

Table 1 Physico-chemical parameters of water in study sites from January to June 2017 in Euphrates River (Range, Mean \pm SD)

Parameters	Sites			
	St. 1	St. 2	St. 3	St. 4
Water Temperatures °C	10.2-32.9	9.8-31.4	11.1-30.6	10.5-29.4
	21.4 \pm 6.6	20.6 \pm 6.1	20.9 \pm 6.3	19.4 \pm 5.7
pH	7.2-7.7	7.5- 7.9	7.0-7.6	7.4-8.2
	7.5 \pm 0.72	7.7 \pm 0.63	7.4 \pm 0.35	7.9 \pm 0.75
Dissolved Oxygen (mg/l)	5.6-10.3	7.1-11.6	5.5-9.5	6.6-9.7
	7.6 \pm 2.2	9.5 \pm 2.5	7.5 \pm 1.7	7.9 \pm 1.9
Total Dissolved solid (mg/l)	612.4-837.5	674.2-974.0	642.4-945.5	623.8-805.6
	1635.3 \pm 35.2	824.1 \pm 42.5	793.4 \pm 37.3	714.7 \pm 31.7
Total hardness (mg CaCO ₃ /l)	434.2-488.7	412.5--495.4	382.1-432.6	436.5-494.2
	461.3 \pm 46.3	453.7 \pm 40.4	407.3 \pm 34.2	465.5 \pm 42.4
Chloride (mg/l)	45.8-96.9	56.5-179.7	51.0-118.4	648.8-185.4
	70.5 \pm 10.3	115.4 \pm 18.2	85.0 \pm 12.	116.6-19.7