocaulon cinereum R. Brown Eriocaulaceae
Eucalyptus pilularis J.E. Smith Myrtaceae
Euphorbia oerstediana Boissier Euphorbiaceae
Fimbristylis ferruginea (Linnaeus) Vahl Cyperaceae
Fimbristylis quinquangularis (Vahl) Kunth Cyperaceae
Fuirena umbellata Rottboell Cyperaceae
Fumaria capreolata Linnaeus Fumariaceae
Fumaria parviflora Lamarck Fumariaceae
Galeopsis speciosa Miller Lamiaceae
Galium spurium Linnaeus Rubiaceae
Gladiolus byzantinus Miller Iridaceae

Gladiolus segetum Ker-Gawler Iridaceae
Glinus oppositifolius (Linnaeus) A. de Candolle Aizoaceae
Gnaphalium indicum Linnaeus Asteraceae
Hedyotis herbacea Linnaeus Rubiaceae
Hemidiodia ocimifolia (Willdenow) K. Schumacher Rubiaceae
Heracleum mantegazzianum Sommier & Levier Apiaceae
Hirschfeldia incana (Lowe) Lagreze-Fossat Brassicaceae
Hydrilla verticillata (Linnaeus f.) Royle Hydrocharitaceae
Hygrophila polysperma T. Anderson Acanthaceae
Hymenachne amplexicaulis (Rudge) Nees Poaceae
Hyptis capitata Jacquin Lamiaceae
Hyptis pectinata (Linnaeus) Poiteau Lamiaceae
Hyptis suaveolens (Linnaeus) Poiteau Lamiaceae
Imperata brasiliensis Trinius Poaceae
Imperata cylindrica (Linnaeus) Palisot de Beauvois Poaceae
Indigofera hirsuta Linnaeus Fabaceae
Ipomoea aquatica Forsskal Convolvulaceae
Ipomoea littoralis Blume Convolvulaceae
Ipomoea tiliacea (Willdenow) Choisy Convolvulaceae
Ipomoea triloba Linnaeus Convolvulaceae
Iris foetidissima Linnaeus Iridaceae
Ischaemum rugosum Salisbury Poaceae
Justicia insularis T. Anderson Acanthaceae
Lantana trifolia Linnaeus Verbenaceae
Lapsana apogonoides Maximowicz Asteraceae
Lepidium chalepense Linnaeus Brassicaceae
Leptochloa panicea (Retzius) Ohwi Poaceae
Leptochloa scabra Nees Poaceae
Leucas martinicensis R. Brown Lamiaceae
Limnophila sessiliflora (Vahl) Blume Scrophulariaceae
Lindernia procumbens (Krocker) Philcox Scrophulariaceae
Lobelia cliffortiana Linnaeus Campanulaceae
Lolium rigidum Gaudin Poaceae
Mazus pumilus (N.L. Burman) Steenis Scrophulariaceae
Mecardonia dianthera (Swartz) Pennell Scrophulariaceae
Melastoma malabathricum Linnaeus Melastomataceae
Melinis minutiflora Palisot de Beauvois Poaceae
Merremia aegyptia (Linnaeus) Urban Convolvulaceae
Merremia quinquefolia (Linnaeus) H. Hallier Convolvulaceae
Mimosa pudica Linnaeus Fabaceae
Misopates orontium (Linnaeus) Rafinesque Scrophulariaceae
Mollugo nudicaulis Lamarck Aizoaceae
Mucuna pruriens (Linnaeus) de Candolle Fabaceae
Muscari comosum (Linnaeus) Miller Liliaceae
Myrica faya Dryander Myricaceae
Najas graminea Delile Najadaceae
Nymphaea alba Linnaeus Nymphaeaceae

Oldenlandia lancifolia (Schumacher) de Candolle Rubiaceae
Ononis spinosa Linnaeus Fabaceae
Opuntia megacantha Salm-Dyck Cactaceae
Ornithogalum pyrenaicum Linnaeus Liliaceae
Ottelia alismoides (Linnaeus) Persoon Hydrocharitaceae
Ottochloa nodosa (Kunth) Dandy Poaceae
Oxalis pes-caprae Linnaeus Oxalidaceae
Oxalis purpurea Linnaeus Oxalidaceae
Paederia foetida Linnaeus Rubiaceae
Panicum laxum Swartz Poaceae
Papaver hybridum Linnaeus Papaveraceae
Paspalum paniculatum Linnaeus Poaceae
Paspalum scrobiculatum Linnaeus Poaceae
Passiflora suberosa Linnaeus Passifloraceae
Pennisetum clandestinum Hochstetter Poaceae
Pennisetum pedicellatum Trinius Poaceae
Pentapetes phoenicea Linnaeus Sterculiaceae
Phytolacca octandra Linnaeus Phytolaccaceae
Pinellia ternata (Thunberg) Breitenbach Araceae
Piper tuberculatum Jacquin Piperaceae
Pluchea indica (Linnaeus) Lessing Asteraceae
Polygonum nepalense Meissner Polygonaceae
Polygonum segetum Humboldt, Bonpland, Kunth Polygonaceae
Portulaca quadrifida Linnaeus Portulacaceae
Potamogeton ochreateus Raoul Potamogetonaceae
Pseudechinolaena polystachya (Humboldt, Bonpland, Kunth) Stapf
Poaceae
Pseudelephantopus spicatus (Jussieu ex Aublet) C.F. Baker Asteraceae
Psoralea corylifolia Linnaeus Fabaceae
Pueraria phaseoloides (Roxburgh) Bentham Fabaceae
Rhodomyrtus tomentosa (W. Aiton) Hasskarl Myrtaceae
Rhynchospora tenuis Link Cyperaceae
Romulea rosea (Linnaeus) Ecklon Iridaceae
Rorippa indica (Linnaeus) Hiern Brassicaceae
Rotala indica (Willdenow) Koehne Lythraceae
Rottboellia exaltata Linnaeus Poaceae
Rubus caesius Linnaeus Rosaceae
Rubus fruticosus Linnaeus Rosaceae
Rubus moluccanus Linnaeus Rosaceae
Rubus penetrans L.H. Bailey Rosaceae
Rubus ulmifolius Schott Rosaceae
Ruellia tuberosa Linnaeus Acanthaceae
Rumex angiocarpus Murbeck Polygonaceae
Sabal mexicanum Martius Arecaceae
Sagina japonica (Swartz) Ohwi Caryophyllaceae
Salsola vermiculata Linnaeus Chenopodiaceae
Schizachyrium brevifolium (Swartz) Nees ex Buse Poaceae

Scirpus juncooides Roxburgh var. *hotarui* (Ohwi) Ohwi Cyperaceae
Scirpus mucronatus Linnaeus Cyperaceae
Scolymus hispanicus Linnaeus Asteraceae
Scolymus maculatus Linnaeus Asteraceae
Scorpiurus muricatus Linnaeus Fabaceae
Senecio glomeratus Desfontaines ex Poiret Asteraceae
Senecio minimus Poiret Asteraceae
Setaria barbata (Lamarck) Kunth Poaceae
Setaria palmifolia (Willdenow) Stapf Poaceae
Setaria sphacelata (Schumacher) Stapf & C.E. Hubbard Poaceae
Siegesbeckia orientalis Linnaeus Asteraceae
Solanum glaucum Dunal Solanaceae
Solanum sodomeum Linnaeus Solanaceae
Solanum torvum Swartz Solanaceae
Spigelia anthelmia Linnaeus Loganiaceae
Sporobolus diander (Retzius) Palisot de Beauvois Poaceae
Stachytarpheta cayennensis (L.C. Richard) Vahl Verbenaceae
Stachytarpheta indica (Linnaeus) Vahl Verbenaceae
Stachytarpheta jamaicensis (Linnaeus) Vahl Verbenaceae
Stachytarpheta urticaefolia (Salisbury) Sims Verbenaceae
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⁴Asterisk indicates that disseminule is illustrated.

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