

Shaw Nature Reserve Wetland Mitigation Bank
Wetland Species List (excluding emergent aquatics)
South side of river. Acreage: 28

Species	Common Name	Wgt./acre	Actual
<i>Sedge</i>			
Carex annectans	Sedge	3 oz.	56
C. bicknellii			2
C. buxbaumii		2 oz.	56
C. brevior			4
C. crinita		1 oz.	15
C. frankii		3 oz.	70
C. grayi			40
C. hyalinolepis		1 oz.	4
C. lupulina		1 oz.	6
C. lurida	Sedge	3 oz.	28
C. muskingumensis	Sedge	3 oz.	84
C. shortiana	Sedge	1 oz.	23
C. squarrosa	Sedge	3 oz.	84
C. tribuloides	Sedge	2 oz.	30
Total sedges		22 oz.	502 oz.
<i>Rush</i>			
Juncus effusus	Soft rush	quarter oz.	7
Juncus spp	Rush	quarter oz.	6
Juncus biflorus	Rush	quarter oz.	7
Total rushes		¾ oz.	20 oz.
<i>Bulrush</i>			
Scirpus atrovirens	Rush	1 oz.	28
S. cyperinus	Rush	1 oz.	55 chaffy
S. georgianus	Rush		5
S. pendulus	Rush	1 oz.	22
Schoenoplectus tabernaemontana			29
S. validus	Rush	1 oz.	14
S. pungens	Chairmakers rush	1 oz.	5
Total Bulrush			123 oz.
<i>Grass</i>			
Chasmanthium latifolium			288
Panicum anceps			3
Spartina pectinata	Cordgrass	4 oz.	39
Total grasses			330
Total Sedges, Rushes, and Grasses		975 oz.	(61 lbs.)

Forbs

<i>Alisma plantago-aquatica</i>	Water plantain	1 oz.	28
<i>Asclepias incarnata</i>	swamp milkweed	5 oz.	45
<i>Aster novae-anglieae</i>	New England aster	3 oz.	96 chaffy
<i>A. praealtus</i>	Willowleaf aster		96 chaffy
<i>A. puniceus</i>	Swamp aster	1 oz.	24
<i>Bidens aristosa</i> or <i>cernua</i>	Bur marigold	3 oz.	42
<i>Boltonia asteroides</i>	False aster	.25 oz.	7
<i>Chelone glabra</i>			24
<i>C. obliqua</i>	Turtlehead	3 oz.	24
<i>Eupatorium coelestinum</i>	wild ageratum	1 oz.	19
<i>E. perfoliatum</i>	boneset	1 oz.	64
<i>Euthamia gymnospermoides</i>			64
<i>Helenium autumnale</i>	sneezeweed	2 oz.	48
<i>Hibiscus lasiocarpus</i>	rose mallow	5 oz.	140
<i>Hibiscus laevis</i>	rose mallow	3 oz.	24
<i>Heuchera richardsonii</i>	Alumroot	.5 oz.	8
<i>Iris virginica</i>	southern blueflag iris	4 oz.	104
<i>Lobelia cardinalis</i>	cardinal flower	.25 oz.	6
<i>Lobelia siphilitica</i>	Blue lobelia	.25 oz.	4
<i>Ludwigia alternifolia</i>	Seedbox	.5 oz.	26
<i>Lycopus americanus</i>	Swamp water horehound	.25 oz.	4
<i>Lythrum alatum</i>	winged loosestrife		8
<i>Mimulus ringens</i> or <i>alatus</i>	Monkeyflower	.25 oz.	17
<i>Monarda fistulosa</i>	wild bergamot	2 oz.	45
<i>Pedicularis lanceolata</i>	Swamp wood betony	.25 oz.	5.5
<i>Penstemon digitalis</i>	smooth beard-tongue	2 oz.	56
<i>Penthorum sedoides</i>	ditch stonecrop	.25 oz.	11
<i>Pycnanthemum virginicum</i>	Swamp mountainmint	1 oz.	14.5
<i>Rudbeckia fulgida</i> var. <i>umbrosa</i>	orange coneflower	3 oz.	21
<i>R. subtomentosa</i>	sweet coneflower	1 oz.	40 chaffy
<i>Silphium perfoliatum</i>	cup plant	1 oz.	24
<i>Solidago gigantea</i>	goldenrod	.25 oz.	4.5
<i>Verbena hastata</i>	tall vervain	.25 oz.	13
<i>Vernonia gigantea</i>	tall ironweed	.25 oz.	1
Total forbs		1,424.5 oz.	(89 lbs.)

Addendum:

<i>Agrimonia parviflora</i>	3 oz.
<i>Alisma triviale</i>	15 oz.
<i>Amorpha fruticosa</i>	48 oz.
<i>Cephalanthus occidentalis</i>	32 oz.
<i>Chamaecrista fasciculata</i>	24 oz.

Decodon verticillatus	3 oz.	
Gentiana andrewsii	4 oz.	
Ludwigia decurrens	4 oz.	
Oxypolis rigidior	5 oz.	
Saururus cernuus	24 oz.	
Sium suave	4 oz.	
Solidago patula	12 oz.	
S. riddellii	5 oz.	
Sparganium androcladium	24 oz.	
Thalia dealbata	10 oz.	
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Total		253 oz. (16 lbs.)
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GRAND TOTAL	(17 oz./gallon)	166 lbs.
Approx. value.....	\$150/lb.....77 species.....	\$24,900