

**Appendix 1** Mean values and standard deviation (SD) of environmental variables (structural and physiographic) measured by sampling event for trout in three streams of the Sierra San Pedro Mártir, Baja California, Mexico. SAS= San Antonio stream, SRS= San Rafael stream, and LGS= La Grulla stream. Temp.= temperature, Diss. Oxyg= dissolved oxygen, Conduct.= conductivity, and TDS= total of dissolved solids.

Stream	Date	Depth (m)	Flow Velocity (m/s)	Discharge (m <sup>3</sup> /s)	Stream Slope (°)	Cover by Macrophytes (%)	Temp. (°C)	pH	Diss. Oxyg. (mg/L)	Conduct. (mS/cm)	TDS (g/L)	
SRS	Mean	Feb. 2014	0.13	0.38	0.16	20	1	11.5	9.4	11.2	0.30	0.13
	SD		0.04	0.08	0.02	7	0	0.7	0.6	0.3	0.09	0.00
SAS	Mean	May 2014	0.26	0.17	0.13	15	1	24.8	7.1	6.6	0.32	0.15
	SD		0.16	0.17	0.09	6	0	4.4	0.0	1.5	0.01	0.00
LGS	Mean	Sep. 2014	0.40	0.16	0.06	13	71	17.5	8.7	5.6	0.19	0.14
	SD		0.33	0.29	0.08	7	19	1.3	0.3	1.0	0.06	0.01
SRS	Mean	Mar. 2015	0.18	0.34	0.13	20	1	16.9	8.4	6.1	0.27	0.16
	SD		0.10	0.14	0.07	13	0	3.3	0.3	0.2	0.04	0.14
SAS	Mean	Apr. 2015	0.20	0.25	0.18	25	10	17.3	8.8	5.3	0.14	0.13
	SD		0.09	0.13	0.23	20	16	1.9	0.3	0.5	0.05	0.06
SRS	Mean	May 2015	0.24	0.45	0.21	33	1	15.8	9.9	6.8	0.28	0.18
	SD		0.09	0.15	0.07	15	0	0.8	0.1	0.7	0.00	0.00
LGS	Mean	Aug. 2016	0.20	0.01	0.40	12	93	19.7	7.4	4.4	0.22	0.09
	SD		0.14	0.00	0.27	5	3	0.9	0.2	0.3	0.20	0.04
LGS	Mean	Sep. 2016	0.18	0.04	0.05	15	57	15.4	8.3	6.3	0.33	0.21
	SD		0.06	0.04	0.03	3	26	1.6	0.2	0.8	0.06	0.04
LGS	Mean	Apr. 2017	0.14	0.14	0.07	15	96	16.3	6.8	7.8	0.42	0.27
	SD		0.04	0.11	0.06	2	2	0.4	0.1	0.8	0.06	0.03
<b>Total</b>	Mean		0.21	0.26	0.15	22	21	17.6	8.4	6.4	0.26	0.16
	SD		0.14	0.19	0.15	14	35	3.9	1.0	1.5	0.09	0.09