

*Appendix to the Vegetation and Flora of Fish Slough*

A Catalogue of the Vascular Plants of  
Fish Slough and Vicinity  
Inyo and Mono Counties, California

Compiled by

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The catalogue of the vascular plants of Fish Slough and its immediate vicinity (*ca.* 31 km<sup>2</sup>) represents collections made during seven trips (a total of sixteen field days) on 22-23 July, 21-22 October 1983; 27-29 April, 1-2 June, 14-15 July 1984; 2-4 May, 7-8 August 1986. Additional collections were made by Mary DeDecker, and by Millett *et al.* [1981] in August of 1978 and 1980 and in July 1979. Voucher specimens, except those collected by DeDecker, are deposited at UCSB.

As a result of this study, 52 families, 167 genera, 266 species, and 271 taxa have been identified in the Fish Slough study area. Plant families are arranged according to Takhtajan [1969] with genera and species following alphabetically. Nomenclature is adapted from Munz [1959, 1968] unless updated by more recent literature. Names are followed by the plant association(s) in which they occur and by geographic affinity of the taxon.

**Plant Associations**

R = Ruderal  
U = Upland Scrub  
AM-S = Alkali Meadow and Scrub  
TAM = Transmontane Alkali Marsh  
and Aquatic Bed  
TFM = Transmontane Freshwater  
(Brackish) Marsh and Aquatic Bed  
RS-W = Great Basin Riparian Scrub and  
Woodland

**Geographic Affinities**

I = Inyo  
M = Mojave  
GB = Great Basin  
WNA = Western North America  
NA = North America  
C<sup>1</sup> = Native Cosmopolitan  
C<sup>2</sup> = Introduced Cosmopolitan

Forbes, H.C., W.R. Ferren Jr., and J.R. Haller. 1988. The vegetation and flora of Fish Slough and vicinity, Inyo and Mono Counties, California. pp. 99-138. *In*, R.A. Hall Jr. and V. Doyle-Jones, The Mary DeDecker Symposium: Plant Biology of Eastern California. University of California, White Mountain Research Station, Los Angeles, CA.

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Vegetation and  
Geographic Affinities

Division Calamophyta, Class Equisetinae

Equisetaceae

*Equisetum laevigatum* A. Braun

AM-S; TAM, NA

Division Pterophyta, Class Filicinae

Salviniaceae

*Azolla mexicana* Presl.

TFM; C<sup>1</sup>

Division Coniferophyta, Class Chlamydospermae

Ephedraceae

*Ephedra nevadensis* S. Watson

U; M

Division Magnoliophyta, Class Magnoliatae

(Dicotyledones)

Apiaceae

*Berula erecta* (Hudson) Cov.

TFM; C<sup>1</sup>

*Cicuta douglasii* (DC.) J. Coulter & Rose

TAM, TFM; WNA

Apocynaceae

*Apocynum cannabinum* L. var. *glaberrimum* A. DC.

AM-S; NA

Asclepiadaceae

*Asclepias fascicularis* Dcne. in A. DC.

AM-S, TAM; GB

*Asclepias speciosa* Torrey

TAM; NA

Asteraceae

*Ambrosia acanthicarpa* Hook.

R; WNA

*Anisocoma acaulis* Torrey & A. Gray

U; M

*Artemisia spinescens* D. Eaton

U; GB

*Artemisia tridentata* Nutt. ssp. *tridentata*

U; WNA

*Aster frondosus* (Nutt.) Torrey & A. Gray

TAM; GB

*Aster hesperius* A. Gray

TAM; WNA

*Aster intricatus* (A. Gray) S. F. Blake

U, AM-S; M

*Bidens frondosa* L. var. *frondosa*

TAM; C<sup>1</sup>

*Brickellia microphylla* (Nutt.) A. Gray

U; WNA

*Calycoseris parryi* A. Gray

U; M

*Chaenactis fremontii* A. Gray

U; M

*Chrysothamnus albidus* (M. E. Jones ex A. Gray) E. Greene

AM-S; GB — CNPS 4, 2

*Chrysothamnus nauseosus* (Pallas) Britton ssp.

*mohavensis* (Greene) Hall & Clem.

U; M

*Chrysothamnus teretifolius* (Durg. & Hilg.) H. M. Hall

U; GB

*Chrysothamnus teretifolius* hybrid

U; GB

*Chrysothamnus viscidiflorus* (Hook.) Nutt.

[Two subspecies may be included]

U; GB

*Cirsium arvense* (L.) Scop.

R; C<sup>2</sup>

*Cirsium mohavense* (Greene) Petrak

AM-S; M

*Cirsium vulgare* (Savi) Ten.

R; C<sup>2</sup>

*Conyza canadensis* (L.) Cronq.

R; TAM; C<sup>1</sup>

*Crepis runcinata* (James) Torrey & A. Gray ssp.

*imbricata* Babe. & Stebb. var. *hallii*

AM-S; I — CNPS 2.1

*Ericameria cooperi* (A. Gray) H. M. Hall ssp. *cooperi*

U; M

*Erigeron lonchophyllus* Hook.

TAM; NA

*Eriophyllum wallacei* (A. Gray) A. Gray

[*Antheropeas wallacei* Rydb.]

U; WNA

*Euthamia occidentalis* Nutt.

[*Solidago occidentalis* (Nutt.) Torrey & A. Gray]

TAM; GB

*Filago californica* Nutt.

U; WNA

*Glyptopleura marginata* D. C. Eaton

U; GB

\* *Lomatium mohavense*

*Ambrosia salsola*

*Ericameria albida*

*Ericameria n.*

*Ericameria t.*

*Ericameria cuneata*

\* Additions and revisions to list made by Mark Bagley from several sources. Most names NOT updated to the Jepson Manual, 2nd ed., 2012 nomenclature.

Stop #2 - dam built, now grass, plant zonation changes, combined with

Appendix to the Vegetation and Flora of Fish Slough

BLM Spring  
popfish  
mosquito fish

	<i>Gnaphalium chilense</i> Sprengel	R; WNA
	<i>Gnaphalium luteoalbum</i> L.	TAM, TFM; C <sup>2</sup>
	<i>Gnaphalium palustre</i> Nutt.	TFM; WNA
	<i>Haplopappus lanceolatus</i> (Hook.) Torrey & A. Gray	
	var. <i>lanceolatus</i>	
	var. <i>paniculata</i>	
Pyrocoma	( <i>Haplopappus</i> ) <i>racemosus</i> (Nutt.) Torrey ssp. <del><i>glomeratus</i></del>	AM-S; WNA
	(Nutt.) H. M. Hall	
	( <i>Haplopappus</i> ) <i>racemosus</i> (Nutt.) Torrey ssp. <i>sessiliflorus</i>	AM-S; GB
	(E. Greene) H. M. Hall	
	<i>Helianthus bolanderi</i> A. Gray x <i>H. annuus</i> L.	AM-S; I
	<i>Helianthus nuttallii</i> Torrey & A. Gray ssp. <i>nuttallii</i>	R; WNA
	<i>Iva axillaris</i> Pursh ssp. <i>robustior</i> (Hook.) Bassett	TAM, TFM; GB
Euphrosyne n.	( <i>Iva nevadensis</i> ) M. E. Jones	AM-S; WNA
	<i>Lactuca serriola</i> L. var. <i>integrata</i> Gren. & Godron	U; I
	<i>Lactuca serriola</i> L. var. <i>serriola</i>	R; C <sup>2</sup>
	<i>Layia glandulosa</i> (Hook.) Hook. & Arn. ssp. <i>glandulosa</i>	R; C <sup>2</sup>
	<i>Lessingia lemmonii</i> A. Gray var. <i>lemmonii</i>	U; WNA
	<i>Malacothrix californica</i> DC. var. <i>glabrata</i> D. C. Eaton	U; M
	ex A. Gray	
	<i>Malacothrix sonchoides</i> (Nutt.) Torrey & A. Gray	U; WNA
	<i>Psathyrotes annua</i> (Nutt.) A. Gray	U; WNA
	<i>Solidago spectabilis</i> (D. C. Eaton) A. Gray	R; M
	<i>Sonchus asper</i> (L.) Hill	TFM; WNA
	<i>Stephanomeria exigua</i> Nutt. ssp. <i>deanei</i>	R; C <sup>2</sup>
	(J. F. Macbr.) Gottlieb	
S. pauciflora	<i>Tetradymia axillaris</i> A. Nels.	U; WNA
J. tenuifolia	<i>Tetradymia glabrata</i> A. Gray	U; M
	<i>Xanthium strumarium</i> L. var. <i>canadense</i> (P. Mill.)	U; GB
	Torrey & A. Gray	
	<i>Xylorhiza tortifolia</i> (Torrey & A. Gray) Greene var. <i>tortifolia</i>	TAM, TFM; C <sup>2</sup>
	[ <i>Machaeranthera tortifolia</i> (A. Gray) Cronq. & Keck]	
		U; M
	<b>Boraginaceae</b>	
	<i>Amsinckia tessellata</i> A. Gray var. <i>tessellata</i>	U; WNA
	<i>Cryptantha circumscissa</i> (Hook. & Arn.) I. M. Johnston	U; C <sup>1</sup>
	<i>Cryptantha confertiflora</i> (E. Greene) Payson	U; GB
	<i>Cryptantha micrantha</i> (Torrey) I. M. Johnston	U; WNA
Cryptantha oxygona	<i>Cryptantha nevadensis</i> A. Nels. & Kennedy var. <i>nevadensis</i>	U; WNA
	<i>Cryptantha pterocarya</i> (Torrey) E. Greene var. <i>pterocarya</i>	U; WNA
Cryptantha atahensis	<i>Cryptantha recurvata</i> Cov.	U; GB
	<i>Heliotropium curassavicum</i> L. var. <i>oculatum</i> (A. A. Heller)	
	I. M. Johnston	
	<i>Pectocarya penicillata</i> (Hook. & Arn.) A. DC.	R, AM-S; WNA
	<i>Pectocarya setosa</i> A. Gray	U; WNA
	<i>Tiquilia nuttallii</i> (Benth. ex Hook.) A. Richards	U; GB
	[ <i>Coldenia nuttallii</i> Benth. ex Hook.]	
		U; GB
	<b>Brassicaceae</b>	
Arabis pulchra	<i>Caulanthus pilosus</i> S. Watson	U; GB
	<i>Descurainia pinnata</i> (Walt.) Britton ssp. <i>paradisa</i> (Nels. & Kenn.) Detl.	
	<i>Lepidium flavum</i> Torrey var. <i>flavum</i>	R, U; GB
	<i>Lepidium fremontii</i> S. Watson	U; M
	<i>Nasturtium officinale</i> R. Br.	U; M
	<i>Rorippa palustris</i> (L.) Bess. ssp. <i>occidentalis</i>	TFM; C <sup>2</sup>
Stanleya elata	(S. Watson) Abrams	
	<i>Streptanthella longirostris</i> (S. Watson) Rydb. var. <i>longirostris</i>	TFM; WNA
	<i>Thelypodium integrifolium</i> (Nutt.) Endl. ssp. <i>complanatum</i> Al-Shehbaz	U; WNA
	<i>Thelypodium laciniatum</i> (Hook.) Endl. var. <i>laciniatum</i>	
		AM-S; WNA
		U; GB

CNTS 4.3

Cactaceae

*Opuntia echinocarpa*

CNTS 2.2

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Capparidaceae

- Cleomella brevipes* S. Watson AM-S; M — CNPS 4.2
- Cleomella obtusifolia* Torrey & Frémont AM-S; M
- Cleomella parviflora* A. Gray AM-S; GB
- Cleomella placasperma* S. Watson var. *mojavensis* (Payson) Crum AM-S; M
- Wislizenia refracta* Engelm. U, AM-S; M

Chenopodiaceae

- ~~*Allenrolfea occidentalis*~~ (S. Watson) Kuntze AM-S; WNA
- ~~*Atriplex canescens*~~ (Pursh) Nutt. var. *canescens* U; WNA
- ~~*Atriplex confertifolia*~~ (Torrey & Frémont) S. Watson U, AM-S; WNA
- ~~*Atriplex parryi*~~ S. Watson U, AM-S; M
- ~~*Atriplex patula*~~ L. ssp. *hastata* (L.) H. M. Hall & Clements TAM, TFM; C<sup>1</sup>
- ~~*Atriplex phyllostegia*~~ (Torrey) S. Watson R, AM-S; WNA
- ~~*Atriplex torreyi*~~ (S. Watson) S. Watson var. *t.* U, AM-S; M
- ~~*Atriplex truncata*~~ (Torrey) A. Gray AM-S; WNA
- ~~*Bassia hyssopifolia*~~ (Pallas) Kuntze R, AM-S; C<sup>2</sup>
- ~~*Beta vulgaris*~~ L. ssp. *maritima* (L.) Arcangeli R; C<sup>2</sup>
- ~~*Ceratooides lanata*~~ (Pursh) Howell U; WNA
- ~~*Chenopodium album*~~ L. R; C<sup>2</sup>
- ~~*Grayia spinosa*~~ (Hook.) Moq. U; WNA
- ~~*Monolepis nuttalliana*~~ (Roemer & Schultes) E. Greene AM-S; C<sup>1</sup>
- ~~*Nitrophila occidentalis*~~ (Moq.) S. Watson AM-S, TAM; WNA
- ~~*Salsola australis*~~ R. Br. R; C<sup>2</sup>
- ~~*Sarcobatus vermiculatus*~~ (Hook.) Torrey var. *vermiculatus* U, AM-S; WNA — NOW in family Sarcobataceae
- ~~*Suaeda moquinii*~~ (Torrey) E. Greene U, AM-S; WNA
- ~~*S. torreyana*~~ S. Watson

Kraschenmikovia L.  
Chenopodium  
Incanum var.  
occidentale

Cuscutaceae

- Cuscuta californica* Hook. & Arn. var. *californica* U; WNA
- Cuscuta indecora* Choisy AM-S; C<sup>1</sup>

Elaeagnaceae

- Eleagnus angustifolia* L. RS-W; C<sup>2</sup>

Fabaceae

- Astragalus acutirostris* S. Watson U; M
- ~~*Astragalus argophyllus*~~ Nutt. ex Torrey & A. Gray var. *argophyllus* AM-S; GB — CNPS 2.2
- ~~*Astragalus lentiginosus*~~ Dougl. ex Hook. var. *ineptus* (A. Gray) M. E. Jones AM-S; M
- ~~*Astragalus lentiginosus*~~ Dougl. ex Hook. var. *piscinensis* Barneby AM-S; I — Fed. Threatened CNPS 1B.1
- ~~*Glycyrrhiza lepidota*~~ (Nutt.) Pursh var. *glutinosa* (Nutt.) S. Watson AM-S; NA
- ~~*Lupinus odoratus*~~ Heller U; M
- ~~*Melilotus albus*~~ Desr. R; C<sup>2</sup>
- ~~*Psoralea arborescens*~~ (Torrey) Barneby var. *minutifolia* (Parish) Barneby [Dalea fremontii Torrey ex A. Gray var. *minutifolia* (Parish) L. Benson] U; GB
- ~~*Psoralea polydenius*~~ (Torrey ex S. Watson) Rydb. var. *polydenius* [Dalea polydenia Torrey ex S. Watson] U; M
- Robinia pseudoacacia* L. RS-W; C<sup>2</sup>
- Trifolium dubium* Sibth. R; C<sup>2</sup>
- Trifolium wormskioldii* Lehm. R; WNA

A. lentiginosus  
var. albifolius

Lotus strigosus

Gentianaceae

- ~~*Centaurium namophilum*~~ Reveal, Broome & Beatley var. *nevadense* Broome AM-S, TAM; WNA

Zetterera  
namophila

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	Geraniaceae		
	<i>Erodium cicutarium</i> (L.) L'Her. ssp. <i>jacquinianum</i> (Fisher, C. Meyer & Ave-Lall.) Briq.		R; C <sup>2</sup>
	Hydrophyllaceae		
<i>Eucrypta micrantha</i>	<i>Nama aretioides</i> (Hook. & Arn.) Brand var. <i>aretioides</i>		U; GB
	<i>Nama depressum</i> Lemmon ex A. Gray		U; M
<i>P. bicolor</i> var. <i>b.</i>	<i>Phacelia fremontii</i> Torrey		U; M
<i>P. distans</i>	<i>Phacelia inyoensis</i> (J. F. Macbr.) J. Howell		AM-S; I
	<i>Phacelia saxicola</i> A. Gray		U; GB
	Lamiaceae		
	<i>Lycopus asper</i> E. Greene		
	[ <i>L. lucidus</i> Turcz. ex Benth.]		TFM; NA
<i>Salvia columbariae</i>	<i>Mentha arvensis</i> L. var. <i>arvensis</i>		TFM; C <sup>1</sup>
	Lentibulariaceae		
	<i>Utricularia vulgaris</i> L.		TFM; C <sup>1</sup>
	Loasaceae		
	<i>Mentzelia albicaulis</i> (Dougl. ex Hook.) Torrey & A. Gray		U; WNA
	<i>Mentzelia jonesii</i> (Urban & Gilg) Thomps. & Roberts		U; I
	<i>Mentzelia nitens</i> E. Greene		U; M
	<i>Mentzelia torreyi</i> A. Gray		U; GB
	<i>Mentzelia veatchiana</i> Kellogg		U; M
	Lobeliaceae		
	<i>Nemacladus glanduliferus</i> Jepson var. <i>orientalis</i> McVaugh		U; M
	Lythraceae		
	<i>Lythrum californicum</i> Torrey & A. Gray		TAM, TFM; WNA
	Malvaceae		
	<i>Sphaeralcea ambigua</i> A. Gray ssp. <i>ambigua</i>		U; M
	Nyctaginaceae		
<i>Abronia villosa</i> var. <i>v.</i>	<i>Hermidium alipes</i> S. Watson		
	[ <i>Mirabilis alipes</i> (S. Watson) Pilz]		U; GB
<i>M. multiflora</i>	<i>Mirabilis bigelovii</i> A. Gray var. <i>bigelovii</i>		U; M
	Oleaceae		
	<i>Menodora spinescens</i> A. Gray		U; M
	Onagraceae		
	<i>Camissonia boothii</i> (Dougl. ex Lehm.) Raven ssp. <i>desertorum</i> (Munz) Raven		U; GB
	<i>Camissonia californica</i> (Nutt. ex Torrey & A. Gray) Raven		U; M
	<i>Camissonia claviformis</i> (Torrey & Frémont) Raven ssp. <i>lancifolia</i> (A. A. Heller) Raven		U; I
	<i>Camissonia heterochroma</i> (S. Watson) Raven		U; GB
	<i>Camissonia pterosperma</i> (S. Watson) Raven		U; GB
	<i>Camissonia pusilla</i> Raven		U; GB
	<i>Epilobium ciliatum</i> Raf. ssp. <i>ciliatum</i>		
	[ <i>Epilobium adenocaulon</i> Hausskn. var. <i>parishii</i> (Trel.) Munz]		TFM; WNA
	<i>Epilobium minutum</i> Lindl. ex Hook.		R; WNA
	<i>Oenothera hookeri</i> Torrey & A. Gray ssp. <i>venusta</i> (Bartlett) Munz		AM-S, TAM; WNA
	Papaveraceae		
<i>Argemone corymbosa</i>	<i>Eschscholzia minutiflora</i> S. Watson		U; M
	Plantaginaceae		
	<i>Plantago major</i> L. var. <i>major</i>		R, TAM; C <sup>2</sup>
	Polemoniaceae		
	<i>Collomia tinctoria</i> Kellogg		U; WNA
	<i>Eriastrum wilcoxii</i> (A. Nels.) Mason		U; GB
	<i>Gilia inyoensis</i> I. M. Johnston		U; I

CNFS 1B.2

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<i>Gilia leptomeria</i> A. Gray	U; WNA
<i>Gilia micromeria</i> A. Gray	U; GB
<i>Gilia sinuata</i> Dougl. ex Benth.	U; WNA
<i>Leptodactylon pungens</i> (Torrey) Nutt. ex Rydb. ssp. <i>hallii</i> (Parish) Mason	U; M
<i>Linanthus arenicola</i> (M. E. Jones) Jepson & Bail.	U; GB
<i>Linanthus demissus</i> (A. Gray) E. Greene	U; M
<i>Linanthus dichotomus</i> Benth. ssp. <i>dichotomus</i>	U; M
<i>Loeseliastrum matthewsii</i> (A. Gray) Timbrook	
[ <i>Langloisia matthewsii</i> (A. Gray) Greene	U; M
<i>Loeseliastrum schottii</i> (Torrey) Timbrook	
[ <i>Langloisia schottii</i> (Torrey) E. Greene]	U; WNA

Polygonaceae

<i>Centrostephia thurberi</i> A. Gray ex Benth.	
[ <i>Chorizanthe thurberi</i> (A. Gray) S. Watson]	U; M
<i>Chorizanthe brevicornu</i> Torrey var. <i>spathulata</i> (Small ex Rydb.) C. L. Hitchc.	U; GB
<i>Chorizanthe rigida</i> (Torrey) Torrey & A. Gray	U; M
<i>Chorizanthe watsonii</i> Torrey & A. Gray	U; GB
<i>Eriogonum deflexum</i> Torrey & Ives. var. <i>nevadense</i> Reveal	U; M
<i>Eriogonum inflatum</i> Torrey & Frémont var. <i>inflatum</i>	U; M
<i>Eriogonum maculatum</i> A. A. Heller	U; WNA
<i>Eriogonum nidularium</i> Cov.	U; M
<i>Eriogonum nummulare</i> M. E. Jones	
[ <i>Eriogonum kearneyi</i> Tiest. var. <i>monoense</i> (S. Stokes) Reveal]	U, AM-S; GB
<i>Eriogonum pusillum</i> Torrey & A. Gray	U; M
<i>Goodmania luteola</i> (Parry) Reveal & Erter	
[ <i>Oxytheca luteola</i> Parry]	AM-S; WNA — CNPS 4, 2
<i>Oxytheca perfoliata</i> Torrey & A. Gray	U; GB
? <i>Persicaria amphibia</i> (L.) A. Gray var. <i>stipulacea</i> (Coleman) Hara	
[ <i>Polygonum amphibia</i> L. var. <i>stipulaceum</i> (Coleman) Fern.]	TFM; C <sup>1</sup>
<i>Persicaria lapathifolia</i> (L.) A. Gray	
[ <i>Polygonum lapathifolium</i> L. var. <i>lapathifolium</i> ]	TFM; C <sup>1</sup>
<i>Persicaria maculata</i> (Raf.) A. Love & D. Love	
[ <i>Polygonum persicaria</i> L.]	TFM; C <sup>2</sup>
<i>Persicaria punctata</i> (Elliott) Small	
[ <i>Polygonum punctatum</i> Elliott var. <i>punctatum</i> ]	TFM; C <sup>1</sup>
<i>Rumex crispus</i> L.	TAM; C <sup>2</sup>
<i>Rumex maritimus</i> L. var. <i>seuginus</i> (Philipi) Dusen	TAM, TFM; C <sup>1</sup>

Portulacaceae

<i>Calyptridium monandrum</i> Nutt. in Torrey & A. Gray	U; WNA
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Primulaceae

<i>Dodecatheon pulchellum</i> (Raf.) Merr. ssp. <i>pulchellum</i>	AM-S; WNA
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Ranunculaceae

<i>Delphinium parishii</i> A. Gray ssp. <i>parishii</i>	U; M
<i>Ranunculus aquatilis</i> L. var. <i>capillaceus</i> (Thuill.) DC.	TFM; C <sup>1</sup>
<i>Ranunculus cymbalaria</i> Pursh var. <i>saximontanus</i> Fern.	TAM, TFM; WNA

Rosaceae

<i>Ivesia kingii</i> S. Watson var. <i>kingii</i>	AM-S, TAM; I — CNPS 2, 2
<i>Potentilla pectinisecta</i> Rydb.	TAM, TFM; M
<i>Rosa woodsii</i> Lindl. var. <i>ultramontana</i> (S. Watson) Jepson	TAM, RS-W; GB

Salicaceae

<i>Populus fremontii</i> S. Watson	RS-W; WNA
<i>Salix exigua</i> Nutt.	RS-W; WNA
<i>Salix laevigata</i> Bebb var. <i>laevigata</i>	RS-W; WNA
<i>Salix lasiolepis</i> Benth.	RS-W; WNA

Rubiaceae

<i>Galium multiflorum</i>	136
<i>Galium trifidum</i> var. <i>subbiflorum</i>	

wrens V fish  
speckled dace  
trout + bass dominant in Owens River

*Eriogonum umbellatum*

*Aquilegia formosa*

*Purshia glandulosa*



## Appendix to the Vegetation and Flora of Fish Slough

### Saururaceae

~~—~~ *Anemopsis californica* (Nutt.) Hook. & Arn. TAM, TFM; NA

### Scrophulariaceae

*Antirrhinum kingii* S. Watson U; GB  
*Castilleja chromosa* A. Nels. U; WNA  
*Castilleja minor* (A. Gray) A. Gray TAM, TFM; WNA  
~~*Cordylanthus eremicus* Cov. & C. Morton ramosus~~ AM-S; GB  
*Cordylanthus maritimus* Nutt. ex Benth. in DC. ssp.  
*canescens* (A. Gray) Chuang & Heckard AM-S, RS-W; WNA  
*Mimulus bigelovii* (A. Gray) A. Gray var. *bigelovii* U; M  
 ? *Mimulus bigelovii* (A. Gray) A. Gray var. *cuspidatus*  
 A. L. Grant U; M  
*Mimulus guttatus* Fischer ex DC. ssp. *guttatus* TFM; C<sup>1</sup>  
*Penstemon floridus* var. *f.* *Penstemon monoensis* Heller U; I

### Solanaceae

*Lycium andersonii* A. Gray var. *andersonii* U; M

### Tamaricaceae

*Tamarix ramosissima* L. RS-W; C<sup>2</sup>

## Division Magnoliophyta, Class Liliatae (Monocotyledones)

### Cyperaceae

*Carex douglasii* Boott. AM-S, TAM; NA  
*Carex lanuginosa* Michaux TAM, TFM; NA  
~~—~~ *Carex praegracilis* W. Boott TAM; NA  
~~—~~ *Eleocharis palustris* (L.) Roemer & Schultes TAM, TFM; C<sup>1</sup>  
*Eleocharis parishii* Britton TAM, TFM; WNA  
~~—~~ *Eleocharis rostellata* (Torrey) Torrey TAM, TFM; C<sup>1</sup>  
~~—~~ *Fimbristylis spadiacea* (L.) Vahl *thermalis* TAM; C<sup>1</sup> — CNPS 2, 2  
~~—~~ *Scirpus acutus* Muhl. ex Bigelow var. *occidentalis* TFM; NA  
~~—~~ *Scirpus americanus* Pers. TAM, TFM; C<sup>1</sup>  
 [S. *olneyi* A. Gray] TAM, TFM; C<sup>1</sup>  
*Bulboschoenus maritimus* ssp. *paludosus* } *Scirpus maritimus* L. TAM, TFM; C<sup>1</sup>  
 [S. *paludosus* A. Nels.] AM-S, TAM; C<sup>1</sup>  
*Amphiscirpus n.* } *Scirpus nevadensis* S. Watson in King. AM-S, TAM; C<sup>1</sup>  
~~—~~ *Scirpus pungens* Vahl var. *longispicatus* } TAM, TFM; C<sup>1</sup>  
 [S. *americanus* of authors, not Pers.]

### Hydrocharitaceae

*Elodea canadensis* L. C. Rich. TFM; NA

### Iridaceae

~~—~~ *Iris missouriensis* Nutt. AM-S; WNA  
~~—~~ *Sisyrinchium halophilum* E. Greene AM-S, TAM; GB

### Juncaceae

*J. bufonius* } *Juncus balticus* Willd. var. *balticus* AM-S, TAM; C<sup>1</sup>  
*J. longistylis* } *Juncus torreyi* Cov. TAM, TFM; NA

### Juncaginaceae

~~—~~ *Concianna* var. *deblis* } AM-S, TAM; GB  
~~—~~ *Triglochin debilis* (M. E. Jones) A. Love & D. Love

### Lemnaceae

*Lemna minima* Phil. TFM; WNA  
*Lemna minor* L. TFM; C<sup>1</sup>  
*Lemna trinervis* (Aust.) Small ? TFM; WNA  
*Spirodela polyrhiza* (L.) Schleiden TFM; C<sup>1</sup>

### Liliaceae

*Smilicina stallata* var. *s.* } *Calochortus excavatus* E. Greene AM-S; I — CNPS 1B.1  
*Zigadenus venenosus* S. Watson U; WNA

### Orchidaceae

*Epipactis gigantea* Dougl. ex Hook. AM-S, TAM; WNA  
*Spiranthes porrifolia* Lindley TAM; WNA

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Poaceae

Creeping wildrye

Echinochloa crusgalli

Hilaria jamesii

Stipa h.

leci

- Agrostis exarata Trin. var. exarata TAM, TFM; WNA
- Agrostis semiverticillata (Forsk.) C. Chr. TAM, TFM; C<sup>2</sup>
- Agrostis stolonifera L. var. major (Gaud.) Farwell TAM, TFM; C<sup>2</sup>
- Aristida fendleriana Steudel U; WNA
- Bromus ~~rubens~~ L. madritensis ssp. rubens R, U; C<sup>2</sup>
- Bromus tectorum L. R, U; C<sup>2</sup>
- Bromus trinii Desv. U; C<sup>2</sup>
- Cynodon dactylon (L.) Pers. R, TAM; C<sup>2</sup>
- Distichlis spicata (L.) E. Greene var. stricta (Torrey) Beetle U, AM-S, TAM; WNA
- Elymus cinereus Scribner & Merr. U, AM-S; WNA
- Elymus salina M. E. Jones TAM; WNA
- Elymus triticoides Buckley var. triticoides TAM; WNA
- Festuca ~~elatio~~ L. pratensis Huds. R, TAM; C<sup>2</sup>
- Hordeum brachyantherum Nevski TAM, TFM; NA
- Hordeum jubatum L. ssp. jubatum TAM; C<sup>1</sup>
- Hordeum murinum L. ssp. leporinum (Link) Aschers. & Grieb. R; C<sup>2</sup>
- Hordeum vulgare L. R; C<sup>2</sup>
- Muhlenbergia asperifolia (Nees & Meyen) Parodi AM-S, TAM; C<sup>1</sup>
- (Oryzopsis hymenoides) (Roemer & Schultes) Ricker U; WNA
- Panicum capillare L. var. occidentale Rydb. TAM; NA
- Paspalum distichum L. TAM; NA
- Phragmites australis (Cav.) Trinius ex Steudel AM-S, TAM, TFM; C<sup>1</sup>
- Poa nevadensis Vasey ex Scribner AM-S; WNA
- Polypogon monspeliensis (L.) Desf. TAM, TFM; C<sup>2</sup>
- Puccinellia lemmonii (Vasey) Scribner AM-S; GB
- Schismus arabicus Nees R, U; C<sup>2</sup>
- Sitanion hystrix (Nutt.) J. G. Smith U; WNA
- ? Sitanion jubatum J. G. Smith U; GB
- Spartina gracilis Trin. AM-S; TAM, WNA — CNPS 4. 2
- Sporobolus airoides (Torrey) Torrey var. airoides AM-S, TAM; WNA
- Stipa speciosa Trin. & Rupr. U; C<sup>1</sup>
- Vulpia microstachys (Nutt.) Munro ex Benth. var. pauciflora (Scribner ex Beal) Lonard & Gould U; WNA
- Vulpia octoflora (Walt.) Rydb. var. hirtella (Piper) Henr. U; NA

Potamogetonaceae

- Potamogeton foliosus Raf. NE of 1. & Owens R. TFM; C<sup>1</sup>
- Potamogeton illinoensis Morong at McNally canal TFM; NA
- Potamogeton latifolius (J. W. Robbins) Morong TFM; C<sup>1</sup>
- Potamogeton pectinatus L. TFM; C<sup>1</sup>

Ruppiaceae

- Ruppia maritima L. TFM; C<sup>1</sup>

Typhaceae

- Typha domingensis Pers. TFM; C<sup>1</sup>
- Typha latifolia L. TFM; C<sup>1</sup>

Zannichelliaceae

- Zannichellia palustris L. TFM; C<sup>1</sup>