

Appendix I. Selenium concentrations ( $\mu\text{g/g}$  dry weight) in forage fish collected at various stations at Walter Walker State Wildlife Area.

Station	Date	Day of study	Fish <sup>1</sup>	Number in composite	Total length (mm)	Composite weight (g)	Selenium ( $\mu\text{g/g}$ )
WW4	11/20/96	567	FHM	3	~60	7.3	66
			FHM	3	~55	7.2	60
			KLF	2	~85	14.3	49
			GSF	2	~60	7.3	29
	03/10/97	677	GSF	1	165	86.1	27
			FHM	12	~50	12.8	35
			FHM	4	~76	13.3	25
	05/08/97	736	WHS	1	- <sup>3</sup>	79.0	10
			GSF	1	-	74.1	24
			FHM	2	-	9.3	17
FHM			3	-	13.9	22	
WW4a	07/30/98	1,178	GSF	3	-	12.9	6.1
WW5	11/20/96	567	GSF	3	~60	10.0	32
			GSF	3	~65	13.6	30
			FHM	3	~50	7.0	31
			FHM	7	~45	6.1	33
WW6	06/13/96	407	WHS	-	-	-	4.8
	03/10/97	677	FHM	5	~58	12.1	16
			FHM	5	~59	12.3	19
	05/08/97	736	WHS	1	-	85.7	22
			FHM	2	-	16.9	23
			FHM	1	-	10.6	20
			GSF	1	-	14.4	29
	07/30/98	1,178	RDS <sup>4</sup>	5	-	11.3	8.9
			RDS <sup>5</sup>	5	-	12.0	12
	09/08/98	1,217	WMF	6	-	5.4	20
RDS			4	-	5.1	5.6	
WW7	06/14/96	408	RDS	-	-	-	32
	06/18/96	412	FHM	-	-	-	27
			RDS	-	-	-	17
09/08/98	1,217	SDS	4	-	6.7	5.9	
		GSF	2	-	6.4	6.6	
WW8	05/21/96	384	FHM <sup>2</sup>	-	-	17.6	40
			FHM	-	-	37.0	28
			WHS	1	-	70.3	11
			WHS	1	-	97.0	21
	11/20/96	567	FHM	5	~50	5.5	20
			FHM	3	~50	6.3	17
			FHM	5	~50	5.1	19
			GSF	7	~35	8.9	27

Appendix I. Continued.

Station	Date	Day of study	Fish <sup>1</sup>	Number in composite	Total length (mm)	Composite weight (g)	Selenium (µg/g)
WW8	03/10/97	677	CAP	1	137	26.4	39
			FHM	7	~59	11.6	25
			GSF	1	111	22.3	7.6
	05/07/97	735	BLC	1	-	25.6	5.1
			BLC	1	-	75.3	14
			FHM	2	-	12.4	20
			FHM	2	-	11.8	16
			FHM	1	70	3.3	11
	01/12/98	978	FHM	1	66	2.9	8.8
			FHM	1	58	7.9	10
			FHM	1	71	10.0	6.2
	06/17/98	1,134	RDS	1	83	7.9	8.6
			FHM	1	86	8.9	19
			FHM	1	72	5.1	9.2
			RDS <sup>4</sup>	8	-	10.7	5.7
WW8b	11/20/96	567	FHM	30	~25	6.6	13
			FHM	50	~20	6.4	13
			WMF	15	~25	2.6	19
	03/10/97	677	FHM	7	~55	12.2	19
			FHM	8	~45	6.2	21
			SDS	32	~36	12.2	10
	06/17/98	1,134	RDS	1	74	4.5	5.1
			FHM	1	80	7.2	8.0
			FMS	1	82	5.9	5.3
WW9	06/13/96	407	WHS	-	-	-	14
	05/26/98	1,112	FMS	1	304	254	3.3
			FMS	1	265	192	2.8
			CAP	1	247	234	13

<sup>1</sup>Fish: FHM, fathead minnow (*Pimephales promelas*); GSF, green sunfish (*Lepomis cyanellus*); WHS, white sucker (*Catostomus commersoni*); BLC, black crappie (*Pomoxis nigromaculatus*); SDS, sand shiner (*Notropis stramineus*); FMS, flannelmouth sucker (*Catostomus latipinnis*); KLF, killifish species (*Fundulus* sp.); WMF, western mosquitofish (*Gambusia affinis*); CAP, common carp (*Cyprinus carpio*); RDS, red shiner (*Cyprinella lutrensis*).

<sup>2</sup>FHM: Regurgitated from Colorado pikeminnow PIT #7F7B135115.

<sup>3</sup>-: Not measured.

<sup>4</sup>Males.

<sup>5</sup>Gravid females.