

The Canadian Field-Naturalist

SUPPLEMENTARY MATERIALS:

Video-documentation of American Black Bear (*Ursus americanus*) foraging on algae in livestock tanks on a conservation property in western Montana, USA

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TABLE S1. Video-documentation of wild American Black Bear (*Ursus americanus*) that visited stock tanks when algae blooms were and were not present, size of the algae bloom, and if the individual ate the algae from the Sheep Camp livestock tank, on MPG Ranch in western Montana, USA, 2015–2022. M = male. F = female. U = unidentifiable. Y = yes. N = no. P = presumed algae foraging. NA = not applicable.

Bear ID/s	Bear sex	Date (day/month/year)	Algae present	Algae size	Bear ate algae
M2	M	8/9/2019	Y	Large bloom	Y
M2	M	12/9/2019	Y	Large bloom	Y
M2	M	5/10/2019	Y	Large bloom	Y
F2, cub M26, cub F21	FMF	25/9/2019	Y	Large bloom	Y
F11, cub F20, cub F22, cub M35	FFM	1/10/2019	Y	Large bloom	Y
F2	F	8/10/2019	Y	Med bloom	P
M2	M	16/9/2019	Y	Large bloom	N
M2	M	20/9/2019	Y	Large bloom	N
M2	M	30/9/2019	Y	Large bloom	N
M2	M	2/9/2018	Y	Specks	N
M2	M	6/10/2020	Y	Specks	N
F2	F	10/9/2018	Y	Small bloom	N
F2	F	21/9/2018	Y	Small bloom	N
F2	F	22/9/2019	Y	Large bloom	N
F2	F	15/10/2022	Y	Specks	N
F2	F	5/9/2022	Y	Specks	N
F2, cub M26, cub F21	FMF	2/9/2019	Y	Large bloom	N
F2, cub M26, cub F21	FMF	15/9/2019	Y	Large bloom	N
F2, cub M26, cub F21	FMF	15/9/2019	Y	Large bloom	N
F11, cub F20, cub F22, cub M35	FFF	1/10/2019	Y	Large bloom	N
M17	M	9/5/2016	Y	Large bloom	N
M16	M	21/9/2019	Y	Large bloom	N
M16	M	9/5/2020	Y	Large bloom	N
M16	M	15/5/2021	Y	Med bloom	N
M1	M	23/9/2019	Y	Large bloom	N
M1	M	1/10/2019	Y	Large bloom	N
M1	M	1/10/2019	Y	Large bloom	N
M1	M	22/7/2022	Y	Specks	N
M23	M	19/5/2018	Y	Small bloom	N
M7	M	7/9/2018	Y	Small bloom	N
M17	M	6/9/2018	Y	Small bloom	N
M17	M	11/9/2018	Y	Small bloom	N
M17	M	9/9/2018	Y	Small bloom	N
M17	M	27/8/2018	Y	Specks	N

TABLE S1. *Continued.*

Bear ID/s	Bear sex	Date (day/month/year)	Algae present	Algae size	Bear ate algae
F11, cub F20, cub F22, cub M35	FFFM	18/9/2019	Y	Large bloom	N
F11, cub F20, cub F22, cub M35	FFFM	18/9/2019	Y	Large bloom	N
F11, cub F20, cub F22, cub M35	FFFM	7/10/2019	Y	Large bloom	N
F11, cub F20, cub F22, cub M35	FFFM	7/10/2019	Y	Large bloom	N
F11, cub F20, cub F22, cub M35	FFFM	7/10/2019	Y	Large bloom	N
F11, cub F37	FF	15/8/2022	Y	Specks	N
F11, cub F37, cub F38	FFF	1/9/2022	Y	Specks	N
F11, cub F37, cub F38	FFF	14/9/2022	Y	Specks	N
F11, cub F37, cub F38	FFF	5/9/2022	Y	Specks	N
F11	F	14/9/2022	Y	Specks	N
M24	M	5/9/2018	Y	Small bloom	N
M24	M	6/9/2018	Y	Small bloom	N
M24	M	9/9/2018	Y	Small bloom	N
M24	M	10/9/2018	Y	Small bloom	N
M24	M	10/6/2019	Y	Large bloom	N
M24	M	10/6/2019	Y	Large bloom	N
M24	M	26/9/2019	Y	Large bloom	N
M35	M	2/10/2019	Y	Large bloom	N
M35	M	30/4/2021	Y	Specks	N
M35	M	3/7/2021	Y	Specks	N
M35	M	19/8/2021	Y	Specks	N
M37	M	28/9/2019	Y	Large bloom	N
F20	F	15/8/2022	Y	Specks	N
F20	F	21/9/2022	Y	Specks	N
F20	F	23/9/2022	Y	Specks	N
F20	F	23/9/2022	Y	Specks	N
F20	F	24/9/2022	Y	Specks	N
F22	F	7/10/2019	Y	Large bloom	N
M50	M	15/9/2020	Y	Small bloom	N
M50	M	5/5/2021	Y	Small bloom	N
M50	M	22/7/2022	Y	Specks	N
M50	M	26/7/2022	Y	Specks	N
M50	M	16/8/2020	Y	Small bloom	U
M50, M61	MM	26/8/2021	Y	Specks	N
M56	M	17/8/2022	Y	Specks	N
U	U	30/8/2021	Y	Specks	N
M2	M	15/9/2021	N	No bloom	NA
M2	M	15/9/2021	N	No bloom	NA
M2	M	31/8/2018	N	No bloom	NA
M2	M	22/9/2020	N	No bloom	NA
M2	M	5/9/2021	U	U	U
M7	M	7/9/2018	N	No bloom	NA
M16	M	29/4/2022	N	No bloom	NA
M16	M	2/9/2020	U	U	U
M17	M	13/9/2016	N	No bloom	NA
M17	M	24/8/2018	N	No bloom	NA
M17	M	25/8/2018	N	No bloom	NA
M17	M	20/9/2018	N	No bloom	NA

TABLE S1. *Continued.*

Bear ID/s	Bear sex	Date (day/month/year)	Algae present	Algae size	Bear ate algae
M17	M	21/9/2018	N	No bloom	NA
M17	M	11/9/2018	N	No bloom	NA
M35	M	30/4/2021	U	U	U
M35	M	23/6/2021	U	U	U
M43	M	27/9/2021	U	No bloom	U
M48	M	16/5/2022	N	No bloom	NA
M48	M	1/9/2022	N	No bloom	NA
M48	M	25/10/2022	N	No bloom	NA
M50	M	31/7/2022	U	U	U
M50	M	25/8/2020	U	U	U
M50	M	31/7/2022	U	U	U
M50	M	15/9/2021	N	No bloom	NA
M50	M	26/10/2021	N	No bloom	NA
M50	M	13/10/2022	N	No bloom	NA
M50	M	17/10/2022	N	No bloom	NA
M50	M	12/5/2021	N	No bloom	NA
M55	M	6/9/2021	U	U	U
M56	M	16/9/2021	N	No bloom	NA
M56	M	21/7/2022	N	No bloom	NA
M56	M	3/8/2022	U	U	U
M61	M	24/8/2021	N	No bloom	NA
M61	M	3/9/2021	N	No bloom	NA
M61	M	3/9/2021	U	U	U
M61	M	5/9/2021	U	U	U
F2	F	31/8/2021	N	No bloom	NA
F2	F	11/9/2021	N	No bloom	NA
F2	F	15/9/2021	N	No bloom	NA
F2	F	5/9/2022	N	Specks	N
F2	F	15/9/2022	N	No bloom	NA
F2	F	8/9/2018	N	No bloom	NA
F2	F	15/9/2018	N	No bloom	NA
F2	F	21/9/2018	N	No bloom	NA
F2	F	21/9/2018	N	No bloom	NA
F2	F	26/9/2018	N	No bloom	NA
F2	F	5/9/2022	U	U	U
F2	F	14/9/2015	U	U	U
F11	F	11/9/2021	N	No bloom	NA
F11	F	20/5/2017	N	No bloom	NA
F11	F	10/5/2016	U	U	U
F11	F	7/9/2021	U	U	U
F20	F	22/9/2022	N	No bloom	NA
F20	F	24/9/2022	N	No bloom	NA
F20	F	24/9/2022	N	No bloom	NA
F20	F	25/9/2022	N	No bloom	NA
F20	F	25/9/2022	N	No bloom	NA
F20	F	29/9/2022	N	No bloom	NA
F20	F	30/9/2022	N	No bloom	NA
F20	F	3/8/2022	U	U	U

TABLE S1. *Continued.*

Bear ID/s	Bear sex	Date (day/month/year)	Algae present	Algae size	Bear ate algae
F20	F	20/6/2022	N	No bloom	NA
U	U	15/9/2021	N	No bloom	NA
U	U	22/9/2022	N	No bloom	NA
U	U	14/9/2016	N	No bloom	NA
U	U	15/9/2018	N	No bloom	NA
U	U	15/9/2018	N	No bloom	NA
U	U	22/9/2018	N	No bloom	NA
U	U	2/10/2018	N	No bloom	NA
U	U	15/5/2021	N	No bloom	NA
U	U	17/5/2021	N	No bloom	NA
U	U	14/9/2018	N	No bloom	NA
U	U	28/9/2018	N	No bloom	NA
U	U	7/10/2021	U	U	U
U	U	23/9/2022	U	U	U
U	U	25/9/2021	U	U	U
U	U	25/9/2021	U	U	U
U	U	26/9/2021	U	U	U
U	U	27/9/2021	U	U	U