

**Palo Alto Battlefield
National Historic Site**

Field Notes from Vascular Plant Inventory

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2001

8 June 2001. Palo Alto Battlefield
National Historic Site, 3.6 miles S, and 0.3
miles north of A. Mito. NASSIPRES-1001
of FM 511 in 1847. Cameron County, Texas (5.8 km) 0010.5 km

5458 Spartina spartinea (K. von Trinicus) E. Merrill ex
A. Hitchcock
adjacent to parking area

5459 Cissampelos incisa C. Dec. Moyle
climbing on Opuntia; parking area

5460 Prosopis septa mg. G. Benham var. cinnamomea
(A. Gray & A. Burkhardt)
parking area

5461 Phyla nodiflora (C. Linnaeus) E. Greene
abundant; parking area

5462 Karwinskya humidatissima (J. A. Schultes) J. Zaccarini
parking lot

5462^a Prosopis glandulosa J. Gray

5463 Cynanchum barbigerum (J. Schreb.) R. Shumacher
vine

5464 Heistermannia incarnata (T. Walter) R. King and
H. Robinson; dark flowers pale white

5465 Castela recta (P. J. R. Pin) subsp. texana
(J. Gray & A. Gray) J. R. R. Pin fruit red

5466 Ollie pallida J. Gray

5467 Borreria lanceolata (C. Linnaeus) A. P. de Candolle

5468 Schaefferia cuneifolia A. Gray

8 June 2001. Palo Alto Battlefield
Comal County, Texas

5469. *Maytenus phyllanthoides* J. Bertram
 5470 *Zizyphus obtusifolia* (W. Hooker) J. Gray & A. Gray
 5471. *Monarda tockii* *littoralis* J. Engelman
 (by reaca)
 5472 *Salicornia virginica* C. Linnaeus
 5473. *Atriplex matamorenensis* A. Nelson
 5474 *Kalanchoe delagoensis* C. Ecklon & C. Zeyher
 (Parkia 100)
 5475 *Sclitropium euraspicum* C. Linnaeus
 Corolla white; ad. budling
 5476 *Limnolobos carolinianus* (T. Walter) N. Britton
 Corolla blue
 5477 *Opuntia leptocaulis* A. P. de Candolle
 Corolla light yellow
 5478 *Rumex crispus* L. Morris
 (reaca); etc
 5479 *Parkinsonia aculeata* C. Linnaeus
 by reaca margin
 5480 *Batis maritima* C. Linnaeus
 5481 *Sideroxylon coccineum* (K. Kunth) T. Pennington
 5482 *Acacia missouriensis* (M. E. Jones)
 P. de Beauvois

8 June 2001. Palo Alto Battlefield
Cameroon County, Texas

003

5483 *Lycium carolinianum* T. Walter var. *quadridatum*
corolla blue (M. Sorensen) C. Hitchcock

5484 *Scaevola rosea* C. Pearson
Stems > 50

5485 *Suaeda tampsicensis* (P. Standley) P. Standley
saline area adjacent to road

10 August 2001. Palo Alto Battlefield, Cameroon County, TX
Palo Alto Battlefield, Natural Historic Site, 3.6 miles S and
0.3 miles west of a mile - hair intersection of FM 811 and
1847

5486 *Phaulothamnium spinescens* A. Gray
♀. getting lost

5487 *Olneya gratissima* (G. Gillies & W. Hooker) N. Jancooso
corolla white

5488 *Budelia hopkerei* C. M. Johnston

5489 *Sillandria recurvata* (C. Linnaeus) C. Linnaeus

5490 *Pappophorum vaginatum* S. Buckley

5491 *Bursera humilis* C. Linnaeus
pinkish-white

5492 *Eriocaulon angustifolium* G. Jones

5493 *Blamum elegansifolium* A. Coville

* 5494 *Ruellia nudiflora* (J. Engelm. ex Gray) J. Urban
var. *nunyonii* (B. Thunb. & F. Buckley) B. L. Turner
(mexican)

10 August 2001. Palo Alto Battlefield

Cameron County, Texas

5495. *Ambrosia* (*Ptilostachya*) A. P. de Candolle5496. *Suaeda linearis* (S. Elliott) C. Moquim-Zandon* 5497. *Dichanthium annulatum* (P. Forsk.) O. Stapf
(Kleiner Bluestem)5498. *Oreowilfa* (*Waltheria*) (A. Gray) E. Greene
corolla yellow5499. *Salicornia aurantiaca* (Engelmann)
flame colored5500. *Phaulothamnus gonolobus* A. Gray5501. *Zanthoxylum fagara* (C. Linnaeus) C. Sargent5502. *Sporobolus virginicus* (C. Linnaeus) K. Kunth5503. *Sporobolus coronandellianus* (Pérez) Kunth
is perked5504. *Simonsium carolinianum* (T. Walter) N. Britton5505. *Schaefferia cuneifolia* A. Gray5506. *Panicum maximum* N. von Jacquin5507. *Muhlenbergia americana* (C. Linnaeus) J. Gray* 5508. *Setaria leucopila* (F. Lamour. & Schreb.) E. Merrill
K. Schumann (clayey brotigs)5509. *Desmanthus virgatus* (C. Linnaeus) C. imoljeldom
var. *depressus* (F. von Humboldt & A. Bonpland) (C. von)* 5510. *Atriplex pentandra* (N. von Jacquin) (V. Wenden) B. L. Turner
laminated (quartz) P. Lindley5511. *Amorpha pentastachya* A. Gray
corolla yellow

10 August 2001 Palo Alto Battlefield
Cameron County, TX

005

5512 *Parthenium hysterophorus* (C. Linnaeus)

5513 *Sesuvium humifusum* (P. Rydberg) W. Cory
corolla yellow

5514 *Eragrostis reptans* (A. Michaux) C. Nees von Esenbeck

5515 *Paspalum lepidum* R. von Trinius

* 5516 *Asteranthea paramyrsoides* A. de Saint-Hilaire
amaranth. sp. forming smooth stiff flower

5517 *Melochia pyramidalis* C. Linnaeus

* 5518 *Eriochloa punctata* (C. Linnaeus) N. Desv. ex
(Eriochloa cymosa) W. Hamilton

* 5519 *Eriochloa pseudopachytricha* (C. Steud. ex Thellung)
C. Frost ex S. J. B. B. (Cymosa)

5520 *Leptochloa neesii* J. Vasey

* 5521 *Cratogeomys capitatus* A. Michaux var. *lindheimeri* (Z.
engelmannii & A. Gray) J. Müller of Big Arroyo

5522 *Thunbergia pulcherrima* C. Linnaeus

* 5523 *Panicum hilli* J. Vasey var. *felipes* (C. Lamson-Scribner)
F. Vasey (felipes panicum)

5524 *Cynodon dactylon* (C. Linnaeus) L. Persoon

5525 *Melastrium coromandelianum* (C. Linnaeus) R.
J. Vasey

5513a *Flourensia triptera* A. P. de Candolle
(Strobil. palmifera)

22 September 2001. Palo Alto Battlefield National
Historic Site 5.8 km southeast of El Paso and
0.5 km north. Near the intersection of FM 511 and
1847. Cameron County, Texas.

- 5514 *Euphorbia* ~~peruviana~~ ^{herbacea} K. Kunth
herbacea
- 5515 *Tillandsia* *Barbeyi* J. Rose, ex J. K. Small
epiphytic on *Clethra pallida* (T. & G. S. V.) (catch light)
- 5516 *Phoradendron* *torreyi* (A. P. de Candolle) J. Engelman ex
epiphytic on *Prosopis glandulosa* A. Gray, smutted.
- 5517 *Bouteloua* *trifida* L. Shumacher
herbacea
- 5518 *Chordea* *condana* (G. Berlandier) L. Rico?
herbacea
- 5519 *Cleppia* *cuspidata* A. Gray
fleshy-leafed (cactus?)
- 5520 *Jamun* *aphylla* (C. Timmermans) J. Karstén
salt cedar
- 5521 *Leptocloa* *unimurra* (G. Presl) A. Hitchcock and M. A. Chase
Mexican grass-like top
- 5522 *Lantana* *urticoides* A. von Hayek
Lantana
- 5523 *Justicia* *pilosella* (C. Nees von Erenberg) R. H. Scharck
Acanth tube tongue; corolla purple; flamm. 2
- 5524 *Synphyotrichum* *subulatum* (A. Michaux) J. Nees
herbaceous prostrate
- 5525 *Tridax* *peruviana* (J. Vasey & F. Lamont) Scribn. &
J. Nees
herbaceous (ruderal)
- 5526 *Digitaria* *californica* (S. Benth.) J. Hemsl.
herbaceous (ruderal)
- 5527 *Descurainia* *versicolor* C. Persoon
sea purslane

- ② 5528 *Tridens texanus* (S. Watson) J. Nash
fine tridens
 5529 *Buchloe dactyloides* (T. Nuttall) J. Engelmann
buffelgrass
 5530 *Urochloa texana* (S. Buckley) R. D. Webster
Texas millet
 5531 *Leptochloa mucronata* (A. Michaux) K. Kuwahara
red grass
 5532 *Suaeda cinerea* (S. Elliott) C. Moquim Jandov
Chen *seabite* *partial shrub*
 5533 *Gutierrezia dioica* (P. de Cavanilles)
barberry
 5534 *Monis x subdolichostachya* J. K. A. Müller
short spike *round millet*
 5535 *Tridens albescens* (L. Vasey) E. Wootton & P. Standley
white tridens
 5536 *Cynodon dactylon* (L. Fournier) C. Person
Bermuda grass
 5537 *Brachiaria laguncularis* (L. A. P. de Candolle) W. Hentley
subsp. longipes (E. C. Standley) K. Ulbricht & F. Gould
 5538 *Paspalum pubellum* J. Bigard ex E. Fournier
large leaf paspalum
 5539 *Lecharitium impudicum* (P. Forskål) O. Stief
kleberg blue fern
 5540 *Setaria leucopis* (F. Laman) Scribn. & E. Merrill K.
plains *brushgrass* *Schumann*
 5541 *Chloris ciliata* (L. Swartz)
finger chloris
 5542 *Cyperus articulatus* (L. Link.) C. Link.
jointed flatsedge
 5543 *Trichloris pluriflora* (L. Fournier)
multiflowered *false Rhodesgrass*
 5544 *Pennisetum ciliare* (L. Link.) J. Link.
buffelgrass

- 5545 *Cheopodium berlandieri* C. Moquin-Tandon
malotrous
- 5546 *Buckleya dactyloides* (T. Nutt.) J. Engelman
♀ buffalograss
- 5547 *Paspalum pubiflorum* F. Ruprecht ex E. Fournier
grasses
- 5548 *Mimosa stipularis* J. Torrey & A. Gray
dry narrow-leaved mimosa
- 5549 *Portulaca oleracea* C. Linnaeus
purslane
- 5550 *Salix nigra* H. Marshall
Black willow
- 5551 *Sida spinosa* C. Linnaeus
prickly mallows
- 5552 *Urochloa panicoides* A. P. Hitchcock de Beauv.
barnyard grass
- 5553 *Croton leucophyllus* J. Müller of Argau
croton
- 5554 *Helianthus annuus* C. Linnaeus
- 5555 *Baccharis neglecta* N. Britton
Rosebush
- 5556 *Amaranthus blitoides* L. Wats.
prostrate pigweed
- 5557 *Paspalum geminatum* (P. Fresk.) V. Hoffm.
narrow-leaved grass
- 5558 *Marsilea vestita* (L. Hook.) F. Lindb.
narrow-leaved Marsileaceae
- 5559 *Cyperus* sp.
flat-edge

5560 *Urechia paniculata* (O. Swartz) R. D. Webster

Brown top cynodactylon
5561 *Leptochloa mucronata* (A. Michaux) K. Kunze

red springletop
5562 *Splachnum americanum* P. Miller
dry meadow (area) American nightshade

13 October 2001, Kennedy County, Texas.
11.1 miles south of Supt. off Highway 77.
Deep sandy soil adjacent to the highway and
road right-of-way. Shrubby area dunes
in the area.

5563 *Panicum virgatum* L.

5564 *Andropogon gerardii* Vitman

5565 *Bouteloua curtipendula* Lag.

5566 *Trichoneura elegans* S. W. Allen

13 October 2001, Russell County, Texas. Padra
Glade National Preserve. 10.5 miles south
of the park entrance. Common on a secondary dune
that was burned in December 1999.

5567 *Eragrostis lugens* Nees

27 October 2001 Palo Alto Battlefield National
Historic Site, 5.8 km southwest of El Paso and 0.5
km north. Near the intersection of FM 511 and 1847.
Common County Texas.

- 5568 *Portulaca pilosa* (C. Linnaeus) ^{Thunberg}
5569 *Melochia pyramidata* (C. Linnaeus) ^{Ward} ~~pyramidata~~ ^{pyramid-flower} Corolla pink-violet
5570 *Opuntia leptocaulis* A.P. de Candolle ^{desert Christmas cactus} ~~Opuntia~~ ^{Taxilla}
5571 *Chamaeneria odorata* (C. Linnaeus) R. Kunz & H. Robinson ^{Crucifera}
5572 *Clematis drummondii* J. Torrey & A. Gray ^{barbas de dravata} ~~drummondii~~ ^{glabrous} ~~bracteata~~
5573 *Macheraudera phyllocephala* (A.P. de Candolle) L. ^{Thunberg} ~~phyllocephala~~ ^{camphor} ~~dumosa~~
5574 *Locoma drummondii* (J. Torrey & A. Gray) E. Greene ^{red-wood}
5575 *Leucaena puberula* (D. von Schlechtendel) L. ^{Leucaena} ^{tepequaser}
5576 *Clusia subcordata* (C. Mueller) ^{Clusia} ~~subcordata~~ ^{Clusia}
5577 *Dichanthium crinitum* (J. Boiret) C. Hubbard ^{angelito} ~~crinitum~~ ^{crinitum}

21 October 2001. Niue County, Texas. Padre
State Natural Scap. P. 5 miles south of the
park entrance. Adjacent to the Grand Prairie
Road. Captured plants. Undamaged in December 1979.

011

5578 *Digitaria texana* A.S. Hitchc.

5579 *Cratichneumon longiscapa* (Rov.) var. *gemiculata* (Raf.) Fern.

5580. *Silene puberula* Michx.
corolla blue, zygomorphic

20 October 2001. Freshwater wetland adjacent
to Highway 186. Located west of Highway
and Highway 186. Located west of Raymondville.
Culley County

5581 *Populus acuminata* Raddi

16 December 2002. Palo Alto, Battleground National
Antiquarian Site, 5.8 km southeast of El Paso and
2.5 km north. Near the intersection of FM 511
and 1847. Cameron County, Texas.

AGAVACEAE

Agave americana L. ^{Simmons} Century plant, maguey; no voucher

- ① 5582 *Aristida purpurea* T. Nuttall var. *longicoma* (E. Woodson) G. Vasey
adjacent to gravel path; herbiferous construction
etc. (red free achenes)
- ① 5583 *Verbena halei* S. K. Small
corolla blue Texas verbena
- ✓ ③ 5584 *Evolvulus alpestris* (C. Simmons) C. Simmons var. 2.
angustifolius J. Gray corolla blue ojo de víbora
- ✓ ① 5585 *Chloris ciliata* O. Swartz fringed chloris
- ✓ ① 5586 *Calyptracarpus vialis* C. Trevisan straggler daisy
- ✓ ① 5587 *Melantherum coronandelianum* (C. Simmons) C. Trevisan
yellow corolla
- ✓ ② 5588 *Leptochloa dubia* (Kunth in H.B.K.) Nees ^{perennial} green spangle top
- ✓ ③ 5589 *Tridax texanensis* (S. Watson) J. Nash Texas Tridax
- ② 5590 *Entropogon chloricus* (J. Presl) G. Clayton
^{maritime daisy}; no deep green & green
- ③ 5591 *Sida abutilifolia* P. Miller
corolla yellow; prostrate
- ② 5592 *Cyperus retroflexus* S. Buckley
- ✓ ③ 5593 *Lantana achyroanthifolia* R. Defontaines
corolla lavender; ca 0.5 m tall desert Lantana

- ✓ ③ 5594. Physalis pubescens C. Linnaeus
pubescent, annual
- ③ 5595 Heliotropium angiospermum J. Murray
corolla white
- ✓ ① 5596 Delia scandens (P. Miller) R. Clausen var. pauciflora
(J. Coulter) R. Bergby
- ✓ ③ 5597 Margaritella scandens O. von S. Mechtend
- ✓ ③ 5598 Solanum americanum P. Miller
- ① 5599 Dysodia tenuifolia (A. P. de Coudolle) B. Robinson var.
traculis (A. Gray) J. Strother
- ③ 5600 Verbesina microphylla A. P. de Coudolle
ray flowers white frostweed
- ✓ ① 5601 Enteropogon chloridans (J. Presl) W. Clayton
burweed windmillgrass
- ① 5602 Argemone humilis (J. Engelm. & A. Gray) J. Miller
off. large wild mung
- ① 5603 Senecio cleracens C. Linnaeus cow thistle
- ✓ ③ 5604 Celosia nitida M. H. Vahl
celosia
- ① 5605 Physalis cinerascens (M. Dunal) A. Hitchcock
ground cherry
- ✓ 5606 Cyperus esculentus C. Linnaeus
yellow nutgrass
- 2 5607 Commelina erecta C. Linnaeus var. angustifolia
(A. Michaux) M. Fernald without top
- ✓ 1 5608 Leptochloa nealeyi Vasey neale's quackgrass
- ✓ 3 5609 Panicum hallii J. Vasey hall's panicum
- 3 5610 Digitaria cognata (J. A. Schultes) R. Pilger subsp. pubiflora
(J. Vasey) J. Wipff fall wildgrass

✓₃ 5611 Chloris barbata O. Swartz

*₃ 5612 Bouteloua trifida J. Turber red grass

₃ 5613 Tridens fragrostoides (L.) Vasey & F. Lamson Scribn. & G. Nees

① 5614 Dichanthium sericeum (R. Br.) A. Camer
Dichanthium

Mammillaria Haydeni
Euphorbia domingensis

18 January 2003. Palmarito Battlefield National
 Monument, 6.8 km southeast of Amlito and 0.5 km north
 of the intersection of FM 511 and 1847, Cameron County, Texas

015

- 5615 *Lobelia belandieri* A.P. de Candolle
 corolla blue
- 5616 *Urtica chamaedryoides* J. Presl
- + 5617 *Spermacoce glabra* A. Michaux
 smooth leaved
- + 3 5618 *Oenothera speciosa* T. Nuttall
 amaranth del campo.
- * 5619 *Polypogon monspeliensis* (L. Gaillardet) E. Palla
 salt marsh grass
- 3 5620 *Amorpha canescens* C. Gussone
- 2 5621 *Lespedeza exaltata* (C. Rafinesque-Schmaltz) P. Rydberg ex
 A. Hill
 corolla yellow
- 1 5622 *Senecio tampicanus* A.P. de Candolle
- + 2 5623 *Glandularia virginicaefolia* (T. Nuttall) T. Nuttall
 corolla: type pink. *Dikotyledonae*
- * 1 5624 *Lycium carolinianum* T. Nuttall var. *quadrifidum*
 T. & G. Smith (C. Hitchcock) *Capsella wrightii*
- * 3 5625 *Capsicum annuum* C. Gussone var. *aviculare* (L. Dierbach)
 W. O. Gray & W. Ecklon *chilipequin*
- + 1 5626 *Lepidium lasiocarpum* T. Nuttall ex J. Gray & A. Gray
 var. *wrightii* (A. Gray) C. Hitchcock *pyrgos*
- 2 5627 *Thlaspi paniculatum* C. Gussone
 corolla white
- 2 5628 *Parietaria pennsylvanica* B. H. Mullenberg ex C. Gussone
 Willdenow var. *obtusata* P. Rydberg ex J. K. Small & L. Chumley
- 2 5629 *Oxalis dichondrifolia* A. Gray
 corolla yellow

5630. *Acourtia runcinata* (M. Lagasca y Segura ex.
D. Don) B. L. Turner.

Yucca treuleana E. Carrière (in flower)

23 February 2003. Palo Alto Battlefield National Historical Site. 5.8 km southeast of El Paso and 0.5 km north. Near the intersection of FM 511 and 1847. Cameron County, Texas. 017

² 5631. *Cyperus variculatus* C. Linnaeus
central

¹ 5632. *Oxalis dichrocephala* A. Gray
corolla yellow agitated

³ 5633 *Rumex crispus* L. Moench
dark

✓ [3] 5634 *Eleocharis acutostachya* M.C. Johnston

¹ 5635. *Sagittaria longiloba* J. Engelman ex J. Gray.
grasses

✓ [3] 5636 *Eleocharis acutostachya* M.C. Johnston

³ 5637 *Saururus coccineus* C. Persoon
stamens > 20. perianth purple.

³ 5638 *Echinodorus heterophyllus* (K. Sprengel) N. J. Fernald.
buried - dry, near water

³ 5639 *Eryngium yuccifolium* A. de Jussieu ex Delaroch.
Hierba del sapo.

✓ [3] 5640 *Erigeron annuus* A.P. deCandolle

5641 *Lemnaca perfoliata* (C. von Willdenow) A. Cabrera
Cudweed

check corolla ³ 5642 *Clitarea bignonioides* A. Berollet
white corolla; corolla purple.

5643 *Acacia mimosa* (M.E. Jones) P. de Bouchamp
hummock

¹ 5644 *Physocarpus physocarpus* (A. Gray) P. Fernald

[3] ✓ ³ 5645 *Lesquerella laevigata* (V. Hilleb. ex A. Gray) S. Watson var.
berlandieri (A. Gray) E. Payson

- 5646 *Lepidium laevigatum* T. Nuttall ex J. Gray & A. Gray
 (var. ~~laevigatum~~) (AC Gray) C. Hitchcock *Chloranthus*
 5647 *Phyllanthus poligonoides* T. Nuttall ex K. Sprengel.
 leaf flaves
 5648 *Senecio tampicarius* A. P. de Candolle
 Butterweed
 5649 *Glandularia quadrangulata* (A. A. Heller) R. V. Yarnes
 prostrate leafed (various)
 p. 224
 5650 *Sesuvium minutum* K. Kunth
 in a shallow crater (depression); resaca
 flat duckweed

Dichondra

Yucca treculana E. Carrière (in flower)
 Spanish dagger, palma pita.

Mimosa asperata C. Dinnicus *sericea*
Solanum campechiense C. Dinnicus
resaca (various)

Pontederiacae

Heteranthera dubia (N. von Jacquin) C. MacMillan
 water stargrass

13 March 2003 Palo Alto Battleground National
Historic Site 5.8 km northwest of Del Rio and 0.5 km
north. Near the intersection of FM 511 and 1847
Comal County, Texas.

019

- [3] 5651. *Euphorbia californicum* (J. Torrey & A. Gray)
corolla purple
- ✓ 5652. *Calibrachoa parviflora* (A. J. de Jussieu) W. D. Aray
corolla purple wild pelopon
- [1] 5653. *Wedelia texana* (A. Gray) B. L. Turner
- ✓ 5654. *Heteranthera diffusa* (N. von Jacquin) C. MacMillan
corolla yellow; water elongated in shallow water
- ✓ 5655. *Senecio ampullaceus* (W. Hooker)
corolla yellow groundsel
- ✓ 5656. *Psychotria virginica* (J. Torrey & A. Gray) A. Gray
white disc flava - dry, open hill
- ✓ 5657. *Meibomia procumbens* (P. Miller) J. K. Small
yellow corolla white hill
- ✓ 5658. *Samochaeta falcata* (J. de Lamarck) A. Cabrera
cutwood depressant white hill
- ✓ 5659. *Callisia micrantha* (J. Torrey) D. Hunt
spiderwort
- ✓ 5660. *Demophyllum texanum* (J. G. Smith) S. R. Stonecrop
white hill
- ✓ 5661. *Dalea pinnatifida* (J. Gray var. *walpersii*) (B. Gray & J. Berthel) B. L. Turner
bearded dalea
- ✓ 5662. *Erigeron pinnatifidus* (C. Linnaeus) (L. K. Small)
corolla white; flowers brown white hill
- ✓ 5663. *Mimosa asperata* (C. Torrey)
ca. 1.5 m tall. (m) a. cort. (brown)
- [2] 5664. *Chloris x subdolichostachya* J. K. A. Müller
5665. *Euphorbia verma* C. Rafinesque Schmalz
rebut to talco

- 2 5666 *Dryodietia pentachaeta* (A.P. de Candolle) B. Robinson
 2 5667 *Gutierrezia dioica* V. de Cernantes
 5668 *Simoesia calva* (J. Engelman & A. Gray) A. Gray
 5669 *Helianthus* ^{Arata Hill, San Jacinto Mts. (Buckley)}
 [2] 5670 *Abutilon trisulcatum* (N. von Jacquin) T. Urban
 5671 *Dichondra micrantha* T. Urban
 [3] 5672 *Justicia pilosella* (C. Nees & Esenbeck) R. Holzner
 [1] 5673 *Sonchus oleraceus* C. Tenore
 5674 *Solanum triquetrum* A. Cavendish
 [2] 5675 *Verbena muscosa* K. Kunth
 [1] 5676 *Sonchus asper* (C. Tenore) J. Hill
 5677 *Manduca macropoda* J. Engelman ex A. Brown
 5678 *Senecio dactyloides* K. Kunth subsp. *sumatrensis* (J. K. Small) B. K. Smith
 5679 *Eclipta prostrata* (C. Tenore) C. Tenore
 5680 *Mimosa biuncifera* (D. Swartz) J. Benth. var.
 5681 *Cycloperum latifolium* (C. Persson) T. A. Gray
 5682 *Solanum cappechianae* C. Tenore
 5683 *Solanum cappechianae* C. Tenore
 5684 *Solanum cappechianae* C. Tenore
 5685 *Solanum cappechianae* C. Tenore
 5686 *Solanum cappechianae* C. Tenore
 5687 *Solanum cappechianae* C. Tenore
 5688 *Solanum cappechianae* C. Tenore
 5689 *Solanum cappechianae* C. Tenore
 5690 *Solanum cappechianae* C. Tenore
 5691 *Solanum cappechianae* C. Tenore
 5692 *Solanum cappechianae* C. Tenore
 5693 *Solanum cappechianae* C. Tenore
 5694 *Solanum cappechianae* C. Tenore
 5695 *Solanum cappechianae* C. Tenore
 5696 *Solanum cappechianae* C. Tenore
 5697 *Solanum cappechianae* C. Tenore
 5698 *Solanum cappechianae* C. Tenore
 5699 *Solanum cappechianae* C. Tenore
 5700 *Solanum cappechianae* C. Tenore

- 5683 *Chenopodium* ^{coronop} *coronopus* (M. Donal) A. Gray
 false nightshade
- [3] 5684 *Coreopsis tinctoria* Nuttall
- 5685 *Plantago rhodoperma* J. Decaisne
- 5686 *Argemone humilis* (J. Engelm.) A. Gray J. Müller
 J. of Texas will mercury
- [3] 5687 *Paricaria halleri* J. Gray var. *filipes* (F. Lamour.) S. Watson
 J. Walter
- ✓ 5688 *Lesquerella argyrea* (A. Gray) S. Watson
 shape of round silicle bladder
- ✓ 5689 *Lesquerella argyrea* (A. Gray) S. Watson
 silicle bladder
- 5690 *Notocordum brevifolium* (B. Linn.) M. Botton
 crown potato

17 April 2003. Palo Alto Battlefield National
Historical Site, 5.8 km southeast of Elmira and
0.5 km north. Near the intersection of FM 511 and
1847. Cameron County, Texas

- 3 5691 *Heliconia microcephala* A. P. de Candolle var. *oculipium*
(A. Gray) M. Bierman
dry roadside
- 3 5692 *Clappia laevis* (L.) A. Gray
(A. Gray) M. Bierman
dry roadside
- 3 5693 *Salvia coccinea* P. Buchs. ex A. Etlinger
corolla red
- 3 5694 *Cirsium texanum* S. Buckley
- 2 5695 *Typha domingensis* C. Pedron
dry roadside
- 3 5696 *Solanum campechianum* C. Sennaeus
dry roadside
- 1 5697 *Cyperus articulatus* C. Sennaeus
dry roadside
- 3 5698 *Sida spinosa* C. Sennaeus
- 3 5699 *Protopia glandulosa* J. Treney
- 2 5700 *Parkinsonia aculeata* C. Sennaeus
- 3 5701 *Verbena brasiliensis* J. Velloso de Miranda
(Brazilian verbena)
- 5702 *Dichanthium sericeum* (R. Brown) A. Camus

3 June 2003. Palo Alto Battlefield National
Historic Site. 5.8 km southeast of Elmido and
0.5 km north. Near the intersection of FM 511
and FM 1847. Cameron County, Texas.

023

- N ✓ 1 5703 *Passiflora foetida* (C. Linnaeus) (var. *garayana*)
(N. S. Sauer) ex J. W. Hamilton (M. T. Medford) ^{cotton-leaf passionflower}
N ✓ 3 5704 *Lycium berlandieri* M. Dunal ^{corona de cristo}
N ✓ 3 5705 *Eustoma exaltatum* (C. Linnaeus) A. Salisburg ex
J. D. M. ^{Belendiera wolffery}
5706 ^{Tetragonia gentiana, blue bell gentian}
5707
N ✓ 1 5708 *Symphoricarpos divaricatum* (T. Nuttall) J. Nees
5709 *Jalisco* ^{Piedra del marrao, wire weed, salt marsh aster}

- 11 September 2003. Mc Mullen County Texas
 Escobedo Ranch. 8 miles west and 18 miles north
 of Jerez on county road 401. U.S. Naval Installation
 5710 *Trichopogon cristatus* (M. Lagasca y Segura) L. Parodi
 roadside near entrance gate
 5711 *Pappophorum* ~~color~~ *color* E. Fournier
 5712 *Sporobolus cryptandrus* (J. Torrey) A. Gray
 5713 *Digitaria corymbosa* (Schult.) Pilger
 5714 *Setaria leucopila* (Scabro = Merri.) K. Schum.
 5715 *Aristida purpurea* Nutt. var. *longista* (Steud.) Vasey
 5716 *Panicum hallii* Vasey var. *filipes* (Scabro.) Vasey
 5717 *Urochloa maxima* (Jacq.) R. D. Webster
 lower fruit sterile
 5718 *Buckleria dactyloides* (T. Nuttall) J. Engelman
 5719 *Urochloa maxima* (Jacq.) R. D. Webster
 5720 *Urochloa maxima* (Jacq.) R. D. Webster
summitalis
 5721 *Panicum hallii* Vasey var. *filipes* (Scabro.) Vasey

13 September 2003, Hidalgo County, Texas.
Roadside park @ Jim San Miguel adjacent
to highway 281

025

- 5722 Setaria italica (C. Linnaeus) A. P. de Beauvois
annual
5723 Urochloa novae-hollandiae (E. Hackel) J. Dandy
annual, perennial

25 September 2003, Cameron County, Texas. Southport
Natural Conservancy Preserve, approx. southeast of
Brownsville. Roadside adjacent to a citrus grove
on State Road.

- 5724 Chloris ciliata O. Swartz
5725 Panicum
ca 2.0m tall, knee spand, crest of
riverbank
5726 Pennisetum nervosum (Lam.) Trin.
leaves glaucous; culms brittle
Woodland margin
5727 Chloris barbata O. Swartz
5728 Echinochloa indica (C. Linnaeus) J. Gaertner
5729 Eragrostis Barrelieri J. Durau
5730 Urochloa fasciculata (O. Swartz) R. D. Webster
5731 Urochloa panicoides A. P. de Beauvois
5732 Dactyloctenium aegyptium (C. Linnaeus) A. P. de Beauvois

29 September 2003. Hidalgo County, Texas.
Campus of the University of Texas - Pan American
Detached Site. Old baseball stadium. Eubry.

5733 *Urochloa reptans* (L.) Stapf

5 October 2003. Hidalgo County, Texas. Weedy area
and 116 South Blvd. Eubry.

5734 *Amaranthus blitoides* Watson
monocotyledon

5735 *Digitaria bicoloris* (Lam.) Roem. & Schult.
rooting at nodes

5736 *Urochloa reptans* (L.) Stapf

6 October 2003. Hidalgo County, Texas. Weedy area at
former baseball stadium) of the campus of the
University of Texas - Pan American. Eubry.

5737 *Amaranthus palmeri* Watson
staminate, acaulescent

5738 *Euphorbia prostrata* Ait. *Chamaesyce prostrata* (L.) Aiton
capitate pubescence, seeds with transverse
ridges

7 October 2003. Hidalgo County, Texas. Germinal area
located adjacent to the Emergency Hwy at the
campus of the University of Texas - Pan American.
Eubry.

5739 *Paspalum dilatatum* Poir.

5740. *Chamaesyce hypericifolia* (C. Linn.) C. Milligan

7 October 2003 (continued)

- 5741 *Alternanthera coracana* H.B.K.
Prostrate, rooting at the nodes

8 October 2003 Hidalgo County, Texas. Woody area
at the former base of the stadium of the campus of
the University of Texas-Pan American (El Paso)

- 5742 *Trianthema pustulacastrum* C. Timmer
sepio-pinto

11 October 2003. Roadside, FM 3231, ca 5 miles
north of El Paso, Hidalgo County, Texas

- 5743 *Nyctaginea capitata* Gray

- 5744 *Manfreda longiflora* (J. Rose) S. Verjovik-Williams
[ETDES IV] Texas Threatened
fence line

11 October 2003. Hidalgo County, Texas. Fallow agricultural
field. Former Jackson road adjacent to US Post
Office building.

- 5745 *Boerhaavia ischaemum* (C. Timmer) Y. Keng
var. *boerhaavia* (C. Timmer) S. Verjovik-Williams
R. Clarion & G. Harlan

- 5746 *Margaritella colanensis* D. von Schlechtendal
pamicea (A. Petrus) G. Chino subsp.

- 5747 *Leptochloa mucronata* (L. Michaux) K. Runtz R. Nowak

12 October 2003. Cameron County, Texas. Sonoran tract.
Texas Parks and Wildlife Department, hunting area. 4.4
miles north of Lordsburg

5748. *Boerhaavia aristoides* (K. Runtz) A. Grisebach

30 October 2003. Borden County, Texas.
 Near the U.S. Border Patrol checkpoint station north
 of Salinas on Highway 281.
 5749 *Mentzelia laevis* (F. Pursh) A. Jones & A. Gray var. *laevis*
 (G. Osterhaed H. Herring)

30 October 2003. Hidalgo County, Texas. 265
 miles north of Edinburg on Highway 281. Sandy
 roadside margin.
 5750 *Eragrostis*

5751 *Pennisetum*
glauca

3 November 2003. Hidalgo County, Texas. Weedy
 flower bed on the campus of the University of Texas-
 Pan American; adjacent to the Education Building,
 Edinburg.

5752 *Chenopodium murale* C. Linnaeus
erectum

6 November 2003. Hidalgo County, Texas. Weedy
 flower bed on the campus of the University of Texas-
 Pan American; adjacent to the New Science Bldg.

5753 *Emilia sphaerocarpa* D. Nicolson
corolla red

5754 *Youngia japonica* (C. Linnaeus) A. P. de Candolle
corolla yellow; milky latex

5755 *Fatoua villosa* (C. Thunberg) T. Nakai.
monocotyledonous; in back chaps

13 November 2003. Hidalgo County, Texas.
Near highway 83 about 0.5 miles east of
the U.S.M.A. border in Hidalgo. ca 0.5 miles west
of the Wes-Mor Drive Inn. Canal levee

029

5756 *Prochlamys* (P. Forsk.) T. Z. Nguyen
Culms extending into a canal

5757 *Cyperus* *sicoides* C. Timmons
Covering trees and shrubs along the canal

19 November 2003. Hidalgo County, Texas. Grappling
equipment field adjacent to Fortan Reg. South of
Elmberg (near) Elmer's Regional Hospital

5758 *Salicornia* *triquis* C. Timmons

10 January 2004. Hidalgo County, Texas. On the
margin of a path at the Fortan Reg. South of
Elmberg (near) Elmer's Regional Hospital. At
the entrance of Elmer's Park. @ the intersection of
Sprague and Elmer's.

5759 *Juncus* *procumbens* C. Timmons

25 March 2004. Hidalgo County, Texas. (Wich)
Site adjacent to the Elmer's Reg. South of the
campus of the University of Texas - Pan American.
Elmberg

5760. *Cynodon* *dactyloides* C. Timmons
Wich

31 March 2004, Cameron County, Texas,
(Vegetated flat). South Padre Island.
4.3 miles north of the City limit

5761 *Dichanthelium sphaerocarpon* (S. Elliott) J. Gould

1 April 2004, Hidalgo County, Texas, Campus
of the University of Texas - Pan American, Laredo
Adjacent to the Science Bldg. Edinburg

5762 *Dichondra carolinensis* A. Michaux

5763 *Cyperus rotundus* L. Linnaeus
flowered

2 April 2004 Starr County, Texas. Families west
and 10 miles north of Roma on Santa Clara
Rd. Clay soil. Maria Salazar.

Hydrocotyle odorata A. P. de Cordolle

16 April 2004, Hidalgo County, Texas. In getting
soil at a commercial nursery in McAllen

5764 *Euphorbia*
muddy color

5765 *Bidens odorata* A. Coville
fragrant rays white

5765a. *Euphorbia dentata* A. Michaux

18 April 2004 Hidalgo County, Texas.
Roadside about 5 miles N of La Jota
on F.M. 2221

031

5766 *Arbrosia confertiflora* A.P. de Candolle
forming colonies; melanaceous

5767 *Mortonia greggii* A. Gray
at edge of hillside

5768 *Acacia berlandieri* G. Benth
calcareous hillside.

20 April 2004 Hidalgo County, Texas, Campus of the
University of Texas - Pan American, Edinburg, Texas

5769 *Mimosa strigillosa* J. Torrey & A. Gray

5770 *Polanisia dodecandra* (C. Linnaeus) A.P. de Candolle
subsp. *microandra* H. G. G.

5771 *Lactuca serriola* L.
milk latex; var. *stodum*

24 April 2004 Hidalgo County, Texas, McAllen.
In a break up in asphalt parking lot but
protected by its proximity to parking barriers

5772 *Quararanda nuda* J. Sauer
only ♀ present.