

Wertheim NWR Water Management Demonstration Project Data Report
Vegetation Biomass
Area 4 (2003-2007)

Date	Sample Location	Live Vegetation Weight (g)	Dead Vegetation Weight (g)	Marsh Zone	Vegetation Description
2003					
10/13/2003	4-1-40	28.6	NS	HM	<i>S. patens</i>
10/13/2003	4-1-80	68.0	NS	HM	<i>S. patens</i>
10/13/2003	4-1-120	33.7	NS	MIX	<i>S. patens, S. alterniflora</i>
10/13/2003	4-2-00	19.6	NS	HM	<i>S. patens</i>
10/13/2003	4-2-40	36.1	NS	HM	<i>S. patens</i>
10/13/2003	4-3-00	36.9	NS	HM	<i>S. patens</i>
10/13/2003	4-3-120	48.8	NS	PHRAG	<i>Phragmites australis, S. patens</i>
10/13/2003	4-4-00	2.0	NS	PHRAG	<i>Phragmites australis</i>
10/13/2003	4-4-80	67.8	NS	HM	<i>S. patens, S. pungens</i>
2004					
10/20/2004	4-1-40	11.3	4	HM	<i>S. patens, P. purpurascens</i>
10/20/2004	4-1-80	66.6	10.2	HM	<i>S. patens</i>
10/20/2004	4-1-120	28.1	6.4	MIX	<i>S. patens, S. alterniflora</i>
10/20/2004	4-2-00	28.3	18.2	HM	<i>S. patens, S. pungens</i>
10/20/2004	4-2-40	26.9	5.8	HM	<i>S. patens</i>
10/20/2004	4-3-00	45.1	17.8	MIX	<i>S. patens, S. alterniflora</i>
10/20/2004	4-3-120	35.4	5.6	PHRAG	<i>Phragmites australis, S. patens, S. sempervirens</i>
10/20/2004	4-4-00	25.0	21.0	PHRAG	<i>Phragmites australis, P. purpurascens, S. pungens</i>
10/20/2004	4-4-80	12.2	12.5	HM	<i>S. patens, D. spicata</i>
2005					
10/20/2005	4-1-40	18.2	8.9	HM	<i>S. patens, D. spicata</i>
10/20/2005	4-1-80	46.4	20.6	HM	<i>S. patens, D. spicata</i>
10/20/2005	4-1-120	26.2	6.8	MIX	<i>S. alterniflora, S. patens</i>
10/20/2005	4-2-00	37.2	12.3	HM	<i>S. patens, D. spicata</i>
10/20/2005	4-2-40	52	16.4	HM	<i>S. patens, D. spicata</i>
10/20/2005	4-3-00	49.9	23.1	MIX	<i>S. patens, D. spicata</i>
10/20/2005	4-3-120	24.9	4.3	PHRAG	<i>D. spicata, S. patens, Phragmites australis</i>
10/20/2005	4-4-00	22.9	18.5	PHRAG	<i>Phragmites australis, S. patens, S. robustus</i>
10/20/2005	4-4-80	16.4	13.3	HM	<i>D. spicata, S. patens</i>
2006					
10/13/2006	4-1-40	29.81	8.09	HM	<i>S. patens, D. spicata</i>
10/13/2006	4-1-80	57.66	40.70	HM	<i>S. patens</i>
10/13/2006	4-1-120	35.16	4.50	MIX	<i>S. alterniflora, S. patens</i>
10/13/2006	4-2-00	80.56	7.86	HM	<i>S. patens</i>
10/13/2006	4-2-40	63.61	8.26	HM	<i>S. patens</i>
10/13/2006	4-3-00	50.77	-	MIX	<i>S. patens, S. alterniflora</i>
10/13/2006	4-3-120	30.33	20.50	PHRAG	<i>S. sempervirens, Phragmites, S. patens, Iva frutescens</i>
10/13/2006	4-4-00	no vegetation	91.83	PHRAG	<i>Phragmites, S. pungens, S. patens</i>
10/13/2006	4-4-80	36.56	9.42	HM	<i>S. patens, D. spicata</i>
2007					
10/18/2007	4-1-40	37.27	9.35	HM	<i>S. patens, D. spicata</i>
10/18/2007	4-1-80	34.68	65.36	HM	<i>S. patens</i>
10/18/2007	4-1-120	23.78	1.94	MIX	<i>S. alterniflora</i>
10/18/2007	4-2-00	40.21	11.19	HM	<i>S. patens, S. pungens</i>
10/18/2007	4-2-40	83.93	4.05	HM	<i>S. patens</i>
10/18/2007	4-3-00	42.78	22.9	MIX	<i>S. patens, S. alterniflora</i>
10/18/2007	4-3-120	20.03	7.13	PHRAG	<i>S. patens, I. frutescens</i>
10/18/2007	4-4-00	23.77	1.95	PHRAG	<i>S. patens, S. robustus</i>
10/18/2007	4-4-80	44.78	31.80	HM	<i>S. patens</i>

Notes: vegetation description listed in order of abundance
NS - not sampled
HM - high marsh vegetation
MIX - mix high marsh and low marsh vegetation
PHRAG - Phragmites dominated vegetative community