

1994 Amphibian and Pond Surve

Pond Name	DATE	MAX.DEPTH	SUBSTRATE	%E.V.	SHALLOWS?	FOREST?
Zaza Rd.- Hdwaters Eagle Ck	6/30/94					
Zaza Rd.-Culvert/Eagle Trib.	5/30/94	<1m	silt/mud	>50	present	100
Zaza Rd.-Culvert/Eagle Trib.	6/13/94					
Zaza Rd.-Orgy Pond	4/18/94	1-2m	silt/mud	25-50	absent	5
Zaza Rd.-Orgy Pond	4/28/94					
Zaza Rd.-Orgy Pond	5/07/94					
Zaza Rd.-Orgy Pond	7/20/94					
Zaza Rd.-Road Ditch-540	4/18/94	<1m	silt/mud	0	absent	40
Zaza Rd.-Road Ditch-540	5/09/94					
Deer Ck. Meadow	5/07/94	<1m	silt/mud	>50	absent	100
Deer Ck. Meadow	6/08/94					
Deer Ck. Meadow	7/12/94					
Cattail Pond	4/28/94	1-2m	silt/mud	25-50	present	20
Cattail Pond	5/24/94					
RD575-62 MILE	4/18/94	<1m	silt/mud	0	absent	40
Cattleguard	5/07/94	<1m	silt/mud	>50	present	30m
Cattleguard	6/08/94					
Red Bird Road	4/13/94	1-2m	silt/mud	>50	present	300
Red Bird Road	5/12/94					
Red Bird Road	5/24/94					
Lg. Frye Point	5/01/94	<1m	silt/mud	>50	present	na
Lg. Frye Point	6/30/94					
Sm. Frye Point	5/01/94					
Sm. Frye Point	6/30/94					
Soldiers Meadow	6/02/94	>2m	silt/mud	1-25	present	18
Soldiers Meadow	6/30/94					
Webb Creek	6/02/94	1-2m	silt/mud	>50	absent	6
Webb Creek	6/08/94					
Webb Creek	6/30/94					
Headwater Capt. John	5/18/94	<1m	silt/mud	25-50	present	10
Headwater Capt. John	6/07/94					
Headwater Capt. John	7/18/94					
China Ck. Mudhole	5/17/94	<1m	silt/mud	0	absent	15
China Ck. Mudhole	6/08/94					
China Ck. Mudhole	6/17/94					
China Ck. Mudhole	6/27/94					
S. Fork Capt. John	6/30/94	<1m	silt/mud	>50	present	5
S. Fork Capt. John	7/18/94					
Moose Creek	7/20/94	>2m	silt/mud	>50	absent	20
Moose Creek	7/23/94					
Snake River-S.Lg.Limekiln	6/19/94	<1m	sand/cobb	25-50	absent	10
Snake River-S.Lg.Limekiln	7/12/94					
Snake River-Limekiln/channel	7/12/94	<1m	sand/cobb	>50	present	na
Snake River-N.Limekiln(carp)	6/19/94	>2m	sand/boul	1-25	absent	na
Snake River-N.Limekiln(carp)	7/12/94					
Snake River-S.Chimney(basalt)	6/19/94	<1m	sand	0	absent	na
Snake River-S.Chimney(basalt)	7/12/94					
Snake River-N.Chimney	6/19/94	<1m	sand	1-25	absent	na

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Pond Name	DATE	BEGIN	END	OBSERVERS	COUNTY	TOPO	OWNER	ELEV. (ft.)	T	R	SEC.	UTM-N	UTM-E	SOURCE	AMMA EGGS	AMMA LARVAE
Snake River-N.Chimney	7/12/94	1354	1512	Llewellyn	N.P.	Limekiln	priv	801	32N	7E	3	5101005	504395	Topo Map		
Salmon River-Peninsula Beach	6/17/94	1445	1513	Llewellyn;Peterson	N.P.	Ratt. Ridge	IDFG	450	31N	3W	28	5093005	522050	Trimble Navigator		
Salmon River-Peninsula Beach	6/18/94				N.P.	Ratt. Ridge	IDFG	451	31N	3W	28	5093005	522050	Trimble Navigator		
Salmon River-Peninsula Beach	6/28/94				N.P.	Ratt. Ridge	IDFG	452	31N	3W	28	5093005	522050	Trimble Navigator		
Salmon River-Nightsnake Beach	6/18/94	1554	1634	Llewellyn;Peterson	N.P.	Ratt. Ridge	IDFG	450	31N	3W	28	5093527	523100	Trimble Navigator		
Salmon River-Nightsnake Beach	6/26/94			Llewellyn	N.P.	Ratt. Ridge	IDFG	451	31N	3W	28	5093527	523100	Trimble Navigator		
Salmon River-S.End Beach Pool	6/29/94	840	905	Llewellyn	N.P.	Ratt. Ridge	IDFG	1020	30N	3W	5	5090456	519761	Trimble Basic+		
Salmon River-S.End Beach Pool					N.P.	Ratt. Ridge	IDFG	1021	30N	3W	5	5090456	519761	Trimble Basic+		
Salmon River-S.End Beach Pond	6/29/94	810	835	Llewellyn	N.P.	Ratt. Ridge	IDFG	1020	30N	3W	5	5090700	519988	Trimble Basic+		
Salmon River-S.End Beach Pond					N.P.	Ratt. Ridge	IDFG	1021	30N	3W	5	5090700	519988	Trimble Basic+		
Salmon River-N.China Ck.Pond	7/11/94	1315	1350	Llewellyn	N.P.	Ratt. Ridge	IDFG	1020	31N	3W	32	5091360	521095	Trimble Basic+		

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Pond Name	DATE	AMMA ADULTS	RAPR EGGS	RAPR TADS	RAPR JUV.	RAPR ADULTS	BUBO EGGS	BUBO TADS	BUBO ADULTS	PSRE EGGS	PSRE TADS	PSRE ADULTS	PSRE VOCAL	THEL	THSI	SPIN	RACA
Snake River-N.Chimney	7/12/94																
Salmon River-Peninsula Beach	6/17/94						8		30;1-amplex.								
Salmon River-Peninsula Beach	6/18/94							>100	6							1	1-juv.
Salmon River-Peninsula Beach	6/28/94																
Salmon River-Nightsnake Beach	6/18/94						>6		>10								
Salmon River-Nightsnake Beach	6/26/94							>500									
Salmon River-S.End Beach Pool	6/29/94							>300									
Salmon River-S.End Beach Pool																	
Salmon River-S.End Beach Pond	6/29/94							>200									
Salmon River-S.End Beach Pond																	
Salmon River-N.China Ck.Pond	7/11/94																

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Pond Name	DATE	WEATHER	WIND	AIR C	WATER C	pH	COND. m. siemens	COLOR	TURBID.	ORIGIN	DRAINAGE	WETLAND	DESCRIPT	LNTH	WIDTH
Snake River-N.Chimney	7/12/94	clear	calm					clear	clear	natural	Snake River	Riverine	perm.pond		
Salmon River-Peninsula Beach	6/17/94	clear	calm	24.6	25			clear	clear	natural	Salmon River	Riverine	temp.pond	250	45
Salmon River-Peninsula Beach	6/18/94	clear	calm					clear	clear	natural	Salmon River	Riverine	temp.pond		
Salmon River-Peninsula Beach	6/28/94	clear	calm			8.9	110	clear	clear	natural	Salmon River	Riverine	temp.pond		
Salmon River-Nightsnake Beach	6/18/94	clear	calm		19.4	8.7	80	clear	clear	natural	Salmon River	Riverine	temp. pool	150	35
Salmon River-Nightsnake Beach	6/26/94	clear	calm					clear	clear	natural	Salmon River	Riverine	temp. pool		
Salmon River-S.End Beach Pool	6/29/94	clear	calm	80F		8.8	100	clear	clear	natural	Salmon River	Riverine	perm.pond		
Salmon River-S.End Beach Pool		clear	calm					clear	clear	natural	Salmon River	Riverine	perm.pond		
Salmon River-S.End Beach Pond	6/29/94	clear	calm	80F		8.9	130	clear	clear	natural	Salmon River	Riverine	temp.pond	38	26
Salmon River-S.End Beach Pond		clear	calm					clear	clear	natural	Salmon River	Riverine	temp.pond		
Salmon River-N.China Ck.Pond	7/11/94	clear	calm	35		10.2	120	clear	clear	natural	Salmon River	Riverine	temp.pond	30	22

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Pond Name	DATE	MAX.DEPTH	SUBSTRATE	%E.V.	SHALLOWS?	FOREST?
Snake River-N.Chimney	7/12/94					
Salmon River-Peninsula Beach	6/17/94	>2m	silt/sand	25-50	present	NA
Salmon River-Peninsula Beach	6/18/94					
Salmon River-Peninsula Beach	6/28/94					
Salmon River-Nightsnake Beach	6/18/94	>2m	silt/sand	25-50	present	NA
Salmon River-Nightsnake Beach	6/26/94					
Salmon River-S.End Beach Pool	6/29/94	<1m	sand/cobb	<25	present	NA
Salmon River-S.End Beach Pool						
Salmon River-S.End Beach Pond	6/29/94	<1m	sand/cobb	<25	present	NA
Salmon River-S.End Beach Pond						
Salmon River-N.China Ck.Pond	7/11/94	<1m	sand/cobb	1-25	present	na

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	DATE	BEGIN	END	OBSERVERS	AMMA EGGS	AMMA LARVAE	AMMA ADULTS	RAPR EGGS	RAPR TADS	RAPR JUV.	RAPR ADULTS	BUBO EGGS
Benton Mdws-Large	4/13	717	719	Cassirer			2					
Benton Mdws-Large	4/24	1444	1503	Cassirer,Handen	>100		2	1			1	
Benton Mdws-Large	5/1	1400	1415	Handen,Ritter	>200							
Benton Mdws-Large	5/8	1055	1120	Handen	>100	>100	1					
Benton Mdws-Large	5/31	930	945	Llewellyn		25			>50			
Benton Mdws-Large												
Benton Mdws-Large												
Benton Mdws-Large												
Benton Mdws-Small	4/13	715	717	Cassirer				8				
Benton Mdws-Small	4/24	1447	1457	Cassirer	1			11			1	
Benton Mdws-Small	5/1	1427	1435	Handen,Ritter	3			5	>300			
Benton Mdws-Small	5/8	1159	1213	Handen	3			2-new	>500		10	
Benton Mdws-Small	5/31	946	953	Llewellyn					50-big			
Benton Mdws-Small												
Benton Mdws-Small												
Benton Mdws-Channel	4/13	710	712	Cassirer				9				
Benton Mdws-Channel	4/24	1514	1520	Cassirer				18				
Benton Mdws-Channel	5/1	1416	1423	Handen,Ritter				13	20			
Benton Mdws-Channel	5/8	1134	1143	Handen	2			1-new	>100			
Benton Mdws-Channel	5/31	954	955	Llewellyn								
Benton Mdws-Channel									>300			>25
Benton Mdws-By the Gate	4/13	710	712	Cassirer				7				
Benton Mdws-By the Gate	4/24	1332	1337	Cassirer,Handen			1	8			2	
Benton Mdws-By the Gate	5/1	1300	1310	Handen,Ritter			1	6				
Benton Mdws-By the Gate	5/8	938	949	Handen					>200		1	
Benton Mdws-By the Trailer	4/13	735	737	Cassirer				3				
Benton Mdws-By the Trailer	4/24	1412	1428	Cassirer,Handen	2			8			1	
Benton Mdws-By the Trailer	5/1	1340	1347	Handen,Ritter	4	4		5				
Benton Mdws-By the Trailer	5/8	1009	1033	Handen		50		4				
Benton Mdws-By the Trailer	6/04	1431	1442	Llewellyn					<100			
Benton Mdws-By the Trailer												
Benton Mdws-By the Fence	5/31	930	940	Llewellyn		>15						
Benton Mdws-By the Fence												
Benton Mdws-By the Fence												
Benton Mdws-Across the Rd.	4/13	712	715	Cassirer				9				
Benton Mdws-Across the Rd.	4/24	1508	1515	Handen,Ritter	2		2	3				
Benton Mdws-Across the Rd.	5/1	1439	1448	Handen,Ritter	5			2	500			
Benton Mdws-Across the Rd.	5/8	1230	1240	Handen					500			
E.Larabee Mdws-Small	4/24	1717	1720	Cassirer,Handen		>20						
E.Larabee Mdws-Small	5/01	1137	1145	Handen,Ritter								
E.Larabee Mdws-Small												
E.Larabee Mdws-Pinecone	4/24	1700	1711	Cassirer,Handen	4			1	>100			
E.Larabee Mdws-Pinecone	5/01	1148	1201	Handen,Ritter	1	5		1-fungus	>200			
E.Larabee Mdws-Pinecone	6/04	1200	1210	Llewellyn					8			
E.Larabee Mdws-Thumb	4/24	1652	1658	Cassirer,Handen	6							

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	BUBO TADS	BUBO ADULTS	PSRE EGGS	PSRE TADS	PSRE ADULTS	PSRE VOCAL	THEL	THSI	WEATHER	WIND	AIR	WATER	COLOR
Benton Mdws-Large									snow	light	35 F		clear
Benton Mdws-Large									pt cloud	calm	11	16	
Benton Mdws-Large									rain	light	6	10	
Benton Mdws-Large					1	V			pt.cloud	light	12	14	clear
Benton Mdws-Large									clear	calm	75 F		clear
Benton Mdws-Large													
Benton Mdws-Large													
Benton Mdws-Large													
Benton Mdws-Large									snow	light	35 F		clear
Benton Mdws-Small						V							
Benton Mdws-Small									rain	light	6		
Benton Mdws-Small					1								
Benton Mdws-Small									clear	calm	75F		clear
Benton Mdws-Small													
Benton Mdws-Small													
Benton Mdws-Channel									snow	light	35 F		clear
Benton Mdws-Channel									pt.cloud	light	11	18	clear
Benton Mdws-Channel									rain	light	6	12	
Benton Mdws-Channel									ovcast	light	14	17	
Benton Mdws-Channel									clear	warm	65 F		
Benton Mdws-Channel													
Benton Mdws-By the Gate									snow	light	35 F		clear
Benton Mdws-By the Gate									clear	light	16.5	20	clear
Benton Mdws-By the Gate									ovcast	light	7	9	clear
Benton Mdws-By the Gate									clear	light	9	10	clear
Benton Mdws-By the Trailer									snow	light	35 F		clear
Benton Mdws-By the Trailer											15	16	clear
Benton Mdws-By the Trailer			2						rain	light	7	7	
Benton Mdws-By the Trailer									pt.cloud	light	10	12.5	
Benton Mdws-By the Trailer					vocal								
Benton Mdws-By the Trailer													
Benton Mdws-By the Fence									clear	calm	70		clear
Benton Mdws-By the Fence													
Benton Mdws-By the Fence													
Benton Mdws-Across the Rd.									snow	light	35F		clear
Benton Mdws-Across the Rd.			? 1						pt cloud	light	11C	13	
Benton Mdws-Across the Rd.									ovcast	light	6	9	
Benton Mdws-Across the Rd.			3						pt.cloud	light	17.5	12	clear
E.Larabee Mdws-Small									ovcast	light	12	22	clear
E.Larabee Mdws-Small									rain	light	9	10	clear
E.Larabee Mdws-Small													
E.Larabee Mdws-Pinecone					3	V			ovcast	light	12	20	
E.Larabee Mdws-Pinecone									rain	light	7		clear
E.Larabee Mdws-Pinecone									clear	light	70 F		clear
E.Larabee Mdws-Thumb									ovcast	light	12.5	18	

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	TURBID.	DESCRIPT	LENGTH (ft)	WIDTH (ft)	DEPTH	SUBSTRATE	COMMENTS
Benton Mdws-Large	cloudy	perm.pond				silt/mud	
Benton Mdws-Large			30	20	>2m		
Benton Mdws-Large			30	20			
Benton Mdws-Large	cloudy		30	20	>2m		
Benton Mdws-Large	cloudy		29	19			receded about 7" from the grass edge
Benton Mdws-Large							
Benton Mdws-Large							
Benton Mdws-Small	clear	temp.pond					
Benton Mdws-Small			8	4			
Benton Mdws-Small			8	4			
Benton Mdws-Small							
Benton Mdws-Small	clear	Benton Mdws	7	3			grass is very high, up to my waist
Benton Mdws-Small							
Benton Mdws-Small							
Benton Mdws-Channel	clear	temp.pond					
Benton Mdws-Channel	clear	temp.pond	12	5	<1m	silt/mud	
Benton Mdws-Channel			15	3			
Benton Mdws-Channel			15	3	<1m		
Benton Mdws-Channel			2	2			no standing water, grass growing in places
Benton Mdws-Channel							
Benton Mdws-By the Gate	clear	temp.pond				silt/mud	
Benton Mdws-By the Gate	clear	temp.pond	15	3			
Benton Mdws-By the Gate	clear	temp.pond	30	3	<1m		
Benton Mdws-By the Gate	clear	temp.pond	30	3	<1m		
Benton Mdws-By the Trailer	clear	temp.pond					
Benton Mdws-By the Trailer	clear	temp.pond					
Benton Mdws-By the Trailer			30	2			
Benton Mdws-By the Trailer			30	2			
Benton Mdws-By the Trailer							water is drying up fast
Benton Mdws-By the Trailer							
Benton Mdws-By the Fence	clear	perm.pond	15	9	6 in.		
Benton Mdws-By the Fence							
Benton Mdws-By the Fence							
Benton Mdws-Across the Rd.	clear	temp.pond					
Benton Mdws-Across the Rd.							
Benton Mdws-Across the Rd.							
Benton Mdws-Across the Rd.	clear		10	4			
E.Larabee Mdws-Small	clear	temp.pond	4	1	<1m	silt/mud	
E.Larabee Mdws-Small	clear		4	1			
E.Larabee Mdws-Small							
E.Larabee Mdws-Pinecone		temp.pond	9	8	<1m	silt/mud	
E.Larabee Mdws-Pinecone	clear	temp.pond	9	8	<1m		
E.Larabee Mdws-Pinecone	cloudy	temp.pond	7	7	<1m		algae bloom.
E.Larabee Mdws-Thumb		temp.pond	15	5	<1m	silt/mud	

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E.Larabee Mdws-Thumb	5/01	1203	1210	Handen,Ritter		10			>500			
E.Larabee Mdws-Thumb	6/04	1229	1240	Llewellyn		3			>30			
E.Larabee Mdws-Rd. Ditch	4/24	1632	1642	Cassirer,Handen	3						1	
E.Larabee Mdws-Rd. Ditch	5/01	1232	1243	Handen,Ritter				1				
E.Larabee Mdws-Rd. Ditch	6/08	1222	1226	Llewellyn					10			
E.Larabee Mdws-Elbow	4/24	1644	1651	Cassirer,Handen	1							
E.Larabee Mdws-Elbow	5/01	1219	1229	Handen,Ritter	5-fungus	4						
E.Larabee Mdws-Elbow	6/08	1211	1220	Llewellyn		2			>50			
E.Larabee Meadows-Dam	6/08	1244	1252	Llewellyn								
E.Larabee Meadows-Dam											2	
E.Larabee Mdws-Dam1	6/08	1253	1303	Llewellyn					>20		2	
E.Larabee Mdws-Pond by Cabin	4/24	1610	1621	Cassirer,Handen	11			1				
E.Larabee Mdws-Pond by Cabin	5/01	1110	1131	Handen,Ritter	4				>500			
W.Larabee Mdws-Spring	6/01	1230	1305	Llewellyn		>20			>300		1	
W.Larabee Mdws-Spring												
W.Larabee Mdws-Ditch	6/01	1306	1328	Llewellyn								
W.Larabee Mdws-Ditch												
W.Larabee Mdws-Upper	6/01	1330	1342	Llewellyn	>50	>500			>500		9	
W.Larabee Mdws-Upper												
Lewis Co.-South Sec.27		1215	1254	Llewellyn								
Lewis Co.-South Sec.27	7/26			Llewellyn;Henderson						>3	>14	
Lewis Co.-Middle Sec.27		1138	1213	Llewellyn	10							
Lewis Co.-Middle Sec.27	7/26			Llewellyn;Henderson		>20				1	1	
Lewis Co.-North Sec. 27		1257	1354	Llewellyn	10							
Lewis Co.-North Sec. 27	7/26	1428		Llewellyn;Henderson		>10			>10	1		
Lewis Co.-At the Y	5/30	1452	1415	Llewellyn		>20			>100		2	
Lewis Co.-At the Y												
Lewis Co.-At the Y												
Lewis Co.-Forest Pond	5/30	1425	1440	Llewellyn						2	9	
Lewis Co.-Forest Pond												
Lewis Co.-Forest Pond												
Lewis Co.-Lg.Deer Ck.Trib.	5/07	1008	1025	Llewellyn								
Lewis Co.-Lg.Deer Ck.Trib.	6/08	1015										
Lewis Co.-Lg.Deer Ck.Trib.	7/20	1358										
Lewis Co.-Sm.Deer Ck. Trib.	5/07	1026	1130	Llewellyn								>18
Lewis Co.-Sm.Deer Ck. Trib.	6/08	1015										
Lewis Co.-Sm.Deer Ck. Trib.	7/20	1430										
Zaza Rd.-Roberts Spring	5/31	1643	1710	Llewellyn	>30	1-big			>100	40	3	
Zaza Rd.-Roberts Spring												
Zaza Rd.-Roberts Spring											2	

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	BUBO TADS	BUBO ADULTS	PSRE EGGS	PSRE TADS	PSRE ADULTS	PSRE VOCAL	THEL	THSI	WEATHER	WIND	AIR	WATER	COLOR
E.Larabee Mdws-Thumb					1				rain	light	8	8	
E.Larabee Mdws-Thumb				1				1	clear	light	70F		clear
E.Larabee Mdws-Rd. Ditch									ovcast	light	12	21	
E.Larabee Mdws-Rd. Ditch									rain	light	6	9	clear
E.Larabee Mdws-Rd. Ditch									clear	light	75 F		clear
E.Larabee Mdws-Elbow									ovcast	light	12	17	
E.Larabee Mdws-Elbow									rain	light	7	7	clear
E.Larabee Mdws-Elbow									clear	light	70 F		clear
E.Larabee Meadows-Dam									clear	light	70 F		clear
E.Larabee Meadows-Dam													
E.Larabee Mdws-Dam1									clear	light	70 F		clear
E.Larabee Mdws-Pond by Cabin									ovcast	light			
E.Larabee Mdws-Pond by Cabin									ovcast	light	6	9	
													clear
W.Larabee Mdws-Spring									clear	calm	85 F		clear
W.Larabee Mdws-Spring													
W.Larabee Mdws-Ditch									clear	calm	85 F		clear
W.Larabee Mdws-Ditch													
W.Larabee Mdws-Upper									clear	calm	85F		clear
W.Larabee Mdws-Upper													
													clear
Lewis Co.-South Sec.27													clear
Lewis Co.-South Sec.27								1-yg	3	clear	calm		clear
Lewis Co.-Middle Sec.27											ovcast	calm	
Lewis Co.-Middle Sec.27								6-yg.					
Lewis Co.-North Sec. 27											ovcast	calm	
Lewis Co.-North Sec. 27								5-yg.					
Lewis Co.-At the Y										clear	light		
Lewis Co.-At the Y													
Lewis Co.-At the Y													
Lewis Co.-Forest Pond									clear	light			
Lewis Co.-Forest Pond													
Lewis Co.-Forest Pond													
Lewis Co.-Lg.Deer Ck.Trib.											clear	clear	
Lewis Co.-Lg.Deer Ck.Trib.													
Lewis Co.-Lg.Deer Ck.Trib.													clear
Lewis Co.-Sm.Deer Ck. Trib.	>500										light	light	
Lewis Co.-Sm.Deer Ck. Trib.	>150												
Lewis Co.-Sm.Deer Ck. Trib.													
													clear
Zaza Rd.-Roberts Spring								Y			clear	light	
Zaza Rd.-Roberts Spring													
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