

1995 Pond Breeding Surveys

	TURBID.	DESCRIPT	LENGTH (ft)	WIDTH (ft)	DEPTH	SUBSTRATE	COMMENTS
E.Larabee Mdws-Thumb		temp.pond	15	5	>1m		
E.Larabee Mdws-Thumb	clear	temp.pond	28	8	8"		
E.Larabee Mdws-Rd. Ditch		temp.pond	40	4	>1m	silt/mud	
E.Larabee Mdws-Rd. Ditch	cloudy	temp.pond	60	4	>1m	silt/mud	
E.Larabee Mdws-Rd. Ditch	cloudy	temp.pond	16	7	2.5"	silt/mud	water receded to just a puddle with tads in it.
E.Larabee Mdws-Elbow		temp.pond				silt/mud	
E.Larabee Mdws-Elbow	cloudy	temp.pond					
E.Larabee Mdws-Elbow	clear	temp.pond	35ft	7ft			
E.Larabee Meadows-Dam	clear	perm.pond	120ft	45ft		silt/cobble	2 crayfish
E.Larabee Meadows-Dam							
E.Larabee Mdws-Dam1	clear	temp.pond	17	6	4"	silt/mud	
E.Larabee Mdws-Pond by Cabin		temp.pond	60	20	<1m		
E.Larabee Mdws-Pond by Cabin		temp.pond	25	4	>1m		
	clear	?					
W.Larabee Mdws-Spring	clear	perm.pond	100	23	8"	silt/mud	much algae bloom
W.Larabee Mdws-Spring							
W.Larabee Mdws-Ditch	cloudy	temp.pond	28	9	4"	rock	much algae bloom
W.Larabee Mdws-Ditch							
W.Larabee Mdws-Upper	clear	perm.pond	100	25	12"	silt/mud	
W.Larabee Mdws-Upper							
	clear						
Lewis Co.-South Sec.27	clear	perm.pond					redwing blackbirds, 2-ducks
Lewis Co.-South Sec.27	clear				>1m		
Lewis Co.-Middle Sec.27		?	150	75	<1m	silt/mud	
Lewis Co.-Middle Sec.27							
Lewis Co.-North Sec. 27		?	100	60	1-2m	silt/mud	
Lewis Co.-North Sec. 27							
Lewis Co.-At the Y		perm.pond				silt/mud	
Lewis Co.-At the Y							
Lewis Co.-At the Y							
Lewis Co.-Forest Pond		perm.pond	30	20		rock/cobble	has an underground spring
Lewis Co.-Forest Pond							
Lewis Co.-Forest Pond							
Lewis Co.-Lg.Deer Ck.Trib.		temp.pond	18	5	<1m	silt/mud	
Lewis Co.-Lg.Deer Ck.Trib.							
Lewis Co.-Lg.Deer Ck.Trib.	clear						Completely dried-up
Lewis Co.-Sm.Deer Ck. Trib.		temp.pond	15	8	<1m	silt/mud	
Lewis Co.-Sm.Deer Ck. Trib.							
Lewis Co.-Sm.Deer Ck. Trib.							No amphibians
	clear						
Zaza Rd.-Roberts Spring		perm.pond	55	38	1-2m	silt/mud	much algae bloom this year
Zaza Rd.-Roberts Spring							
Zaza Rd.-Roberts Spring							

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	DATE	BEGIN	END	OBSERVERS	AMMA EGGS	AMMA LARVAE	AMMA ADULTS	RAPR EGGS	RAPR TADS	RAPR JUV.	RAPR ADULTS	BUBO EGGS
Zaza Rd.-Roberts Spring												
Zaza Rd.- Hdwaters Eagle Ck	5/30	1715	1724	Llewellyn	4							
Zaza Rd.- Hdwaters Eagle Ck												
Zaza Rd.- Hdwaters Eagle Ck												
Zaza Rd.-Culvert/Eagle Trib.	5/30	1730	1745	Llewellyn				1	>50		1	
Zaza Rd.-Culvert/Eagle Trib.												
Zaza Rd.-Orgy Pond	4/13	755	757	Cassirer								
Zaza Rd.-Orgy Pond	4/24	1146	1240	Cassirer,Handen	15		1	5			12	
Zaza Rd.-Orgy Pond	5/1	909	1011	Handen,Ritter	34			6				
Zaza Rd.-Orgy Pond	5/8	1355	1425	Handen	9							
Zaza Rd.-Orgy Pond	5/23	1412	1423	Llewellyn		3			25			
Zaza Rd.-Road Ditch-540	5/23	1142	1203	Llewellyn	3-fungus							1
Zaza Rd.-Road Ditch-540												
DEER CK. MEADOW	6/04	1331	1404	Llewellyn					>18		5	
DEER CK. MEADOW												
DEER CK. MEADOW									>50-meta			
CATTAIL POND	5/30	1300	1340	Llewellyn		>500			>100		3	
CATTAIL POND												
RD575-62 MILE	5/30	1351	1400	Llewellyn								
CATTLEGUARD	5/30	1405	1420	Llewellyn					100		1	
CATTLEGUARD						>4			>400	1	3	
RED BIRD RD	5/24	1320	1330	Llewellyn		10						
RED BIRD RD	7/25			Llewellyn								
LG FRYE POINT	6/	1344	1407	Llewellyn					20	22		
LG FRYE POINT												
SM FRYE POINT	6/	1500	1531	Llewellyn								
SM FRYE POINT												
SOLDIERS MEADOW	6/04	1545	1605	Llewellyn								4
WEBB CREEK	6/04	1215	1345	Llewellyn								
HDWATER CAPT.JOHN		1605	1654	Llewellyn	>20				T		1	
CHINA CK. MUDHOLE	5/30	1400	1401	Llewellyn								
S.FORK CAPT.JOHN		1133	1220	Llewellyn		L			>50		1	
Moose Creek	4/24	1253	1323	Cassirer,Handen	17		5	4			1	
Moose Creek	5/1	1018	1054	Handen,Ritter	1	present	3A, 1Juv	3			3	
Moose Creek	5/8	1314	1344	Handen	1			3				
As of June 27, 1995 the ponds do not exist because the river waters are very high and have taken the beaches												
Snake River-S.Lg.Limekiln	7/23	water still flowing		Llewellyn, Benker								
Snake River-S.Lg.Limekiln	8/02	water still flowing		Llewellyn,Benker								
Snake River-N.Limekiln(carp)	7/23	oes not exist		Llewellyn,Benker								

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	BUBO TADS	BUBO ADULTS	PSRE EGGS	PSRE TADS	PSRE ADULTS	PSRE VOCAL	THEL	THSI	WEATHER	WIND	AIR	WATER	COLOR
Zaza Rd.-Roberts Spring				>30									clear
Zaza Rd.-Hdwaters Eagle Ck									clear	light	80F		
Zaza Rd.-Hdwaters Eagle Ck													
Zaza Rd.-Hdwaters Eagle Ck													clear
Zaza Rd.-Culvert/Eagle Trib.									clear	light			
Zaza Rd.-Culvert/Eagle Trib.													
Zaza Rd.-Orgy Pond									snow	light	35F		
Zaza Rd.-Orgy Pond									clear	calm	17	12	clear
Zaza Rd.-Orgy Pond									ovcast	light	6	5	clear
Zaza Rd.-Orgy Pond									pt.cloud	light	16	16	clear
Zaza Rd.-Orgy Pond													
Zaza Rd.-Road Ditch-540											clear	calm	
Zaza Rd.-Road Ditch-540													
DEER CK. MEADOW									clear	light	80F		clear
DEER CK. MEADOW													
DEER CK. MEADOW													clear
CATTAIL POND									clear	calm			
CATTAIL POND													clear
RD575-62 MILE									clear	calm			clear
CATTLEGUARD									clear	light			
CATTLEGUARD													clear
RED BIRD RD				>100			2	1	clear	calm			clear
RED BIRD RD				>200 back legs			4						
LG FRYE POINT									hazy	light			
LG FRYE POINT													clear
SM FRYE POINT									hazy	light			
SM FRYE POINT													clear
SOLDIERS MEADOW	>2000								pt.over	light	80F		clear
WEBB CREEK		1							pt.over	light	80F		clear
HDWATER CAPT.JOHN									ovcast	calm			
CHINA CK. MUDHOLE									clear	calm			
S.FORK CAPT.JOHN													
Moose Creek									clear	calm			clear
Moose Creek									ovcast	light	4	5	
Moose Creek									pt.cloud	light	14	13	
As of June 27, 1995 the ponds do not													
Snake River-S.Lg.Limekiln													
Snake River-S.Lg.Limekiln													
Snake River-N.Limekiln(carp)													

1995 Pond Breeding Surveys

	TURBID.	DESCRIPT	LENGTH (ft)	WIDTH (ft)	DEPTH	SUBSTRATE	COMMENTS
Zaza Rd.-Roberts Spring	clear						
Zaza Rd.- Hdwaters Eagle Ck		stream	20	8	<1m	silt/mud	
Zaza Rd.- Hdwaters Eagle Ck							
Zaza Rd.- Hdwaters Eagle Ck	clear						
Zaza Rd.-Culvert/Eagle Trib.		temp.pond	18	10	<1m	silt/mud	
Zaza Rd.-Culvert/Eagle Trib.							
Zaza Rd.-Orgy Pond		perm.pond			1-2m	silt/mud	
Zaza Rd.-Orgy Pond	pt.cloud	perm.pond	40	6			
Zaza Rd.-Orgy Pond	cloudy		40	5			
Zaza Rd.-Orgy Pond	cloudy		40	5			
Zaza Rd.-Orgy Pond							
Zaza Rd.-Road Ditch-540		temp.pond	25	18		silt/mud	can't believe all of the water in this pond
Zaza Rd.-Road Ditch-540							Pond drying up. Completely dry on 5/23
DEER CK. MEADOW	cloudy	perm.creek	130	7	9"	silt/mud	cows have mucked up the pond
DEER CK. MEADOW							
DEER CK. MEADOW	clear						
CATTAIL POND		perm.pond	110	100	1-2m	silt/mud	
CATTAIL POND	clear						
RD575-62 MILE	cloudy	temp.pond	20	20	<1m	silt/mud	Pond still has water in it.
CATTLEGUARD		perm.pond	80	30	<1m	silt/mud	
CATTLEGUARD	clear						very large tads, forming dorsal ridge
RED BIRD RD	clear	perm.pond	25	18		silt/mud	much algae bloom
RED BIRD RD							
LG FRYE POINT		perm.pond	50		<1m	silt/mud	
LG FRYE POINT	clear						
SM FRYE POINT							
SM FRYE POINT	clear						Dried up
SOLDIERS MEADOW	clear	perm.lake	large	long	deep	silt/mud	lake edge surrounded by submergent vegetatic
WEBB CREEK	clear	perm.pool	90	20	<1m	silt/mud	5 fish jumping. BUBO was on bank of Webb C
HDWATER CAPT.JOHN		perm.pool	100	28	<1m	silt/mud	
CHINA CK. MUDHOLE		temp.pond					No presence of pond.
S.FORK CAPT.JOHN							
Moose Creek	clear	perm.pond				silt/mud	female crayfish laying eggs in a Doritos bag
Moose Creek		perm.pond	40	15			
Moose Creek			40	15			
As of June 27, 1995 the ponds do not							
Snake River-S.Lg.Limekiln		perm.pond				silt/mud	
Snake River-S.Lg.Limekiln							
Snake River-N.Limekiln(carp)		perm.pond				sand/cobb	

1995 Pond Breeding Surveys

	DATE	BEGIN	END	OBSERVERS	AMMA EGGS	AMMA LARVAE	AMMA ADULTS	RAPR EGGS	RAPR TADS	RAPR JUV.	RAPR ADULTS	BUBO EGGS
Snake River-Limekiln (south)	7/23			Llewellyn,Benker					20-30			
Snake River-Limekiln (south)	8/02			Llewellyn,Benker					gone			
Snake River-Limekiln (north)	8/02			Llewellyn,Benker					>200			
Snake River-S.Chimney(basalt)	7/23			Llewellyn,Benker								
Snake River-S.Chimney(basalt)	8/02			Llewellyn,Benker								
Snake River-N.Chimney	7/23	flowing through it		Llewellyn,Benker								
Snake River-N.Chimney	8/02	flowing through it		Llewellyn,Benker								
Salmon River-Peninsula Beach	7/24			Llewellyn,Boyle								5-10
Salmon River-Nightsnake Beach	7/18			Llewellyn								>10
Salmon River-Nightsnake Beach	7/23			Llewellyn,Boyle								>10
Salmon River-Nightsnake Beach	7/24			Llewellyn,Boyle								>12
Salmon River-S.End Beach Pool	6/30	flowing through it		Llewellyn								
Salmon River-S.End Beach Pool	7/24			Llewellyn,Boyle								
Salmon River-S.End Beach Pond	6/30	flowing through it		Llewellyn								
Salmon River-S.End Beach Pond	7/24			Llewellyn,Boyle								25-30

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	BUBO TADS	BUBO ADULTS	PSRE EGGS	PSRE TADS	PSRE ADULTS	PSRE VOCAL	THEL	THSI	WEATHER	WIND	AIR	WATER	COLOR
Snake River-Limekiln (south)	>100												
Snake River-Limekiln (south)	>100						1-baby						
Snake River-Limekiln (north)	>200												
Snake River-S.Chimney(basalt)													
Snake River-S.Chimney(basalt)	>300												
Snake River-N.Chimney													
Snake River-N.Chimney													
Salmon River-Peninsula Beach		4;2-amplex pr.							1	1-juv.			
Salmon River-Nightsnake Beach		2 amplex pr.											
Salmon River-Nightsnake Beach	>500	11;1-amplex.											
Salmon River-Nightsnake Beach	>700	6											
Salmon River-S.End Beach Pool		1											
Salmon River-S.End Beach Pool							1-large						
Salmon River-S.End Beach Pond													
Salmon River-S.End Beach Pond	hatching	1											

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	TURBID.	DESCRIPT	LENGTH (ft)	WIDTH (ft)	DEPTH	SUBSTRATE	COMMENTS
Snake River-Limekiln (south)							
Snake River-Limekiln (south)							
Snake River-Limekiln (north)							
Snake River-S.Chimney(basalt)		perm.pond				sand/cobb	
Snake River-S.Chimney(basalt)		perm.pond				sand/boul	
Snake River-N.Chimney							
Snake River-N.Chimney		perm.pond				sand	
Salmon River-Peninsula Beach							
Salmon River-Nightsnake Beach							
Salmon River-Nightsnake Beach		temp.pond				silt/sand	
Salmon River-Nightsnake Beach							
Salmon River-S.End Beach Pool							
Salmon River-S.End Beach Pool		temp. pool				silt/sand	
Salmon River-S.End Beach Pond							
Salmon River-S.End Beach Pond		perm.pond				sand/cobb	

List of all the ponds and species found in them.

Bold letters represent new species found in 1995

SITE NO.	WETLAND NAME	RAPR	AMMA	BUBO	PSRE	THEL	THSI	SPIN	RACA
1	Benton Mdws. Large	A,J	E,L,A	A,E	A,T,V	A			
2	Benton Mdws. Small	E,T,J,A	E,L		E,T,A,V				
3	Benton Mdws. Channel	E,T	E	E,T					
4	Benton Mdws. By the gate	E,T	A						
5	Benton Mdws. By the trailer	E,T,J	L		E, V				
6	Benton Mdws. By the fence	A, T	L						
7	Benton Mdws. Across the Rd.		E, L, A	E, T					
8	E. Larabee Mdws Small	E	E, L						
9	E. Larabee Mdws. Pinecone	T, M, J	E,L		A, V				
10	E. Larabee Mdws. Thumb	E, T, M, A	E,L		A, T	A	A		
11	E. Larabee Mdws. Road Ditch	E, T, J, A	E						
12	E. Larabee Mdws. Elbow	T, J, M	E, L						
13	Larabee Dam	A							
14	Pond 1	T, A	L				A		
15	E. Larabee Mdws. Pond by Cabin	E, T, A	E		V				
16	W. Larabee Mdws Spring	E, T, A, M	L	T					
17	W. Larabee Mdws. Ditch	A	E						
18	W. Larabee Mdws. Upper	E, T, A, M	E, L	E,T	A				
19	Lewis Co. South Sec. 27	E, T, J, A	E, L	T	T	A	A		
20	Lewis Co. Middle Sec. 27	T, J, A	E,L		T	A			
21	Lewis Co. North Sec. 27	T, J	E,L		T	Y			
22	Lewis Co. New Pond	M, A	L		M	A	A		
23	At the Y Pond	E,T,A	E,L		T, A	A			
24	Forest Pond	J,A							
25	Lg. Deer Ck. Trib.								
26	Sm. Deer Ck. Trib.			E,T					
27	Roberts Spring	E,T,A	E,L		T, A, V	Y			
28	Hdwaters Eagle Ck		E,L						
29	Culvert-Eagle Trib.	E, T, A	L		T	A			
30	Orgy Pond	E,T,A	E, L, A						
31	Road Ditch - 540	A	E						
32	Deer Creek Mdw.	T, A			V				
33	Cattail Pond	E,T,A	E,L						
34	Rd. 575-62-mile								
35	Cattleguard Pond	T,A	E,L						
36	Red Bird Road		L		T,M	A	A		
37	Large Frye Point	E,J,A							
38	Sm. Frye Point	J		A,T					
39	Soldiers Meadow			E, T, A					
40	Webb Creek	A		A					
41	Hdwater. Capt. John	A	E, L						
42	China Ck. Mudhole			E,T					
44	Moose Pond	E, A	E, L, A			A			

SITE NO.	WETLAND NAME	RAPR	AMMA	BUBO	PSRE	THEL	THSI	SPIN	RACA
45	Snake River Lg.Limekiln								
46	Snake River Limekiln/Pond	T		T, M					
47	Snake River Limekiln/Riparian	T		T					
48	Snake River Limekiln-carp			T,M					
49	Snake River S.Schilling			E, T, A					
50	Snake River N.Schilling			E, T, A					
51	Salmon River Penin.Beach			E, T, A				A	J, A
52	Salmon River Nightsnake Beach			E, T, A					
53	Salmon River S. Beach pond			E, T				A	
54	Salmon River S. Beach pool			T					

Cowardin et. al.,
Wetland Classification

Wetland Name	System	Class	Subclass	Water Regime
Benton Mdws-Large	Palustrine	Emergent Wetland	persistant	permanently flooded
Benton Mdws-Small	Palustrine	Emergent Wetland	persistant	seasonally flooded
Benton Mdws-Channel	Palustrine	Emergent Wetland	persistant	seasonally flooded
Benton Mdws-By the Gate	Palustrine	Emergent Wetland	persistant	seasonally flooded
Benton Mdws-By the Trailer	Palustrine	Emergent Wetland	persistant	seasonally flooded
Benton Mdws-By the Fence	Palustrine	Emergent Wetland	persistant	semi-permanently flooded
Benton Mdws-Across the Rd.	Palustrine	Emergent Wetland	persistant	semi-permanently flooded
E.Larabee Mdws-Small	Palustrine	Emergent Wetland	persistant	seasonally flooded
E.Larabee Mdws-Pinecone	Palustrine	Emergent Wetland	persistant	seasonally flooded
E.Larabee Mdws-Thumb	Palustrine	Emergent Wetland	persistant	seasonally flooded
E.Larabee Mdws-Rd. Ditch	Palustrine	Emergent Wetland	persistant	seasonally flooded
E.Larabee Mdws-Elbow	Palustrine	Emergent Wetland	persistant	seasonally flooded
E.Larabee Meadows-Dam	Lacustrine			permanently flooded
E.Larabee Mdws-Dam1	Palustrine	Emergent Wetland	persistant	semi-permanently flooded
E.Larabee Mdws-Pond by Cabin	Palustrine	Emergent Wetland	persistant	seasonally flooded
W.Larabee Mdws-Spring	Palustrine	Emergent Wetland	persistant	permanently flooded
W.Larabee Mdws-Ditch	Palustrine	Emergent Wetland	persistant	seasonally flooded
W.Larabee Mdws-Upper	Palustrine	Emergent Wetland	persistant	permanently flooded
Lewis Co.-South Sec.27	Palustrine	Emergent Wetland	persistant	permanently flooded
Lewis Co.-Middle Sec.27	Palustrine	Emergent Wetland	persistant	seasonally flooded
Lewis Co.-North Sec. 27	Palustrine	Emergent Wetland	persistant	seasonally flooded
Lewis Co. New Pond	Palustrine	Emergent Wetland	persistant	seasonally flooded
Lewis Co.-At the Y	Palustrine	Emergent Wetland	persistant	intermittently exposed
Lewis Co.-Forest Pond	Palustrine	Emergent Wetland	persistant	permanently flooded
Lewis Co.-Lg. Deer Ck. Trib.	Palustrine	Emergent Wetland		seasonally flooded
Lewis Co.-Sm. Deer Ck. Trib.	Palustrine	Emergent Wetland		seasonally flooded
Zaza Rd.-Roberts Spring	Palustrine	Emergent Wetland	persistant	permanently flooded
Zaza Rd.-Hdwaters Eagle Ck	Palustrine	Emergent Wetland		intermittently exposed
Zaza Rd.-Culvert/Eagle Trib.	Palustrine	Emergent Wetland	persistant	seasonally flooded
Zaza Rd.-Orgy Pond	Palustrine	Emergent Wetland	persistant	seasonally flooded
Zaza Rd.-Road Ditch-540	Palustrine	Emergent Wetland	persistant	seasonally flooded
DEER CK. MEADOW	Palustrine	Emergent Wetland		intermittently exposed
CATTAIL POND	Palustrine	Emergent Wetland	persistant	intermittently exposed
RD575-62 MILE	Palustrine	Emergent Wetland	persistant	temporarily flooded
CATTLEGUARD	Palustrine	Emergent Wetland	persistant	intermittently exposed
RED BIRD RD	Palustrine	Emergent Wetland	persistant	semipermanently flooded
LG FRYE POINT	Palustrine	Emergent Wetland	persistant	seasonally flooded
SM FRYE POINT	Palustrine	Emergent Wetland	persistant	seasonally flooded
SOLDIERS MEADOW	Lacustrine			permanently flooded
WEBB CREEK	Palustrine	Emergent Wetland		permanently flooded
HDWATER CAPT. JOHN	Palustrine	Emergent Wetland	persistant	seasonally flooded
CHINA CK. MUDHOLE	Palustrine	Emergent Wetland	persistant	temporarily flooded
S.FORK CAPT. JOHN	Palustrine	Emergent Wetland		semipermanently flooded
MOOSE POND	Palustrine	Emergent Wetland	persistant	intermittently exposed
Snake River-S.Lg. Limekiln	Palustrine			seasonally flooded-tidal
Snake River-Limekiln/channel	Palustrine			seasonally flooded-tidal
Snake River-Limekiln\carp	Palustrine			seasonally flooded-tidal

Wetland Name	System	Class	Subclass	Water Regime
Snake River-S.Chimney(basalt)	Palustrine			seasonally flooded-tidal
Snake River-N. Chimney	Palustrine			seasonally flooded-tidal
Salmon River-Peninsula Beach	Palustrine			
Salmon River-Nightsnake Beach	Palustrine			
Salmon River-S.End Beach Pool	Palustrine			
Salmon River-S.End Beach Pond	Palustrine			
Salmon River-N.China Ck.Pond	Palustrine			