

Vegetation response to disturbance in a coastal marsh in Te as

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¹Department of Natural Resources Management, Texas Tech University, Lubbock, Texas, USA 79409-2125 ² U.S. Fish and Wildlife Service, Anahuac National Wildlife Refuge, Anahuac, Texas, USA 77514 [†] Corresponding author. Recent address: Department of Biology, University of Louisiana at Monroe, Monroe, Louisiana, USA 71209-0520. E-mail: joydeep@ulm.edu ^{*} Retired

Ke words: D r , I r d r h, M r , Paspalum vaginatum, Scirpus olneyi, Spartina patens.

Abst	tract D r		drd	f h	f r	f				d d	r.
d	dfo	d d	ddr h		r			r h	r d	r	.I 99,
	r (Onda	tra zibethic	<i>cus</i> L.)	r	d		h 5 01	nr f	r d		r h
Т	, U A.	d	d	d r	r h d	r	(99-	99)	f	r r	h
r r	d d	frd	d (99 - 00)f	h d	r		r d	d r	,r h	,r
(d,	, d	r		r d	d	r	r d	h	r	r

r r dr.r -, r r f h r h d fh r r r f (r 99)rdr dd r d fdr h, r d

0, d h f 0 d . Th rrrd hr,h drrd r hi d r d d ffrhrfd r .M dr fr 99 - 00 h r r d fr 0 . The r h r r d fr 9, h r f . M r r -r 0° h r f5 ° (V h d h r 99). Th 99 r d r rr d rd rh .Ird rhh r rdfdr f rrdfdr f Vh Uddr (... *Distichilis* ., *Paspalum* ., *Spartina* .), d (Cyperus ., Eleocharis ., .),r h (Scirpus ., Juncus .), d (Typha domingensis) (U d h d d f r , h d d). d h h h r r dr f

Vegetation sampling

V h r d r d dfr 99 00.H r, Tr fh r d r 99. r f r d r d h r . T d r r f rr, dhdrd r fr 99 99 d fr 000 00 d r r.rrd r -,rd d r (h 0. d d d 50 d). h r h h d.A h rdrdrrd , rf d hd r rdd _ fr f rr.Ifrdrh

, r rdhfhr.rdrd rrddrrdr(99 hrh99) rrddd frrfrrfrf.

Data analysis

rddffr dr (fr ATr.,Hr.00)r h hrdhhfrrdfrh rrrdr Dr rr(AdB)rrrd fr hdrdfrhrrdh 000rd rf (A_i, B_i) hh rfd hr rr

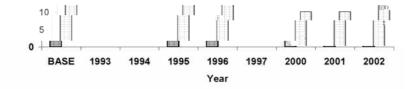


Figure 2.

Cyperus articularis, Eleocharis montevidensis, d Eleo*charis parvula*hdhhr d rd r rdhf dr r h . r d fr 0 5 f hr.N d rrdr frh r 99, 99, d 99, hr 9**9** hd h h h r,f 00 (.). d

Th 5 d hr, rd-, r Paspalum vaginatum, Distichilis spid r cata, Scirpus olneyi, Spartina patens, d Typha domingensis. H r, Paspalum vaginatum, d Spartina *patens* r h f h 5 d frdr.Ahhh d r r r r d rhddhrf f Paspalum vaginatum d r , h d 99 000 d 00 - 00 r d d fr h d d d r d r . Th d f

Spartina patensd ddr 99-00 rd.H r, d fh d *Scirpus olneyi* r df h d r . *Typha domingensis* d r fr hhr h h r f r d hr.Thhh f Typha domingensis d r dr 99 d99 h h r 9**9** d 99. hr dr r,r -00 d 00 h h r h h r r f Typha domingensis d h h r d 00.

Richness and abundance

d d r d d d rr 99 d r r.h h , d5 99 h r f d -(.). Thr r d r r h r 99 hr h 99 , h 99 h fr h r h r r fr

99. Afrh 99, hr hrd 000, hh d 00 h hr r r . Thr h r r h 00. Ar rh h rd r rd d 00, . r rh, d hd , 99 (d d /r) d h hr 99 (0 d d /r), d d d hr fr, rh d d 00, hh rh r r r h ch c

Thfd (hhfr r) frdfrhdr h 0- r r d f d r (5). Af r h 99 ,d r d d 99 d 99 f r 99, f d - r d r d r 00 (5). r f r d r , d r r d h ' d d r d r d r d r .H r, d r h h r h r d r d r h f r (99 - 99) d r r d f 99 99 ($t_2 - 0.$, P 0.00). D r 99 d d r 99 ($t_2 559$, P 0.00). Th r h ($t_2 0.$, P = 0.) d r 99 d 99 (5). h d f d r 99, h r h r d d r h r d r 000 (t_2 . 5, P 0.00) (5). d r h r d r 00 d 00 r h d d r f h r d r r d (r d r - 00 t_2 . 0, P 0. d r d r -00 t_2 0. f d h d r r d r d r, h h fr 99 d h d 99. r df d 99. r df d r 99. r df d r 99. r d f d r 7 00. f d h d r r d r 00. f d h d r r r d r , h h f r 99 d h d 99. r h d 05. 00, d d f r d r , h h h r d r f 05.

Sörensen index of similarity

	r d	r			-
	h	r d	r	rdd h	r
d f		h d	r	. Th	-

rr d f d d r

f d r , d h , h r d frh d rr. A ,*Typha domingensis* h -