

Field Notes for Tall Grass Prairie Collec
OSMP Studies 3624

Study



Nancy Lederer, Virginia Crosby,

LEDERER,
CROSBY

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Tallgrass Prairie Collection
Field Notes

Nan Lederer et al

Copies of
field notes
for tall grass
prairie
collection

SITES 1 & 2

Sites 1 & 2 Location: Approximately 12 acres located in the northwest quarter of Section 15, Township 1 South, Range 70 West, between U.S. 36 and Colorado Highway 93, 1/2 mile northeast of Marshall.

VERBENA BRACTEATA Lag. & Rodr.		VRB
19 July 1986	Nancy Lederer #237	
VERBENA HASTATA L.	<i>dry site</i>	VRB
19 July 1986	Nancy Lederer #239	
ASCLEPIAS INCARNATA L.	<i>wet site</i>	ASC
19 July 1986	Nancy Lederer #235	
VERBASCUM BLATTARIA L.		SCR
19 July 1986	Nancy Lederer #255	
SPERGULARIA MEDIA (L.) Presl.		ASN
25 June 1986	Nancy Lederer #92	
SILENE ANTIRRHINA L.		CRY
25 June 1986	Nancy Lederer #143	
HYPERICUM PERFORATUM L.	<i>dry microsite</i>	HYP
25 June 1986	Nancy Lederer #82	
ELAEAGNUS ANGUSTIFOLIA L.	<i>tree 2 1/2 m tall</i>	ELE
19 July 1986	Nancy Lederer #240	
LYTHRUM ALATUM Pursh	<i>wet site</i>	LYT
19 July 1986	Nancy Lederer #238	
JUNCUS ARCTICUS Willd. ssp. ATER (Rydb.) Hulten		JUN
25 June 1986	Nancy Lederer #98	
JUNCUS TORREYI Cor.		JUN
19 July 1986	Nancy Lederer #258	
JUNCUS TENUIS Willd.	<i>wet tall grass area</i>	JUN
25 June 1986	Nancy Lederer #97	

3627

ERIOGONUM EFFUSUM Nutt.		PLG
16 Sept 1986	Nancy Lederer #313	
ASTAGALUS FLEXUOSUS (Dougl. ex Hook.) G. Don		FAB
25 June 1986	Nancy Lederer #140	
TRIFOLIUM PRATENSE L.	<i>dry site + wet tall grass site</i>	FAB
25 June 1986	Nancy Lederer #129	
TRIFOLIUM HYBRIDUM L.	<i>by irrigation ditch</i>	FAB
19 July 1986	Nancy Lederer #245	
DALEA CANDIDA Willd.		FAB
19 July 1986	Nancy Lederer #246	
LOTUS TENUIS Waldst. & Kit.	<i>moist area</i>	FAB
25 June 1986	Nancy Lederer #81	
OLIGOSPORUS CAMPESTRIS (L.) Cassini ssp. PACIFICUS (Nutt.) Weber		AST
16 Sept 1986	Nancy Lederer #308	
THELESPERMA MEGAPOTAMICUM (Spreng.) Kuntze		AST
19 July 1986	Nancy Lederer #256	
GRINDELIA SQUARROSA (Pursh) Dunal		AST
16 Sept 1986	Nancy Lederer #315	
SENECIO SPARTOIDES T. & G.		AST
16 Sept 1986	Nancy Lederer #310	
AMBROSIA PSILOSTACHYA DC.		AST
16 Sept 1986	Nancy Lederer #311	
ARISTIDA PURPUREA Nutt.		POA
25 June 1986	Nancy Lederer #110	
ANDROPOGAN GERARDII Vitm.		POA
19 July 1986	Nancy Lederer #283	

SPOROBOLUS AIROIDES (Torr.) Torr.		POA
25 June 1986	Nancy Lederer #91	<i>open & dry area - might be more wet earlier in spring</i>
BROMUS JAPONICUS Thunberg		POA
25 June 1986	Nancy Lederer #95	
PASCOPYRUM SMITHII (Rydb.) Love	<i>dry site</i>	POA
25 June 1986	Nancy Lederer #93	
CRITESION PUSILLUM (Nutt.) Love		POA
25 June 1986	Nancy Lederer #99	
STIPA COMATA Trin. & Rupr.	<i>dry site</i>	POA
25 June 1986	Nancy Lederer #109	
LESQUERELLA MONTANA (Gray) Wats.	<i>dry site</i>	BRA
17 May 1987	Nancy Lederer #347	
PODOSPERMUM LACINIATUM L.	<i>dry site</i>	AST
17 May 1987	Nancy Lederer #350	
TARAXACUM OFFICINALE Wiggers		AST
17 May 1987	Nancy Lederer #351	
DELPHINIUM CAROLINIANUM Walter		HEL
25 June 1986	Nancy Lederer #137	
DIANTHUS ARMERIA L.		CRY
19 July 1986	Nancy Lederer #243	
SCIRPUS PUNGENS Vahl.	<i>wet area</i>	CYP
25 June 1986	Nancy Lederer #87	
PUCCINELLIA NUTTALIANA (Schult.) A. Hitchc.	<i>dry vernal pond</i>	POA
19 July 1986	Nancy Lederer #233	
CRITESION BRACHYONTERUM (Nevski) Weber		POA
25 June 1986	Nancy Lederer #121	
	<i>dry site</i>	

Mertensia lanceolata

3014

BOULDER TALL GRASS PRAIRIE

SITE 10

LOCATION: BOULDER CO.: City of Boulder Tall Grass Prairie site,
1650 m.
Site 10 (NE 1/4 Sec.15, T15 R70W, SW of Hwy 36 on
Davidson Mesa, SE of Boulder).

PARONYCHIA JAMESII T&G ASN
11 June 1986 V. Crosby 3041

CERASTIUM STRICTUM L. ASN
11 June 1986 V. Crosby 3029

GREOCARYA VIRGATA (Porter) Payson BOR
5 June 1986 V. Crosby 3005

GNOSMODIUM MOLLE Michx. var. OCCIDENTALE BOR
5 June 1986 V. Crosby 3007

OROBANCHE FASCICULATA Nutt. ORO
30 June 1986 V. Crosby 3165

SPHAERALCEA COCCINEA (Pursh) Rydb. NLV
5 June 1986 V. Crosby 3010

CAMPANULA ROTUNDIFOLIA L. CAM
11 June 1986 V. Crosby 3038

ADENOLINUM LEWISII Pursh LIL
5 June 1986 V. Crosby 3021

Site 10, Page 2

FENSTERMANN SECUNDIFLORUS Benth. SCR
5 June 1986 V. Crosby 3003

丁
CASTILLEGA SESSILIFLORA Pursh SCR
5 June 1986 V. Crosby 3009

ASCLEPIAS VIRIDIFLORA Raf. ASC
30 June 1986 V. Crosby 3177

TRADESCANTIA OCCIDENTALIS (Britt.) Smyth CMM
11 June 1986 V. Crosby 3030

ROSA ARKANSAS Porter ROS
5 June 1986 V. Crosby 3002

OXYBAPHUS LINEARIS (Pursh) Robinson NYC
21 July 1986 V. Crosby 3210

ALLIUM TEXTILE Nels. and Macbr. ALL
5 June 1986 V. Crosby 3017

TITHYMALUS MONTANUS (Engelm.) Small EUP
5 June 1986 V. Crosby 3004

SISYRINCHIUM MONTANUM Greene IRI
5 June 1986 V. Crosby 3022

Site 10, Page 4

HETEROTHECA VILLOSA (Pursh) Shinnars
5 June 1986 V. Crosby 3016 AST

HELIANTHUS PUMILUS Nutt.
5 June 1986 V. Crosby 3023b AST

BUCHLOE DACTYLOIDES (Nutt.) Engelm.
5 June 1986 V. Crosby 3020a POA

BROMOPSIS INERMIS Laysa.
30 June 1986 V. Crosby 3175 POA

SPOROBOLUS HETEROLEPIS (A.Gray) A. Gray
21 July 1986 V. Crosby 3218 POA

POA COMPRESSA L.
21 July 1986 V. Crosby 3224 POA

BOUTELOUA HIRSUTA Lag.
30 June 1986 V. Crosby 3172 POA

Site 3

Location: Approximately 22 acres located in the northwest quarter of Section 21, Township 1 South, Range 70 West, off Colorado Highway 93, 1/4 mile west of Marshall.

DAUCUS CAROTA L.		API
10 Sept 1985	Susan Galatowitsch #1036	
GERANIUM CAESPITOSUM James		GER
19 June 1986	Virginia Crosby #3128	
LEPIDIUM CAMPESTRE (L.) R. Br.		BRA
19 June 1986	Virginia Crosby #3125	
ACETOSELLA VULGARIS (Koch.) Fourr.		PLG
19 June 1986	Virginia Crosby & Nancy Lederer #3107B	
LUPINUS ARGENTEUS Pursh		FAB
19 June 1986	Virginia Crosby & Nancy Lederer #3112	
ASTRAGALUS FLEXUOSUS (Dougl. ex. Hook) G. Don		FAB
19 June 1986	Virginia Crosby & Nancy Lederer #3108	
MEDICAGO LUPULINA L.		FAB
19 June 1986	Virginia Crosby & Nancy Lederer #3104	
GAILLARDIA ARISTATA Pursh		AST
19 June 1986	Virginia Crosby & Nancy Lederer # 3100	
ACHILLEA LANULOSA Nutt.		AST
19 June 1986	Virginia Crosby & Nancy Lederer #3109	
MONARDA FISTULOSA L. var. MENTHAEFOLIA (Graham) Fern.		LAM
13 July 1986	Nancy Lederer #177	
LYCOPUS AMERICANUS Muehl.		LAM
27 Aug 1986	Nancy Lederer #291	
APOCYNUM CANNABINUM L.		APO
19 June 1986	Nancy Lederer #40	

no field notes

TEUCRIUM CANADENSE L. var. OCCIDENTALIS (Gray) McClintock & Epling	<i>moist site</i>	LAM
4 July 1986	Nancy Lederer #153	
RHUS AROMATICA Aiton ssp TRILOBATA (Nutt.) Weber		ANA
19 June 1986	Nancy Lederer #53	
OXALIS DILLENII Jacq.		OXL
19 June 1986	Nancy Lederer #30	
HELIANTHUS RIGIDUS (Cass.) Desf. var. SUBRHOMBOIDEUS (Rydb.) Heiser	<i>near creek</i>	AST
2 Aug 1986	Nancy Lederer #281	
HETEROTHECA FULCRATA (Pursh) Shinnars		AST
13 July 1986	Nancy Lederer #186	
ROSA ARKANSANA Porter		ROS
4 July 1986	Nancy Lederer # 149	
AGRIMONIA STRIATA Michx.		ROS
19 June 1986	Nancy Lederer #39	
ULMUS PUMILA L.		ULM
2 Aug 1986	Nancy Lederer #261	
<i>deep?</i> <i>le</i> ASCEPIAS SPECIOSA Torr.		ASC
4 July 1986	Nancy Lederer # 151	
VERBASCUM THAPSUS L.		SCR
2 Aug 1986	Nancy Lederer #279	
GERANIUM CAESPITOSUM James		GER
2 Aug 1986	Nancy Lederer #260	
HIPPOCHAETE LAEVIGATA (A.Br.) Farwell		EQU
19 June 1986	Nancy Lederer #37	
JUNCUS TORREYI Cov.		JUN
13 July 1986	Nancy Lederer #199	

CONVOLVULUS ARVENSIS L.		CNV
19 June 1986	Nancy Lederer #49	
MARRUBIUM VULGARE L.	<i>moist site</i>	LAM
2 Aug 1986	Nancy Lederer # 166	
MENTHA ARVENSIS L.		LAM
2 Aug 1986	Nancy Lederer #280	
RUMEX QUADRANGULIVALVIS (Danser) Rechinger		PLG
13 July 1986	Nancy Lederer #204	
AMBROSIA TRIFIDA L.		AST
2 Aug 1986	Nancy Lederer #270	
AMBROSIA PSILOSTACHYA DC.		AST
2 Aug 1986	Nancy Lederer #272	
ARTEMESIA FRIGIDA Willd.		AST
18 Oct 1986	Nancy Lederer #324	
CHICORIUM INTYBUS L.		AST
4 July 1986	Nancy Lederer #157	
RATIBIDA COLUMNIFERA (Nutt.) Woot. & Standl.		AST
13 July 1986	Nancy Lederer #176	
LIATRIS PUNCTATA Hook.		AST
27 Aug 1986	Nancy Lederer #290	
ELYMUS CANADENSIS L.		POA
13 July 1986	Nancy Lederer #192	
MUHLENBERGIA ASPERIFOLIA (N. & M.) Parodi		POA
27 Aug 1986	Nancy Lederer #229	
MUHLENBERGIA RICHARDSONII (Trin.) Rydb.		POA
13 July 1986	Nancy Lederer #196 <i>moist area</i>	

CRITESION JUBATUM (L.) Nevski		POA
13 July 1986	Nancy Lederer #191	
SOLIDAGO MISSOURIENSIS Nutt.		AST
2 Aug 1986	Nancy Lederer #269	
OLIGONEURON RIGIDUM (L.) Small		AST
10 Sept 1985	Susan Galatowitsch #997	
SOLIDAGO SPECIOSA Nutt. var. PALLIDA Porter		AST
27 Aug 1986	Nancy Lederer #304	
ACOSTA DIFFUSA (Lamarck) Sojak.		AST
19 June 1986	Virginia Crosby & Nancy Lederer #3107A	
SPARTINA PECTINATA Link		POA
2 Aug 1986	Nancy Lederer #263	
SCHIZACHYRIUM SCOPARIUM (Michx.) Link		POA
2 Aug 1986	Nancy Lederer #284	
SORGHASTRUM AVENACEUM (Michx.) Nash		POA
2 Aug 1986	Nancy Lederer #285	
SAPONARIA OFFICINALIS L.		CRY
13 July 1986	Virginia Crosby & Nancy Lederer #205B	
VIOLA NUTTALLII Pursh		VIO
1 May 1987	<i>dry site</i> Nancy Lederer #335	
LOMATIUM ORIENTALE C. & R.	<i>dry site</i>	API
1 May 1987	Nancy Lederer #333	
RIBES CEREUM Dougl.	<i>fence near ditch</i>	GRS
1 May 1987	Nancy Lederer #338	
BOECHERA FENDLERI (Wats.) Weber		BRA
3 June 1987	Nancy Lederer #364	

ALYSSUM MINUS (L.) Rothmaler *dry site* BRA

1 May 1987 Nancy Lederer #330

THERMOPSIS DIVARICARPA Nels. FAB

1 May 1987 Nancy Lederer #332

SENECIO PLATTENSIS Nutt. AST

3 June 1987 Nancy Lederer #367

Plant missing

AGROSTIS ALBA L. POA

13 July 1986 Nancy Lederer #195

JUNCUS LONGISTYLUS Torr. JUN

Susan Galatowitsch #1004B

BOULDER TALL GRASS PRAIRIE

SITE 6

LOCATION: BOULDER CO.: City of Boulder Tall Grass Prairie site,
1650 m.
Site 6 (SE 1/4 Sec.10, T10S R70W, on Hwy 36 below
Davidson Mesa, SE of Boulder.)

DISTICHLIS SPICATA var. STRICTA (Lorr.) Beetle 26 June 1986	V. Crosby, K. Carsey 11	POA
ROUPELLOUA GRACILIS (H.B.K.) Lag. 5 Aug. 1986	K. Carsey 27	POA
SETARIA GLAUCA (L.) P. Beauv. 17 July 1986	K. Carsey 46	POA
BROMUS TECTORUM L. 10 June 1987	K. Carsey 127	POA
POLYPOSON MONSPELIENSIS (L.) Desf. 24 August 1986	K. Carsey 82 <i>near South ditch</i>	POA
KOELERIA MACGRANTHA (Ledeb.) Schult. 10 June 1987	K. Carsey 123	POA
SITANION LONGIFOLIUM J.G.Smith 2 July 1987	K. Carsey 96	POA
AVENA FATUA L. 5 August 1986	K. Carsey 71	POA
FESTUCA PRATENSIS Huds. 3 July 1986	K. Carsey 24	POA
ECHINOCHLOA CRUS-GALLI (L.) P. Beauv. 27 July 1986	K. Carsey 74	POA
ASTER LAEVIS L. 9 Sept. 1986	K. Carsey 95 <i>near S. ditch</i>	AST
<i>dup</i> AMBROSIA TRIFIDA L. 5 August 1986	K. Carsey 72	AST
<i>dup</i> SOLIDAGO MISSOURIENSIS Nuttall 5 August 1986	K. Carsey 52	AST
SOLIDAGO SEROTINOIDS Love & Love 24 August 1986	K. Carsey 85	AST
<i>Agrostis gigantea Roth</i> 17 July 1986	<i>K. Carsey 8</i>	POA

VIRGULUS FALCATUS (Lindley) Reveal & Keener September 1986	K. Carsey 94	AST
CIRSIUM FLODMANII (Rydb.) Arthur 17 July 1986	K. Carsey 57	AST
CIRSIUM ARVENSE (L.) Scop. 17 July 1986	K. Carsey 43 <i>near south ditch</i>	AST
CYCLACHAENA XANTHIFOLIA (Nuttall) Fresenius 5 August 1986	K. Carsey 86b	AST
BIDENS FRONDOSA L. 9 September 1986	K. Carsey 79 <i>near south ditch</i>	AST
TRAGOPOGON DUBIUS Scop. 1 June 1987	K. Carsey 115	AST
ARTEMISIA LUDOVICIANA Nutt. 5 August 1986	K. Carsey 65a	AST
HELIANTHUS ANNUUS L. 26 June 1986	V. Crosby, K. Carsey 9	AST
SOLANUM ROSTRATUM Dunal 27 July 1986	K. Carsey 73 <i>near S. ditch</i>	SOL
PLANTAGO LANCEOLATA L. 26 June 1987	V. Crosby, K. Carsey 21	PTG
PLANTAGO PATAGONICA Jacq. 1 June 1987	K. Carsey 109 <i>dry upland spot near NE fence</i>	PTG
PHYLA CUNEIFOLIA (Torr.) Greene 26 June 1986	V. Crosby, K. Carsey 14	SCR
VERONICA ANAGALLIS-AQUATICA L. 24 August 1986	K. Carsey 83 <i>south ditch - wet area</i>	SCR
ONOSMODIUM MOLLE Michx. var OCCIDENTALE (Mack.) Johnston 24 August 1986	K. Carsey 78	BOR
AGALOMA MARGINATA (Pursh) Love & Love 17 July 1986	K. Carsey 51	EUP
EQUISETUM ARVENSE L. 1 June 1987	K. Carsey 138 <i>wet area</i>	
NASTURTIUM OFFICINALE R. Brown 9 September 1986	K. Carsey 91 <i>south ditch - wet area</i>	BRA

CHENOPODIUM BERLANDIERI Moquin 17 July 1986	K. Carsey 47	CHN
CHENOPODIUM LEPTOPHYLLUM Wats 27 July 1986	K. Carsey 66	CHN
SALSOLA COLLINA Pallas 27 July 1986	K. Carsey 49	CHN
PERSICARIA LAPATHIFOLIA (L.) S. Gray 24 August 1986	K. Carsey 81	PLG
RUMEX CRISPUS L. 26 June 1986	V. Crosby, K. Carsey 20	PLG
GAURA PARVIFLORA Dougl. ex. Hook 26 June 1986	V. Crosby, K. Carsey 13	ONA
DALEA PURPUREA Vent 3 July 1986	K. Carsey 25	FAB
PSORALIDIUM LANCEOLATUM (Pursh) Rydberg 3 July 1986	K. Carsey 40	FAB
MELILOTUS OFFICINALIS (L.) Lam 10 June 1987	K. Carsey 133	FAB
MELILOTUS ALBA Desr. 2 July 1987	K. Carsey 143	FAB
POPULUS DELTOIDES Marsh, ssp. monilifera (Ait.) Eckenw. 17 July 1986	K. Carsey 50	SAL

no along North
both ditches
 (authority
changed
to W.C.F. 1987
W.S.F.)

~~but Marubium vulgare L.~~
~~16 Aug 1987~~

ew? (name) Agropyron elongatum LOPHOPYRUM ELONGATUM (Host) Löve POA
 16 Aug 87, KC 137

Salix fragilis L.
 16 Aug 87 KC 139

~~Oxytropis lambertii~~

SHANAHAN RIDGE

Location: Southeast quarter of Section 17, Township 1 South,
Range 70 West, 1/4 mile west of Colorado Highway 93.

CAREX BREVIOR (Dewey) Mack.	CYP
14 June 1986 Susan Galatowitsch #3203	
JUNCUS INTERIOR Wieg.	JUN
14 June 1986 Virginia Crosby	
NEPETA CATARIA L.	LAM
14 June 1986 Virginia Crosby	
- BOUTELOUA CURTIPENDIA ^{WLA} (Michx.) Torr. ^{dry site}	POA
14 July 1986 Nancy Lederer #213	
MUHLENBERGIA MONTANA (Nutt.) Hitchc.	POA
14 July 1986 Nancy Lederer #227	
AGROPYRON CRISTATUM (L.) Gaertn.	POA
14 July 1986 Nancy Lederer #215	
ELYTRIGIA REPENS (L.) Nevski	POA
14 July 1986 Nancy Lederer #220	
ELYMUS LONGIFOLIUS (Smith) Gould	POA
14 July 1986 Nancy Lederer #228	
PHLEUM PRATENSE L.	POA
14 July 1986 Nancy Lederer #221	
PANICUM VIRGATUM L.	POA
14 July 1986 Virginia Crosby #3202	
BROMUS BRIZAEFORMIS Fisch. & Mey.	POA
14 July 1986 Nancy Lederer #224	

7A - not enclosed

7B - enclosure

7C - enclosure near creek

Site 7 List

Location: 99 acres in the southwest quarter of the southwest quarter of Section 16, Township 1 South, Range 70 West; and in the southeast quarter of the southeast quarter of Section 17, Township 1 South, Range 70 West; and in the east half of the northeast quarter of Section 20, Township 1 South, Range 70 West; and in the northwest quarter of the northwest quarter of Section 21, Township 1 South, Range 70 West, west of Colorado Highway 93, 1/4 mile west of Marshall.

POTENTILLA RECTA L.

ROS

17 June 1986 Virginia Crosby & Lyn Hoffmann #3050

ELEOCHARIS PALUSTRIS (L.) Roemer & Schultes CYP

23 June 1986 Virginia Crosby & Lyn Hoffmann #3159

ALOPECURUS PRATENSIS L.

POA

23 June 1986

Lyn Hoffmann & Nancy Lederer #71

low moist site

DACTYLIS GLOMERATA L.

POA

28 July 1986

Lyn Hoffmann #7C-1

along road in enclosure

POA PRATENSIS L.

POA

23 June 1986

Lyn Hoffmann & Nancy Lederer # 76

CALAMOVILFA LONGIFOLIA (Hook.) Scribn. POA

28 July 1986

Lyn Hoffmann #7C-6

TRITICUM AESTIVUM L.

POA

24 July 1986

Lyn Hoffmann #7A-21

DICHANTHELIUM OLIGOSANTHES (Scult.) Gould var. SCRIBNERIANUM
(Nash) Gould POA

23 June 1986

Lyn Hoffmann & Nancy Lederer #69

CIRSIUM OCHROCENTRUM Gray

AST

17 June 1986

Virginia Crosby & Lyn Hoffmann

LACTUCA SERRIOLA L.

AST

27 Aug 1986

Lyn Hoffmann #7B-44

> Tragopogon pratensis

Lyn Hoffmann 7B-108

RUDBECKIA HIRTA L.	AST	<i>wet area</i>
24 July 1986	Lyn Hoffmann #7A-5	
TOWNSENDIA GRANDIFLORA Nutt.	AST	
16 July 1986	Virginia Crosby & Lyn Hoffmann #3047	
ERIGERON FLAGELLARIS Gray	AST	
17 June 1986	Virginia Crosby & Lyn Hoffmann #3058	
GUTIERREZIA SAROTHRAE (Pursh) Britt. & Rusby	AST	
27 Aug 1986	Lyn Hoffmann #7B-40	
KUHNIA ROSMARINIFOLIA Vent. var. CHLOROLEPIS (Woot. & Standl.) Blake	AST	
5 Sept 1986	Lyn Hoffmann #7A-30	
CEANOTHUS HERBACEUS Raf.	RHM	
17 June 1986	Virginia Crosby & Lyn Hoffmann #3044	
SALIX EXIGUA Nutt.	SAL	
17 June 1986	Virginia Crosby & Lyn Hoffmann #3092	
COMANDRA UMBELLATA (L.) Nutt.	SAN	
23 June 1986	Virginia Crosby & Lyn Hoffmann #3140	
ALISMA TRIVALE Pursh	ALI	<i>in med</i>
14 July 1986	Lyn Hoffmann #7B-34	
RANUNCULUS MACOUNII Britt.	RAN	
17 June 1986	Virginia Crosby & Lyn Hoffmann #3089	
POTENTILLA HIPPIANA Lehm.	ROS	
17 June 1986	Virginia Crosby & Lyn Hoffmann #3077	
PNEUMONANTHE AFFINIS (Griseb.) Greene	GEN	
27 Aug 1986	Lyn Hoffmann # 7B-43	
GRATIOLA NEGLECTA Torr.	SCR	
23 June 1986	Lyn Hoffmann & Nancy Lederer #62	

all #s belong to
V. Crosby

ASCLEPIAS STENOPHYLLA Gray	ASC
23 June 1986	Virginia Crosby & Lyn Hoffmann #3136
ERODIUM CICUTARIUM (L.) L'Her	GER
23 June 1986	Virginia Crosby & Lyn Hoffmann #3135
MIMULUS GLABRATUS H.B.K.	SCR
23 June 1986	Virginia Crosby & Lyn Hoffmann #3133
LIMOSELLA AQUATICA L.	SCR
23 June 1986	Virginia Crosby & Lyn Hoffmann #3132
CYNOGLOSSUM OFFICINALE L.	BOR
17 June 1986	Virginia Crosby & Lyn Hoffmann #3082
TRAGIA RAMOSA Torr.	EUP
17 June 1986	Virginia Crosby & Lyn Hoffmann #3079
CERASTIUM FONTANUM Baum.	ASN
17 June 19896	Virginia Crosby & Lyn Hoffmann #3090
GASTROLYCHNIS DRUMMONDII (Hook.) Love & Love	CRY
17 June 1986	Virginia Crosby ³⁰⁵⁴ & Lyn Hoffmann
PLAGIOBOTHRYIS SCOULERI (Hooker & Arnott) Johnston ssp.	
PENICILLATA (Greene) Love	BOR
23 June 1986	Virginia Crosby & Lyn Hoffmann #3151a
STELLARIA GRAMINEA L.	ASN
28 June 1986	Lyn Hoffmann #7B-3
ERYSIMUM ASPERUM (Nutt.) DC.	BRA
17 June 1986	Virginia Crosby & Lyn Hoffmann #3069
CAMELINA MICROCARPA Andrz.	BRA
17 June 1986	Virginia Crosby & Lyn Hoffmann #3078
LEPIDIUM CAMPESTRE (L.) R. Br.	BRA
17 June 1986	Virginia Crosby & Lyn Hoffmann #3078

IRIS MISSOURIENSIS Nutt.		IRI
14 July 1986	Lyn Hoffmann #7B-32	
PHACELIA HETEROPHYLLA Pursh		HYD
16 June 1986	Virginia Crosby & Lyn Hoffmann #3065	
RORIPPA TERES (Michx.) Stuckey		BRA
23 June 1986	Virginia Crosby & Lyn Hoffmann #3134	
PRUNELLA VULGARIS L.		LAM
17 June 1986	Virginia Crosby & Lyn Hoffmann #3056	
MONARDA PECTINATA Nutt.		LAM
17 June 1986	Virginia Crosby & Lyn Hoffmann #3055	
EVOLVULUS NUTTALLIANUS R & S		CNV
28 June 1986	Lyn Hoffmann #7B-4	
LYCOPUS AMERICANUS Muehl.		LAM
24 July 1986	Lyn Hoffmann #7A-16a	
PERSICARIA PUNCTATA (Ell.) Small		PLG
14 July 1986	Lyn Hoffmann #7B-17	
ERIOGONUM UMBELLATUM Torr.		PLG
17 June 1986	Virginia Crosby & Lyn Hoffmann #3068	
PTEROGONUM ALATUM (Torr.) Gross		PLG
23 June 1986	Lyn Hoffmann & Nan Lederer #65	
AMORPHA NANA Nutt.		FAB
17 June 1986	Virginia Crosby & Lyn Hoffmann #3073	
AMORPHA FRUTICOSA L. var. OCCIDENTALIS (Abrans) Kearney & Peebles		FAB
17 June 1986	Virginia Crosby & Lyn Hoffmann #3073 3091	
GLYCYRRHIZA LEPIDOTA Pursh		FAB
23 June 1986	Virginia Crosby & Lyn Hoffmann #3139	

AGROSTIS SCABRA Willd.

POA

14 July 1986

Lyn Hoffmann #7B-13i

EREMOGONE FENDLERI (Gray) Ikonnikov

ASN

17 June 1986

Virginia Crosby & Lyn Hoffmann #3083

OENOTHERA VILLOSA (Thurb.) ssp. STRIGOSA (Rydb.) Dietrich & Raven

ONA

28 July 1986

Lyn Hoffmann #7C-9

> Agalinus tenuiflora var. parviflora moist SCR
27 Aug 86 L. Hoffman 7B-51 area

(given to
John Mack)

Lesquerella ludoviciana

BRA

15 May 87

L. Hoffman 7A-125

Arnica fulgens

28 May 87

L. H.

7B-115

AST.

Erigeron divergens

28 Mar 87

L. H. 7A-111

AST.

15 May 87

Erigeron strigosus Muehl.

14 July 87

L. H. 7B-276 with area

AST

Triodonis perfoliata (L.) Nieuwsl

2 July 87

L. H. 7B-116

Mimulus guttatus D.C.

17 June 87

L. H. 7A-138 along dry ditch SCR

Coronilla varia L.

15 May 87

L. H. 7A-112

Alyssum alyssoides L.

28 May 87

L. H. 7B-112

BRA

Solidago nana Nutt.

28 Aug 86

L.H. 7B-39

AST

Antennaria rosea

15 May 87

L.H. 7A-109

AST.

Penskeimon virens Pennell

15 May 87

LH 7A-108

SCR

Aster porteri Gray

27 Aug. 86

LH 7B-45

AST.

Spergularia marina

17 July 87

LH 7A-104

Erigeron punilis

15 May 87

LH 7A-121

AST.

Veronica peregrina^L ssp. *xalapensis*

16 June 87

7A-136

in mud of vernal stream