

INTRODUCED FLORA OF THE NORTHERN TERRITORY

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Introduction

Included here are species regarded as post European introductions to Australia. The question of whether or not a species is introduced to NT is sometimes not easy to answer. For many species, it is impossible to know if they have been introduced through early human contact (Macassan or earlier) or spread naturally to NT. The approach taken here has been to regard species collected by R. Brown from northern Australia in 1802-3 and F. Mueller in 1855-6 from NT as native to NT, except where there is good evidence that they have been introduced by humans (e.g. *Tamarindus*). Although there is also a possibility some species could have spread the 500 or so km from the abandoned early settlements at Melville Island and Cobourg Peninsula to Victoria River in the 20-30 years between when they were settled and Gregory's expedition, this is regarded as unlikely.

Certainly, many Asian, Old World and pantropical species appear to have found their way to NT naturally (e.g. a high proportion of the wetland and rainforest flora). Possible dispersal pathways across land bridges between northern Australia and the island of New Guinea have been a regular feature of the recent geological past. The seas forming the Arafura Sea and Torres Strait probably first came into existence in the Pleistocene (2.5 mybp). This land bridge has disappeared and reformed at least seven times in the intervening period, in response to climatically driven rising and falling sea levels. At the height of the last ice age (17,000 years ago) the coast of north west Australia was 90 km or so from the Indonesian island of Roti. There are still flocks of water birds migrating back and forth from between Asia and the NT. Thus, the NT is a natural extension of range for many aquatic or dry-adapted tropical species occurring in Asia

WEEDS OF THE NORTHERN TERRITORY

ACANTHACEAE

- Andrographis*
 - paniculata* (Burm.f.) Wall. ex Nees
- Barleria*
 - lupulina* Lindl.
 - prionitis* L.
- Hygrophila*
 - triflora* (Roxb.) Fosberg & Sachet
- Ruellia*
 - tuberosa* L.

ADIANTACEAE

- Pityrogramma*
 - calomelanos* (L.) Link
 - calomelanos* var. *calomelanos*

AGAVACEAE

- Agave*
 - attenuata* Salm-Dyck

AIZOACEAE

- Galenia*
 - pubescens* (Eckl. & Zeyh.) Druce
 - pubescens* var. *pubescens*
- Trianthema*
 - portulacastrum* L.

ALOEACEAE

- Aloe*
 - vera* (L.) Burm.f.
 - vera* var. *officinalis* (Forssk.) Baker

AMARANTHACEAE

- Aerva*
 - javanica* (Burm.f.) Juss. ex Schult.
- Alternanthera*
 - dentata* (Moench) Stuehlik
 - dentata* cv. *rubra*
 - pungens* Kunth
- Amaranthus*
 - cruentus* L.
 - hybridus* L.
 - spinosus* L.
 - tricolor* L.
 - viridis* L.
- Celosia*
 - argentea* L.

- Gomphrena*
 - celosioides* Mart.
- Guilleminea*
 - densa* Moq.

ANACARDIACEAE

- Anacardium*
 - occidentale* L.
- Mangifera*
 - indica* L.
- Schinus*
 - molle* L.
 - molle* var. *areira* (L.) DC.

ANNONACEAE

- Annona*
 - reticulata* L.
 - squamosa* L.

APIACEAE

- Apium*
 - graveolens* L.
- Ciclospermum*
 - leptophyllum* (Pers.) Sprague

APOCYNACEAE

- Cascabela*
 - thevetia* (L.) Lippold
 - [*Thevetia peruviana* (Pers.) K.Schum.]
- Catharanthus*
 - roseus* (L.) Don

ARECACEAE

- Caryota*
 - mitis* Lour.
- Phoenix*
 - dactylifera* L.

ARISTOLOCHIACEAE

- Aristolochia*
 - indica* L.

ASCLEPIADACEAE

- Asclepias*
 - curassavica* L.
- Calotropis*
 - gigantea* (L.) W.T.Aiton
 - procera* (Aiton) W.T.Aiton
- Cryptostegia*

madagascariensis Bojer ex Decne.
madagascariensis var. *glaberrima* (Hochr.) J.Marohasy & P.I.Forst.
madagascariensis var. *madagascariensis*

ASTERACEAE

Acanthospermum
hispidum DC.
Ageratum
conyzoides L.
Arctotheca
calendula (L.) Levyns
Bidens
pilosa L.
Carthamus
lanatus L.
tinctorius L.
Centaurea
melitensis L.
Conyza
bonariensis (L.) Cronquist
Cotula
australis (Sieber ex Spreng.) Hook.f.
Dittrichia
graveolens (L.) Greuter
Elephantopus
spicatus B.Juss. ex Aubl.
Eleutheranthera
ruderalis (Sw.) Sch.Bip.
Emilia
sonchifolia (L.) DC.
Hedypnois
cretica (L.) Willd.
Helianthus
annuus L.
Hypochoeris
glabra L.
radicata L.
Lactuca
sativa L.
serriola L.
Osteospermum
muricatum E.Mey. ex DC.
Parthenium
hysterophorus L.
Sonchus
asper (L.) Hill
oleraceus L.
Sphagneticola
trilobata (L.) Pruski
Symphytotrichum
subulatus Michx.
[*Aster subulatus*] Michx.
Synedrella
nodiflora (L.) Gaertn.
Taraxacum
officinale Webber ex F.H.Wigg.
Tridax
procumbens L.
Verbesina
encelioides (Cav.) A.Gray
Xanthium
spinosum L.
strumarium L.

BIGNONIACEAE

Spathodea
campanulata P.Beauv.

BORAGINACEAE

Amsinckia
calycina (Moris) Chater
Buglossoides

arvensis (L.) I.M.Johnst.
Echium
plantagineum L.
Heliotropium
indicum L.
supinum L.

BRASSICACEAE

Brassica
juncea (L.) Czern.
oleracea L.
tournefortii Gouan
Capsella
bursa-pastoris (L.) Medik.
Cardamine
hirsuta L.
Carrichtera
annua (L.) DC.
Lepidium
africanum (Burm.f.) DC.
bonariense L.
Rapistrum
rugosum (L.) All.
Sisymbrium
erysimoides Desf.
irio L.
orientale L.

CACTACEAE

Opuntia
elatior Mill.
imbricata (Haw.) DC.
inermis DC.
stricta (Haw.) Haw.
stricta var. *stricta*

CAESALPINIACEAE

Bauhinia
acuminata L.
Caesalpinia
gilliesii (Wall. ex Hook.) Benth.
Cassia
fistula L.
Chamaecrista
rotundifolia (Pers.) Greene
Delonix
regia (Bojer ex Hook.) Raf.
Parkinsonia
aculeata L.
Senna
alata (L.) Roxb.
obtusifolia (L.) H.S.Irwin & Barneby
occidentalis (L.) Link
tora (L.) Roxb.
Tamarindus
indica L.

CAPPARACEAE

Cleome
aculeata L.
gynandra L.
rutidosperma DC.
Crateva
adansonii DC.
adansonii subsp. *axillaris* (Presl) M.Jacobs

CARYOPHYLLACEAE

Cerastium
glomeratum Thuill.
Gypsophila
tubulosa (Jaub. & Spach) Boiss.
Polycarpon

prostratum (Forssk.) Asch. & Schweinf.
tetraphyllum (L.) L.

Sagina

apetala Ard.

Silene

nocturna L.

Spergularia

marina (L.) Griseb.

Stellaria

media (L.) Vill.

Vaccaria

hispanica (Mill.) Rauschert

CHENOPODIACEAE

Chenopodium

album L.

murale L.

COMBRETACEAE

Quisqualis

indica L.

COMMELINACEAE

Commelina

benghalensis L.

Murdannia

nudiflora (L.) Brenan

CONVOLVULACEAE

Evolvulus

nummularis (L.) L.

Ipomoea

hederifolia L.

pes-tigridis L.

quamoclit L.

triloba L.

Merremia

aegyptia (L.) Urb.

dissecta (Jacq.) Hallier f.

CUCURBITACEAE

Citrullus

colocynthis (L.) Schrad.

lanatus (Thunb.) Matsum. & Nakai

Cucumis

myriocarpus Naudin

Momordica

balsamina L.

CYPERACEAE

Cyperus

brevifolius (Rottb.) Hassk.

compressus L.

involucratus Roth

metzii (Steud.) Kuk.

rotundus L.

sesquiflorus (Torr.) Mattf. & Kuk.

sphacelatus Rottb.

DIOSCOREACEAE

Dioscorea

alata L.

EUPHORBIACEAE

Euphorbia

chamaesyce L.

cyathophora Murray

heterophylla L.

hirta L.

hyssopifolia L.

peplus L.

prostrata Aiton

supina Raf. ex Boiss.

Jatropha

curcas L.

gossypifolia L.

Micrococca

mercurialis (L.) Benth.

Phyllanthus

amarus Schumann & Thonn.

debilis Klein ex Willd.

emblica L.

Ricinus

communis L.

FABACEAE

Aeschynomene

americana L.

paniculata Willd. ex Vogel

villosa Poir.

Alysicarpus

ovalifolius (Schumach.) Leonard

vaginalis (L.) DC.

Calopogonium

mucunoides Desv.

Centrosema

molle Benth.

pasuorum Mart. ex Benth.

plumieri (Turp. ex Pers.) Benth.

Clitoria

ternatea L.

Crotalaria

gorensis Guill. & Perr.

incana L.

juncea L.

lanceolata E. Mey.

pallida Aiton

pallida var. *obovata* (G. Don) Polh.

prostrata Rottl.

Dalbergia

sissoo Roxb.

Desmodium

scorpiurus (Sw.) Desv.

toruosum (Sw.) DC.

triflorum (L.) DC.

Indigofera

cordifolia L.

glandulosa Willd.

hirsuta L.

tinctoria L.

Macroptilium

atropurpureum (DC.) Urb.

lathyroides (L.) Urb.

Medicago

minima (L.) L. ex Bartal.

polymorpha L.

polymorpha var. *brevispina* (Benth.) Heyn

polymorpha var. *vulgaris* (Benth.) Shinnars

sativa L.

scutellata (L.) Mill.

tornata (L.) Mill.

truncatula Gaertn.

Melilotus

indicus (L.) All.

Mucuna

pruriens (L.) DC.

pruriens var. *utilis* (Wight) Burck

Pterocarpus

indicus Willd.

Stylosanthes

guianensis (Aublet) Sw.

hamata (L.) Taub.

humilis Kunth

scabra Vogel

viscosa Sw.
Tephrosia
nana Kotschy
Vicia
monantha Retz.
monantha subsp. *monantha*
monantha subsp. *triflora* (Ten.) B.L.Burt & P.Lewis

FUMARIACEAE

Fumaria
densiflora DC.
indica (Hauskn.) Pugsley
parviflora Lam.
parviflora var. *parviflora*

GERANIACEAE

Erodium
aureum Carolin
botrys (Cav.) Bertol.
cicutarium (L.) L'Her. ex Aiton

JUNCACEAE

Juncus
acutus L.
acutus subsp. *acutus*
bufonius L.A.S.Johnson

LAMIACEAE

Hyptis
capitata Jacq.
spicigera Lam.
suaveolens (L.) Poit.
Lamium
amplexicaule L.
Leonotis
nepetifolia (L.) R.Br.
Salvia
verbenaca L.

LILIACEAE

Asphodelus
fistulosus L.
Sansevieria
trifasciata Pram

LYGODIACEAE

Lygodium
japonicum (Thunb.) Sw.

LYTHRACEAE

Ammannia
auriculata Willd.

MALVACEAE

Abutilon
theophrasti Medik.
Gossypium
hirsutum L.
Hibiscus
sabdariffa L.
Malachra
capitata (L.) L.
fasciata Jacq.
fasciata var. *lineariloba* (Turcz.) Gurke
Malva
parviflora L.
Malvastrum
americanum (L.) Torr.
coromandelianum (L.) Garcke
Sida
acuta Burm.f.
cordifolia L.

rhombofolia L.

MELIACEAE

Azadirachta
indica A.Juss.
Khaya
senegalensis (Desr.) A.Juss.

MIMOSACEAE

Acacia
catechu (L.f.) Willd.
catechu var. *sundra* (Roxb.) Kurz
mangium Willd.
nilotica (L.) Delile
nilotica subsp. *indica* (Benth.) Brenan
Desmanthus
virgatus (L.) Willd.
Dichrostachys
cinerea (L.) Wight & Arn.
cinerea subsp. *malesiana* Brenan & Brummitt
Leucaena
leucocephala (Lam.) de Wit
leucocephala subsp. *glabrata* (Rose) Zarate
leucocephala subsp. *leucocephala*
Mimosa
pigra L.
pudica L.
pudica var. *hispida* Brenan
pudica var. *unijuga* (Walp. & Duchass.) Griseb.
Prosopis
pallida (Humb. & Bonpl. ex Willd.) Kunth
velutina Wooton

MYRSINACEAE

Ardisia
humilis Vahl

NEURADACEAE

Neurada
procumbens L.

ONAGRACEAE

Oenothera
indecora Cambess
indecora subsp. *bonariensis* W.Dietr.
stricta Ledeb. ex Link
stricta subsp. *stricta*

ORCHIDACEAE

Eulophia
graminea Lindl.

OXALIDACEAE

Oxalis
corniculata L.
debilis Kunth
debilis var. *corymbosa* (DC.) Lourteig
pes-caprae L.

PAPAVERACEAE

Argemone
ochroleuca Sweet
ochroleuca subsp. *ochroleuca*
Glaucium
corniculatum (L.) Rudolph
Papaver
hybridum L.
somniferum L.

PASSIFLORACEAE

Passiflora
foetida L.

suberosa L.

PEDALIACEAE

Martynia

annua L.

Sesamum

indicum L.

PIPERACEAE

Peperomia

pellucida (L.) Kunth

PLANTAGINACEAE

Plantago

coronopus L.

coronopus subsp. *coronopus*

lanceolata L.

POACEAE

Agrostis

viridis Gouan

Andropogon

gayanus Kunth

Arundo

donax L.

donax var. *donax*

Avena

fatua L.

Axonopus

compressus (Sw.) P.Beauv.

Bambusa

vulgaris Schrad. ex Wendl.

Bothriochloa

pertusa (L.) A.Camus

Briza

maxima L.

Bromus

catharticus J.Vahl

diandrus Roth

madritensis L.

Cenchrus

biflorus Roxb.

brownii Roem. & Schult.

ciliaris L.

echinatus L.

longispinus (Hack.) Fernald

setiger Vahl

Chloris

barbata Sw.

gayana Kunth

pilosa K.Schum.

truncata R.Br.

virgata Sw.

Chrysopogon

aciculatus (Retz.) Trin.

Cynodon

dactylon (L.) Pers.

radiatus Roth ex Roem. & Schult.

Dactyloctenium

aegyptium (L.) Willd.

Dichanthium

annulatum (Forssk.) Stapf

Digitaria

bicornis (Lam.) Roem. & Schult.

ciliaris (Retz.) Koeler

violascens Link

Echinochloa

colona (L.) Link

crus-galli (L.) P.Beauv.

esculenta (A.Braun) H.Scholz

polystachya (Kunth) Hitchc.

Eleusine

indica (L.) Gaertn.

Eragrostis

amabilis (L.) Wight & Arn. ex Nees

[*Eragrostis tenella* (L.) P.Beauv. ex Roem. & Schult.]

barrelieri Daveau

cilianensis (All.) Vignolo ex Janch.

infecunda J.M.Black

mexicana (Hornem.) Link

minor Host

pilosa (L.) P.Beauv.

superba Peyr.

tenuifolia (A.Rich.) Hochst. ex Steud.

trichophora Coss. & Dur.

Festuca

elatior L.

Hordeum

glaucum Steud.

leporinum Link

Hymenachne

amplexicaulis (Rudge) Nees

Hyparrhenia

rufa (Nees) Stapf

Leptochloa

fusca (L.) Kunth

fusca subsp. *uninervia* (J.Presl) N.Snow

Lolium

loliaceum (Bory & Chaub.) Hand.-Mazz.

perenne L.

rigidum Gaudin

Melinis

minutiflora P.Beauv.

repens (Willd.) Zizka

Oryza

sativa L.

Panicum

antidotale Retz.

gilvum Launert

miliaceum L.

Paspalum

conjugatum P.J.Bergius

dilatatum Poir.

plicatulum Michx.

Pennisetum

clandestinum Chiov.

pedicellatum Trin.

pedicellatum subsp. *pedicellatum*

pedicellatum subsp. *unispiculum* Brunken

polystachion (L.) Schult.

polystachion subsp. *setosum* (Sw.) Brunken

purpureum Schumach.

setaceum (Forssk.) Chiov.

Piptatherum

miliaceum (L.) Coss.

Poa

annua L.

pratensis L.

Polypogon

monspeiliensis (L.) Desf.

Rostraria

cristata (L.) Tzvelev

Saccharum

spontaneum L.

Schismus

barbatus (L.) Juel

Setaria

incrassata (Hochst.) Hack.

italica (L.) P.Beauv.

sphacelata (K.Schum.) Moss

verticillata (L.) P.Beauv.

Sorghum

almum Parodi

bicolor (L.) Moench

Sporobolus
africanus (Poir.) Robyns & Tournay
coromandelianus (Retz.) Kunth
jacquemontii Kunth
natalensis (Steud.) Dur. & Schinz.
pyramidalis P.Beauv.

Themeda
quadrivalvis (L.) Kuntze

Urochloa
humidicola (Rendle) O.Morrone & F.O.Zuloaga
maxima (Jacq.) R.D.Webster
mosambicensis (Hack.) Dandy
mutica (Forssk.) T.Q.Nguyen
ramosa (L.) R.D.Webster

Vulpia
myuros (L.) C.C.Gmel.

POLYGONACEAE

Acetosa
vesicaria (L.) A.Love

Antigonon
leptopus Hook. & Arn.

Emex
australis Steinh.

Polygonum
aviculare L.

Rumex
brownii Campd.
crispus L.

PONTEDERIACEAE

Eichhornia
crassipes (C.Mart.) Solms

PORTULACACEAE

Portulaca
oleracea L.
oleracea var. *Weedy* (C.S.Robinson 162)
pilosa L.

RHAMNACEAE

Ziziphus
mauritiana Lam.

RUBIACEAE

Mitracarpus
hirtus (L.) DC.
Oldenlandia
corymbosa L.
corymbosa var. *corymbosa*

Richardia
brasiliensis Gomes
scabra L.

Spermacoce
articularis L.f.
[*Spermacoce hispida* L.]
latifolia Aubl.
remota Lam.
[*Spermacoce assurgens* Ruiz & Pav.]
verticillata L.

RUTACEAE

Murraya
koenigii (L.) Spreng.

SALVINIACEAE

Salvinia
molesta D.S.Mitch.

SCROPHULARIACEAE

Lindernia
crustacea (L.) F.Muell.

Mecardonia
procumbens Small
Scoparia
dulcis L.

SOLANACEAE

Capsicum
annuum L.
Datura
ferox L.
inoxia Mill.
wrightii Regel
Lycium
ferocissimum Miers
Lycopersicon
esculentum Mill.
esculentum var. *cerasiforme* (Dun.) Alef.
Nicotiana
glauca Graham
Solanum
americanum Mill.
elaeagnifolium Cav.
erianthum D.Don
nigrum L.
torvum Sw.

TAMARICACEAE

Tamarix
aphylla (L.) H.Karst.

TILIACEAE

Corchorus
olitorius L.
trilocularis L.
Grewia
asiatica L.
Triumfetta
pentandra A.Rich.
rhomboidea Jacq.

TURNERACEAE

Turnera
ulmifolia L.

URTICACEAE

Urtica
urens L.

VERBENACEAE

Glandularia
aristigera (S.Moore) Tronc.
[*Verbena aristigera* S.Moore]
Gmelina
arborea Roxb.
Lantana
camara L.
Lippia
alba (Mill.) N.E.Br. ex Britton & P.Wilson
alba var. *alba*
Stachytarpheta
australis Moldenke
cayennensis (A.Rich.) Vahl
jamaicensis (L.) Vahl
Verbena
supina L.

ZYGOPHYLLACEAE

Tribulus
terrestris L.