

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.
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
Symphotrichum
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
spinosa 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
elatioides Mill.
imbricata (Haw.) DC.
inermis DC.
lindheimeri Engelm.
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.

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.
pascuorum Mart. ex Benth.
plumieri (Turp. ex Pers.) Benth.
Clitoria
ternatea L.
Crotalaria
goreensis Guill. & Perr.
incana L.
lanceolata E. Mey.
pallida Aiton
pallida var. *obovata* (G. Don) Polh.
prostrata Rottl.
Dalbergia
sissoo Roxb.
Desmodium
scorpiurus (Sw.) Desv.
tortuosum (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
guyanensis (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.
rhubifolia 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
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
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
fertilis (Steud.) Clayton
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

Glandularialia
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.