

Friends of the Spit

P.O. Box 467, Station J Toronto, Ontario M4J 4Z2

CHECKLIST PLANTS OF THE LESLIE STREET SPIT



This checklist includes all plants previously reported at the Leslie Street Spit. Many of these species may no longer be present, or their status may have changed, due to natural succession or to disturbances. This alphabetical listing of the plants by their scientific name is designed to be used with a good field guide.

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KEY TO ABBREVIATIONS (From Temple 1980)

<u>Type</u> <u>Status</u>

Arr - herbaceous A – abundant C – common Arr O – shrub UC – uncommon

R-rare

Habitats

CG – clay fill, gravel, stones

WD – wet depressions on base

WS – moist sands, shorelines

DS – dry sands

S-1 – silts of first peninsula

S-2 – silts from Keating Channel (see map for S-1, S-2)

Place of Origin

N- native E- Europe EA- Eurasia A- Asia

WNA - western North America

TA – tropical America GE – garden escape

REFERENCES USED TO COMPILE CHECKLIST

Anon. 1982. Aquatic Park Environmental Study, 1978-1982. Metropolitan Toronto and Region Conservation Authority Report.

Catling, P.M., K.L. MacIntosh and S.M. McKay. 1977. The Vascular Plants of the Leslie Street Headland. The Ontario Field Biologist 31 (1): 23-39.

Temple, P.J. 1980. Plants of the Leslie Street Headland, Toronto, Ontario. Ontario Field Biologist 34 (1): 19-32.

(Plus more recent individual reports which may lack status and/or habitat data).

INFORMATION NEEDED

The paucity of recent plants surveys on the Spit highlights the need for more information. We would appreciate details of additional species, and in particular, results of surveys or botanical outings.

_	Abutilon theophrasti Medic UC; S-1 (A)
0	Acalypha rhomboides Raf UC; S-1 (N)
0	Acer negundo L C: S-1, CG (N)
	Acer platamoides L B. S-1 (E) Acer platamoides L (seedlines) C: MS (N)
4	Acer saccharinus L.
	Acer rubrum L R. CC (E)
8	Acer tublum L G; CG (E) Achillea millefolium L G; CG (E)
0	Agropyron repens (L.) Beauv C; CG (E)
-	Agrostis gigantea Roth - A. CG (E)
0	Agrostis hyenalis (Walter) RSP - G: CG (N)
0	Agrostis stolonifers L A. GG
	Agrostia stolonista L. Ailanthus altissima (Mill.) Swingle - UC, S-1 (A)
9	Ajuga Keptana L R; DS (E)
.0	Aliens plantago-aquatics L Oc
0	Alliaria officinalis ADQLE.
	ATALANA WARRE CAV DC: Dr. 1981
	1 hour 1 - C+ Ok. 100 101
0	Amerianthus graecizans L C. S-1. W. (X)
0	Amaranthus retroflexus L C; S-1, DS (N) Amaranthus retroflexus L C; S-1, DS (N) Amaranthus retroflexus L C; S-1, DS (N)
-	Ambrosia artemisiifolia L C; CG, S-1 (N)
-	

e Ambrosis trifida L. - UC; S-2 (N)
e Amacharis camadensis (Michx.) Rich. - A. MS
s Amaphalis margaritaces (L.) Clarke - UC; DS (N)
e Amenone camadensis L.
s Anthemis arvensis L. - UC; CG, S-1 (E)
s Anthemis cotula L. - UC; CG, S-1 (E)
s Antirrhimum majus L. - E. CG (GE)
s Apocynum androsaemiifolium L. - E. CG, base (N)
s Apocynum camnabinum L. var. glaberrimum DC
s Arctium minus (Hill) Bernh. - C; CG, S-1 (E)
s Aremaria serpyllifolia L.
s Armoracia rusticana (Lan.) G., M.S. - E; CG (E)
s Artenisia biennis Willd. - C; DS, CG (WNA)
s Artenisia campestris spp. caudata (Michx.) Hall and Clem. - UC, DS (N)
s Asclepias incarnata L.
s Asclepias syriaca L. - UC, CG (N)
s Aster X amethystimus Nutt. - UC; CG, base (N)
s Aster brachyactis Blake - A. CG
s Aster laurentianus Fern. - A; CG, S-1, MS (N)
s Aster ericoides L. - A. CG (N)
s Aster novae-angliae L. - A; CG (N)
s Aster simplex Willd. - UC; CG (N)

	THE STATE OF THE S
0	Atriplex patula L UC; S-1 (N)
0:	Atriplex patula var. hastata (L), Gray - A; CG, base (N)
ġ.	Avena sativa L R: CG (E)
0	Barbares vulgaris R. Br UC; CG (E)
0	Berteros incans (L.) DC.
	Betula paprifera Marsh.
3	Bidens cermus L C: MS, along high water line (N)
a	Bidens tripartita var. comosa Grav - R; 5-2 (N)
0	Bidens frondosa L C: MS, VD (N)
Ģ.	Brassica kaber (DC) L.C. Wheeler - R: S-2 (E)
0	Brassics junces (L.) Czern, - UG; S-1, CG (E)
	Bromus commutatus Schrader - UC; CG, base (E)
0	Bromus increis levss - UC; CG, base (E)
0	Browns tectorum L C. CG. in cinders and other sterile soil (E)
6	Cakile edentula (Bigel.) Hook, (var. lacustris Fern) - C: DS.
	and loose gravelly shores (N)
ġ.	Galamagrostis canadensis (Michx.) Beauv R; MS, in willow thicket (N)
5	Calendula officinalis L R; S-1 (GE)
ġ.	Gamelina microcarpa Andrz UC: S-1 (E)
0.	Gampamila rapunculoides L UC: S-1 (E)
ģ.	Capsella bursa-pastoralis (L.) Medic UC: CG, base (E)

Carex annectens (Bickm.) Bickm. - UC; WD, base; rare in Ontario (N)

Carex aquatilis Vahlenb.

Carex aquatilis Vahlenb.

Carex aquatilis Vahlenb.

Carex cristatella Britten - UC; edge of WD base (N)

Carex hystericina Muhl.

Carex hystericina Muhl.

Carex solesta Hackens.

Carex solesta Hackens.

Carex pseudo-cyperus L. - UC; WD, and in cottenwood thickets, base (N)

Carex retrores Schw. - UC; edge of WD, base (N)

Carex vulpinoides Michx. - UC; edge of WD, base (N)

Carex vulpinoides Michx. - UC; edge of WD, base (N)

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Carex vulpinoides Michx. - UC; edge of WD, base (N)

Carex vulpinoides Michx. - C; S-1 (E)

Chancorrhinum minus (L.) Lange - UC; CG loose gravel at tip (E)

Chenopodium sibum L. - C; CG (E)

Chenopodium rubrum L. - E; CG; damp willow thicket, base (E)

Chenopodium rubrum L. - R; CG; damp willow thicket, base (E)

Chrysanthemum parthenium (L.) Bernh. - R; CG, near tip (E)

Cichorium intvbus L. - C; CG (E)

Cirmium arvense (L.) Scop. - A; CG (E)

	The state of the s
	Cirsium arvense forma albiflorum (Rand and Redf.) Hoff R; CG (E)
K-C	Circium vulgare (Savi) Tenere - UC; CG (E)
	Citrullus vulgaris Schrad R: S-2 (GE)
	Cleone spinosa Jacq C; S-2 (GE)
	Commeline communis L UC; S-1 (A)
	Compalable argentis L UC: 5-1 (E)
	Convenientus centum L UC: CG, near shorelines (N)
0	Conyza canadensis (L) Crong, var. canadensis - A. CG
E	Corone Turges Lan.
	Covers stolonifers Michx UC: edges of WD, base (N)
	Crents tectorum L C; CG, DS, S-1 (E)
	Committee and Committee To a Rt S-7 (GE)
,	Corners evenowid Willd - UC: CG, on Salix exigua, base (a)
	Cycloloma atriplicifolium (Spreng.) Coult C: DS. S-1 (WNA)
	Cyperus enselmanii Steud R. MS
	Cynerus rivularis Kunth - A: MS, along shorelines (8)
	Comerce oderatus L C: MS, along shorelines (N)
	Dactylis glomerata L UC; CG, base (E)
-	north I - C: CG (F)
9	Descurainia sophia (L.) Webb - UC; GG loome gravel at tip (E)
-	Digitaria ischaemum (Schreb.) Muhl UC; CG (EA)
2	Digitalia ischauma issuident

Diplotaxis tenuifolis (L.) DG - G; S-1, CG (E)
Dipsacus sylvestris Huds.
Echinochlos crusgalli (L.) Beauv. - G; CG, MS (E)
Echinochlos miricata (Beauv.) Fern. - G; WD, base (N)
Echinochlos microstachya (Weig.) Rydb. - M, CG
Echinocystis lobata (Michx.) T, and G. - US; S-1; S-2 (N)
Echinocystis lobata (Michx.) T, and G. - US; S-1; S-2 (N)
Echinocystis lobata (Michx.) T, and G. - US; S-1; S-2 (N)
Echinocystis lobata (Michx.) T, and G. - US; S-1; S-2 (N)
Echinocystis lobata (Michx.) T, and S. - C; MS, along read (EA)
Echinocystis lobata (Michx.) T, and S. - C; MS, along read (EA)
Echinocystis lobata (Michx.) T, and S. - C; MS, along read (EA)
Elsocharis accularis (L.) E, and S. - C; MS, along retresting shorelines (N)
Elsocharis acrythropoda Steud. - M, MS
Elodes canadensis Michx. - G; washed sabore (N)
Elymus canadensis Michx. - G; washed sabore (N)
Elymus canadensis Michx. - G; washed sabore (N)
Elymus canadensis L. - G; CG, base (N)
Epilobium ciliatum Raf. - R, WS
Epilobium ciliatum Raf. - R, WS
Epilobium ciliatum Raf. - R, WS
Epilobium glandulosum Lebm. - UG; WD, at base; MS along shorelines (E)
Epilobium arvense L. - C; CG, NS, DS, S-1 (N)
Equisetum arvense L. - C; CG, NS, DS, S-1 (N)
Equisetum hyenale L
Eragrastia poacoidas E, and S. - UG; CG, MS, along shorelines (E)
Erigeron canadensis L. - A; CG, DS (N)
Erigeron philadelphicus L. - UC; MS, near tip (N)

Galinsoga ciliata (Raf.) Blake - NC: S-1 (TA)

Galinsoga ciliata (Raf.) Blake - NC: S-1 (N)

Galinsoga ciliata (Raf.) Blake - NC: CG. WD. base (N)

Galinsoga ciliata (Raf.) R. R. WC: CG. WD. base (N)

Galinsoga ciliata (Raf.) R. R. WC: CG. WD. base (N)

Galinsoga ciliata (Raf.) R. R. WC: CG. WD. base (N)

Galinsoga ciliata (Raf.) R. R. WC: CG. WD. base (N)

Galinsoga ciliata (Raf.) R. Sc. Along retreating shorelines (N)

Galinsoga ciliata (Raf.) R. S. S. Along retreating shorelines (N)

Galinsoga ciliata (Raf.) R. R. S. Along retreating shorelines (N)

Galinsoga ciliata (Raf.) Retreating shorelines (N)

Galinsoga ciliata (Raf.) Raf. MD. base (N)

Galinsoga purpurea (L. A. CG. W)

Galinsoga diliata (Raf.) Retreating shoreline at base. MS (N)

Galinsoga ciliata (Raf.) Retreating shorelines at base. MS (N)

Galinsoga ciliata (Raf.) Retreating shorelines at base. MS (N)

Galinsoga ciliata (Raf.) Retreating shorelines at base. MS (N)

Galinsoga ciliata (Raf.) Retreating shorelines at base. MS (N)

Galinsoga ciliata (Raf.) Retreating shorelines at base. MS (N)

Galinsoga ciliata (Raf.) Retreating shorelines at base. MS (N)

Galinsoga ciliata (Raf.) Raf. Raf.

Galinsoga ciliata (Raf.) Raf. Raf.

Galinsoga ciliata (Raf.) Raf.

Galinsoga ciliata (Raf.) Raf.

Galinsoga ciliata (Raf.)

Galinsoga (

s Galinsoga pariflora Cav. - R. CG

Map showing the location of silt deposits referenced in this Plant Checklist as well as the location of Peninsulas A to D, for orientation purposes. Base Scale: 500 metres

		Notes
0	Juneus articulatus L.	
	Juncus balticus Willd, - C; MS, WD on base (N)	
	Juncus bufonius L UC: MS along shorelines (N)	
	Juncus compressus Jacq UC; edges of WD, damp CG base (N)	
	Juncus dudlevi Weig, - A. WS	
	Jungus effusus L C: WD on base, MS (N)	
	Juncus nodosus L M. WS	
	Kochia scoparia (L.) Schrad C: damp CC, base (EA)	
	Lactuca scariola L C; dry CG (E)	
	Lathyrus odoratus L R. CG	
	Leersia oryzoides (L.) SW. (forma inclusa (Wiesb.) Dorfler) -	
	UC; MS, along shores (N)	
	Leonurus cardiaca L UC: S-1, loose gravel at tip (E)	
	Lepidium campestre (L.) R. Br.	
	Lepidium densiflorum Schrad C: dry CC (E)	
	Lepidium ruderale L R. CC	
	Lepidium virginicum L A. CG	
	Lindernia dubia (L.) Pennell - R: MS, on exposed shoreline (N)	
	Linaria vulgaria Hill - C; dry CG (E)	
	Lobularia maritima Desv R. GG	
	Lolium perenne L UC; damp CC, base (E)	

	Lonicera tatarica L R: I shrub, I m tall, damp CG, near tip (EA)
	Lotus corniculatus L R; loose CG, near tip (E)
	Lychnis alba Mill C; CC (EA)
	Lusimachia thyrsiflora L.
	Lycopersicum esculentum Hill, - UC: 5-2 (GE)
	Luconus americanus Muhl C: rocky shorelines and MS (N)
	Lycopus europasus L UC; MS, along high water line (E)
	Lythrum salicaria L UG: MS, along shorelines (E)
Ť	Malva neglecta Wallr UC; S-1, CC (E)
-	Halva rotundifolia L UC; S-1, loose gravel at tip (E)
	Matricarla matricarioides (Less.) Porter, - C; S-1, scattered on CG (WMA)
	Mattaucis struthiopteris (L.) Todaro - R; S-1 (N)
-	Medicago lupulina L, - G; dry CG and S-1 (E)
	Medicago sativa L R: damp GG at tip (E)
-	Melilotus alba Desr A: CG, forming dense strands (E)
	Helilotus officinalis (L.) Lam UC; dry CG (E)
-	Helilotus efficinalis (L. J. Lan. Shorelines and down CG (N)
	Mentha arvensis L C; MS, along shorelines and damp CC (N)
	Mentha gentilis L.
	Mentha piperita L.
	Mentha verticillata (L.)
1	Himulus ringens L UC: MS, along shorelines and S-2 (N)
	Mollugo verticillata L.

	Notes
O)	Myosotis scorpicides L UC; MS, along shorelines (E)
OI.	Myriophyllum exalbescens Fern A. WS
(III	Myriophyllum spicatum L C. MS and washed ashore (N)
9	Nasturtium officinale R. Br R; S-2 (E)
0	Nepata cataria L UC; CC (E)
0	Sicotiana longiflora Cav R: S-1 (GE)
9	Genothera biennis L C; dry CC and S-1 (N)
0	Oenothers parviflors L UC; dry silts, S-1 (N)
6	Oxalis stricta L UC; S-1 (N)
9	Panicum capillare L UC; dry CG and sands, base (N)
8	Panicum dichotomiflorum Michx, (var. geniculatum (Wood) Fern.) - R; S-1 (N)
S.	Panicum Virgatum L.
×	Papaver glaucum Boiss & Haussk, - R. CG
)	Papaver sommiferum L R; 5-1 and CG at tip (GE)
3	Parthenocissus vitaces (Knerr.) Hitchc R: CG, edge of willow thicket (N)
3	Pastinaca sativa L.
)	Penstemon digitalis Nutt UC; CG, tip (N)
	Petunia hybrida Vilm R; S-1 (GE)
_	Phalaris arundinacea L UC; CG (N)
	Phalaris canariensis L.
3	Phleum pratense L UC; S-1 (E)

	The state of the s
0	Physostegia virginiana (L.) Benth.
	Pices glaucs (Heench) Voss - 3 small tree roadside
*	Pinus resinosa Air 3 small trees area B
01	Plantago langeolata L UG; loose gravel and GG at tip (E)
- 01	Plantago major L C; CG and S-1 (E)
10	Flantago psyllium L UC: S-1 (E)
10	Poa annua L. + UC; 5-1 and 3-2 (L)
0	Poa compressa L UC; CG, base (FA)
0	Pon cf. nemoralis L.
	Poa palustris L.
65	The transfer of the transfer o
0	Polygonum aviculare L A; CG, S-1, ES, (highly value to the
10	n Thomas allinode Wichy - R Oi
0	n-1 - comme convolucion L UC: rocky shore lines diving was you
0	Polysomer cuspidatum Sieb, and Zucc UG; CG (A)
0.	Polysomum erectum - UC: CC, tip IBJ
	nelineman budgenings 1 - R: 5-2 (N)
	Palusanum lanathifolium L C. S-1, BS, S-2 LB/
	The state of the s
0	Delugarum pensylvanicum L. (var. laevigarum Fern.) - Do. o.c. (1)
-	Polygonum persicaria L UC: CG, base (E)
-	TOTAL PROPERTY.

4	Populus alba L R: damp CG, base (E)
4	Populus balsamifera L UC; CG, base (N)
	Populus deltoides Marsh, - A: damp to dry CG, MS,
	groves at tips of larger peninsulas (N)
	Populus grandidentata Michx.
	Foodlan X tackii Sare (P. deltoides X P. balsamifera) -
	B: a few aprouts from rocky CG, base (E)
4	Describes trees: lotder Michy - A: damp to dry, CG, MS, base (H)
0	Portulars erandiflors Hook, . C: S-2 (many different colors) (GE)
6	Portulace oleraces L UC: loose gravel, CG at base (E)
0	Potamoreton crispus L C: washed ashore (E)
	Patamagatan martingrus L - C: washed ashore (N)
0	Potenceston richardsonii (Benn.) Rydb UC; washed ashore is)
n	Percentilla apperina L C: MS. DS. shorelines (N)
0	Potentilla argentes L R; loose gravel near tip (8)
•	Potentilla intermedia L UC; damp CC, base (E)
6	Potentilla parvegica L UC: DS, gravel (N)
-	Potentilla paradoxa Nutt A: DS, loose gravel (N)
-	Potentilla recta L. · C; dry CG, base (E)
-	Prunella vulgaris L R: S-1 (E)
-	Prunus avium L R; one tree, CG, base (E)

	Prunus virginiana L R. few sprouts, CC, base (N)
0.	Prumus mpp R; 1 shrub each, CG, base; S-1
-	Puccinellia distans (Jacq.) Parl C; CG (E)
A	Pyrus malus L R: scattered on CG, base (EA)
	Ramunculus acris L.
	Remunculus scleratus L UC; MS, along shorelines and 5-2 (N)
	Shus radicans L.
0	Rhus typhina L C; CG, S-1, DS (N)
4	Robinia pasudo acacia L UC; CC, some 3 m tall (SUS)
	Roripps islandics (Oeder) Borbas - C; MS and gravel, shorelines (N)
	Rorinna islandica var. hispida (Desv.) Butt and Abbe - UC; MS (N)
0	Rubus idaeus L. var. strigosus (Michx.) Maxim - R; 5-1 (N)
0	Rubus odoratus L.
	Rudbeckia hirta L UC; CG, tip (N)
-	Rusex crispus 1, - UC, S-1, GG, base (E)
-	Runex maritimus L UG; edge of WD, base (uncommon in Toronto) (N)
-	Runex obtusifolius L UC; S-1 (E)
-	Salix alba L.
*	
0	Salix amygdaloides Anderss.
O.A	Salix bebbiana Sarg DC; WD, base (N)
0	Salix cordata Hichx, var, rigida (Muhl) Carey -
	UC; small trees in WD, base and MS near tip (N)

0	Salix discolor Muhl, - UG: WD, base and MS, along shorelines (N)
-	Salix exigus Nutt, - A: CG, MS, DS, forming dense thickets (N)
0	Salix fragilis L UC; planted along main road in 1972
A	or 1973, and olsewhere at base (N)
_	or 19/3, and elsewhere a comb home (N)
0_	Salix lucida Muhl UC; edge of WD, base (N)
DA	Salix nigre L.
0	Salix purpures L R; small clumps in WD, base (E)
0	Salix rigida Muhl R. GG
0	Surburne senadonsis 1
Ö.	Sambucus Tacemosa L. var. pubens (Michx.) Koehne - R; CG, tip (N)
0	Salsola kali L. var. tenuifolia Tausch - C; S-1, DS (EA)
-	Saponaria officinalis L UC; CG (E)
0	Setypus acutus Birelow - C: WD, base (N)
-	Scirpus americanus Pers C; WD, base (N)
-	Scirpus atrovirens Willd,
-	e tour unit due Unbl (war creber Fern.) - UG; WU, Dase (N)
-	Scutellaria epilobiifolia A. Ham UC; rocky shoreline, base (N)
0	
2	Sedun acre L.
9	Senecic viscosus L UC; locas gravel at tip (E)
9	Senecio vulgaria L UC; S-1 (E)
	Setaria glauca (L.) Beauv UC; S-1, DS, CC (E)

0	Setaria viridis (L.) Beauv UC: CG, base (E)
0	Silens antirrhina L UC; damp CC, base (not observed in 1978) (N)
Ф.	Silene cucubalis Wibel - C; CG (E)
)	Silene negtiflora L UC: CG, tip (E)
,	Sisymbrium altissimum L A: 5-1, CG, DS (E)
	Sisymbrium officinale (L.) Scop C; damp GG and S-1 (E)
	Sorbus aucuparia L. (A)
	Solanus emericanus Hill UC: S-2 (N)
	Solanum dulcamara L C: damp CC and S-1 (E)
	Solamum nigrum L UC; damp silts, S-1, S-2 and MS near tip (E)
	Solidago canadensis L A: drv CG (N)
_	Solidago gigantes Ait UC: damp CG, base (N)
П	Solidago graminifolis (L.) Sabeb UC: damp CC. base (N)
	Sonchus arvensis L C; CG (E)
	Serchus asper (L.) Hill UC; CG (E)
	Sonchus oleraceus L UC: S-1 (E)
	Sonchus uliginosus Bieb A: dry OG, base (E)
	Spergularia marina (L.) Griseb UC; UD, loose cinders and
Т	gravels, base (halophyte, rare in Toronto area) (N)
	Sporobelus cryptandrus (Torrey) Gray - UC; DS (N)
_	Stellaria media (L.) Gyrillo

		Notes
DE.	Tanacetum vulgare L UC; damp CC, near storage sheds (E)	
K	Taraxacum officinale Weber - UC; CC (E)	
br.	Teucrium canadense L.	
2	Teucrium occidentale Gray - UC; one large colony,	
	rocky shoreline, base (N)	
5	Thlaspi arvense L UC; S-1 and S-2 (E)	
1	Tragopogon dubius Scop C; CC (E)	
Ġ.	Tragopogon porrifolius L R; CC (not observed in 1978) (E)	
o .	Tragopogon pratensis L M. CG	
k	Trifolium dubium Sibth,	
1	Trifolium hybridum L UC; S-1 (E)	
>	Trifolium pratense L C: CC (E)	
3	Trifolium procumbens L.	
9	Trifolium repens L UC; CG, S-1 (E)	
)	Tulipa gesneriana L UC; CC (all yellow flower) (GE)	
ġ.	Tussilago farfara L C; wet CG and silts (E)	
1	Typha angustifolia 1, - C; WD, base (N)	
1	Typha latifolia L C: WD, base (N)	
	Ulmus americana L UC: CC and MS (N)	
	Ulmus pumila L UC; CC and MS (A)	
į.	Ulmus rubra Muhl.	

Urtica dioica L. var. gracilis (Att.) Selander - UG. S-2 (N)

Urtica gracilis Ait.

Urtica urens L. - R; S-2 (EA)

Verbascum thapsus L. - G; GG (S)

Verbena hastata L. - UG; S-1 (N)

Verbena urticifolis L. - R; dry silt, S-1 (N)

Veronica anagallis-aquatica L. - R; S-2 (N)

Vicia cracca L. - UG; GG, base (E)

Viola sp (cf. septentrionalis Greene) - R; dry silts, S-1 (N)

Vitis riparis Michx. - R; CG, base (N)

Xanthium strumarium L. - G; damp CG, MS, S-1 (E)

Zannichellia palustris L. - R, MS

Zea mays L. - R, CG

e Zea mays L, - R, CC