

Table 3 Levels of heavy metals (in  $\mu\text{g/g}$ ) measured in zooplankton's at different stations within the Iraqi national waters (1-8)

Metals	Stations							
	1) Shatt Al-Basrah (n=5)	2) Khaur Al-Zubair (n=5)	3) Buoy 29 (n=4)	4) Buoy 13 (n=4)	5) Buoy 5 (n=4)	6) Al-Musab (n=4)	7) Ras Al-Bishah (n=4)	8) Al-Fao (n=4)
Cd	0.027 $\pm$ 0.185	0.264 $\pm$ 0.510	0.001 $\pm$ 0.090	0.129 $\pm$ 0.305	0.001 $\pm$ 0.110	0.001 $\pm$ 0.120	0.002 $\pm$ 0.105	0.017 $\pm$ 0.07
Co	1.32 $\pm$ 6.95	0.57 $\pm$ 4.58	1.25 $\pm$ 8.09	1.46 $\pm$ 16.83	1.21 $\pm$ 8.01	0.42 $\pm$ 2.29	1.91 $\pm$ 6.62	2.09 $\pm$ 10.41
Cu	6.09 $\pm$ 35.08	2.28 $\pm$ 46.98	0.01 $\pm$ 58.41	46.45 $\pm$ 108.53	24.48 $\pm$ 60.21	2.345 $\pm$ 47.77	5.76 $\pm$ 24.73	3.05 $\pm$ 19.85
Fe	1731 $\pm$ 9117	848 $\pm$ 6354	1118 $\pm$ 18113	3839 $\pm$ 13200	251 $\pm$ 11399	275 $\pm$ 5476	4265 $\pm$ 9730	1151 $\pm$ 15394
Hg	0.07 $\pm$ 0.402	0.19 $\pm$ 1.158	0.01 $\pm$ 1.24	0.53 $\pm$ 1.695	0.13 $\pm$ 1.105	0.01 $\pm$ 2.62	0.40 $\pm$ 1.10	0.03 $\pm$ 0.37
Ni	12.47 $\pm$ 53.6	4.86 $\pm$ 37.48	13.55 $\pm$ 64.93	0.72 $\pm$ 36.27	0.70 $\pm$ 60.55	1.23 $\pm$ 22.15	15.52 $\pm$ 40.15	6.87 $\pm$ 73.74
Pb	0.113 $\pm$ 0.85	0.451 $\pm$ 1.49	0.001 $\pm$ 1.02	0.140 $\pm$ 0.82	0.175 $\pm$ 0.700	0.001 $\pm$ 3.580	1.013 $\pm$ 2.000	0.040 $\pm$ 0.69
U <sup>235</sup>	76.81 $\pm$ 50.0	6.89 $\pm$ 30.96	0.01 $\pm$ 12.07	39.88 $\pm$ 81.11	0.43 $\pm$ 10.15	88.60 $\pm$ 156.55	88.60 $\pm$ 156.55	11.01 $\pm$ 30.52
Zn	1.81 $\pm$ 1040	534 $\pm$ 1861	20 $\pm$ 641	1072 $\pm$ 3331	24 $\pm$ 487	25 $\pm$ 577	168 $\pm$ 957	163 $\pm$ 696

Note: n =No. of samples