

Table 1 Monthly concentration of 17 β – Estradiol, Testosterone levels and GSI of female *L.carinata* in Suez bay

Months	F GSI \pm SE	17 β -Estradiol ng / ml	Testosterone ng / ml
Nov-12	7.056 \pm 0.729	0.199	29.7
Dec	8.883 \pm 0.867	0.102	30.5
Jan 2013	6.223 \pm 0.669	0.113	19.9
Feb	1.416 \pm 0.377	0.116	17.4
Mar	0.623 \pm 0.179	0.122	18.3
Apr	0.467 \pm 0.062	0.123	20.6
May	0.397 \pm 0.047	0.138	21.3
Jun	0.921 \pm 0.091	0.142	23.6
Jul	1.338 \pm 0.156	0.152	24.8
Aug	1.477 \pm 0.367	0.168	25.9
Sep	3.864 \pm 0.437	0.187	26.1
Oct	5.161 \pm 0.513	0.192	26.9