McGann, A., and B. Strecker. 2022. Zooplankton recovery from a whole-lake disturbance: Examining roles of abiotic factors, biotic interactions, and traits. *Ecosphere*.

Appendix S1

Table S1: Data on fish stocking density and dates (Washington Department of Fish and Wildlife, unpublished). Stocked species included Rainbow Trout (*Oncorhynchus mykiss*), Westslope Cutthroat Trout (*O. clarki lewisi*), Golden Trout (*O. aquabonita*), Tiger Trout (*Salmo trutta* × *Salvelinus fontinalis*), Brook Trout (*Salvelinus fontinalis*), Brown Trout (*Salmo trutta*), and Kokanee (landlocked *O. nerka*).

	Density of fry stocked (fish/ha)			Date stocked		
	2014	**2015**	**2016**	**2014**	**2015**	**2016**
Reference						
Amber	163	231	163	5/1/2014	5/1/2015	5/1/2016
Bayley	44	30	30	5/8/2014	6/10/2015	6/8/2016
Big Twin	152	152	173	6/1/2014	5/29/2015	6/13/2016
Browns	103	137	137	10/23/2014	10/27/2015	10/21/2016
Cedar	353	353	353	5/8/2014	5/22/2015	6/3/2016
Dry Falls	301	183	185	5/13/2014	4/8/2015	4/12/2016
Lost	549	523	384	6/4/2014	5/11/2015	5/17/2016
2014 Rotenone						
Lower Hampton	0	761	743	na	4/6/2015	4/12/2016
McDowell	0	37	0	na	6/10/2015	na
Upper Hampton	0	781	778	na	4/8/2015	4/12/2016
Widgeon	0	490	496	na	3/31/2015	3/21/2016
2015 Rotenone						
Badger	0	0	1217	na	na	5/1/2016
No Name	692	0	961	10/23/2014	na	6/7/2016
Rat	418	0	694	5/13/2014	na	5/23/2016

Table S2. Sampling collection, where numbers indicate the number of trips per month in each lake.

	2014							2015												2016								
Month	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	**Total**
Reference																													
Amber	1	1	1	1	1	1			1	1		1	1	1	1		1				1	1	1		1	1	1		**19**
Bayley	1	1	1	1	1					1	1	1	1	1	1	1	1					1	1	1	1	1	1		**19**
Big Twin		1	1	1	1	1			1		1	1	1	1	1	1		1						1		1	1		**16**
Browns	1	1	1	1	1						1	1	1	1										1	1	1	1		**13**
Cedar	1	1	1	1	1					1	1	1	1	1	1	1	1					1	1	1	1	1	1		**19**
Dry Falls		1	1	1	1				1	1	1	1	1	1	1	1	1	1						1		1	1	1	**18**
Lost		1	1	1	1	1					1	1	1	1	1	1										1	1		**13**
sub-total	*4*	*7*	*7*	*7*	*7*	*3*			*3*	*4*	*6*	*7*	*7*	*7*	*6*	*5*	*4*	*2*			*1*	*3*	*3*	*5*	*4*	*7*	*7*	*1*	**117**
2014 Rotenone																													
Lower Hampton		1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1					1		1		1	**23**
McDowell	1	1	1	1	3	2				1	1	1	1	1	1	1	1							1		1	1		**20**
Upper Hampton		1	1	1	3	1	1		1	1	1	1	1	1	1	1	1	1	1					1		1		1	**22**
Widgeon		1	1	1	3				1	1	1	1	1	1	1	1	1	1								1		1	**18**
sub-total	*1*	*4*	*4*	*4*	*12*	*4*	*2*	*1*	*3*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*4*	*3*	*2*					*3*		*4*	*1*	*3*	**83**
2015 Rotenone																													
Badger												1	1	1	1	1	1		1		1	1	1		1	1	1		**13**
No Name													1	1	1	1	1					1		1	1	1	1		**10**
Rat													1	1	1	1								1		1	1		**7**
sub-total		*1*										*1*	*3*	*3*	*3*	*3*	*2*		*1*		*1*	*2*	*1*	*2*	*2*	*3*	*3*		**31**
total	**5**	**12**	**11**	**11**	**19**	**7**	**2**	**1**	**6**	**8**	**10**	**12**	**14**	**14**	**13**	**12**	**10**	**5**	**3**		**2**	**5**	**4**	**10**	**6**	**14**	**11**	**4**	**230**

Table S3: Rotenone application details (Washington Department of Fish and Wildlife, unpublished).

Treatment	Lake	Rotenone Date	Method	Powder applied (kg)	Liquid applied (L)	Final concentration (ppm)
2014 Rotenone	Lower Hampton	10/8/14	boat	2038.2	5.5	3.6
	McDowell	10/21/14	aerial	8.9	48.0	3.7
	Upper Hampton	10/8/14	boat	3623.0	7.4	3.6
	Widgeon	10/7/14	aerial	0.0	53.5	4.0
2015 Rotenone	Badger	10/30/15	boat	28225.9	19.8	2.0
	No Name	10/27/15	aerial	0.0	94.0	4.0
	Rat	10/20/15	boat	14637.4	5.3	3.9

Table S4: Water chemistry meters used for each sampling trip: 1= YSI ProPlus (PSU), 2= YSI Pro-DSS (Spokane County), 3= Unknown meter used, 4=WDFW District 1 Hydrolab, 5= YSI 6820 V2 (Grant County)

	2014							2015													2016								
Month	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
Reference																												
Amber		1	1	1	2				2	2		2	1	2	2		2				2	2	2		2	1	1	
Bayley	4	1		1	4					4	4	4	4	4	4	4	4					4	4	4		4	1	
Big Twin		5		5	5	5			5		5		1	1	1	5		5						5			1	
Browns		1	1	4	4						4	4	4	4										4	4	4	1	
Cedar	4	1		1	4					4	4	4	4	4	4	4	4					4	4	4	4	4	1	
Dry Falls		5	5	5	5				5	5	5	5	5	5	5	5	5	5						5		5	5	5
Lost		5	5	5	5	5					5		1	1	1	5											1	
2014 Rotenone																												
Lower Hampton		5	5	5	5,5,5	5	5	5	5		5	5	5	5	5	5	5		5					5				5
McDowell		1	1		4,3,3	4				4	4	4	4	4	4	4	4							4		4	1	
Upper Hampton		5	5,5	5	5,5,5	5	5		5	5	5	5	5	5	5	5	5	5	5					5				5
Widgeon			5	5	5,5,5				5	5	5	5	5		5	5	5	5	5									
2015 Rotenone																												
Badger													1	2	2	2	2		2		2	2	2		2	1	1	
No Name													4	4	4	4	4					4		4	4	4	1	
Rat													1	1	1	5								5		1	1	

Table S5: Sample lake coordinates.

Lake Reference	County	Latitude (°N)	Longitude (°W)
Amber	Spokane	47.348380	-117.711330
Bayley	Stevens	48.420110	-117.662630
Big Twin	Okanogan	48.445885	-120.194531
Browns	Pend Oreille	48.438240	-117.196100
Cedar	Stevens	48.942410	-117.591960
Dry Falls	Grant	47.604991	-119.363733
Lost	Okanogan	48.849483	-119.052110
2014 Rotenone			
Lower Hampton	Grant	46.928557	-119.222513
McDowell	Stevens	48.468850	-117.681400
Upper Hampton	Grant	46.929015	-119.229928
Widgeon	Grant	46.938729	-119.224900
2015 Rotenone			
Badger	Spokane	47.350827	-117.628971
No Name	Pend Oreille	48.296771	-117.136221
Rat	Okanogan	48.180743	-119.801692