Supplementary Material

to the article "Rare earth elements in shells of Black Sea molluscs: Anomalies and biogeochemical implications"

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Table S1. Element contents in the certified reference material BCR-670: mean ± 95% confidence interval (in mg·kg^{-1} d.w.); recovery rates as 100 %·Observed / Certified; and relative errors as 100 %·(Observed—Certified) / Certified.

	Certified value	Observed value, n=5	Recovery rate, %	Relative error, %
Ce	0.99±0.04	0.85±0.09	86	–14
Dy	0.079±0.007	0.096±0.023	122	22
Er	0.044±0.0028	0.064±0.033	145	45
Eu	0.0232±0.0015	0.035±0.025	151	51
Gd	0.098±0.008	0.115±0.019	117	17
Ho	0.0158±0.0018	0.033±0.017	209	109
La	0.487±0.02	0.42±0.13	86	–14
Lu	0.0063±0.0005	0.010±0.006	159	59
Nd	0.473±0.015	0.47±0.11	99	–1
Pr	0.121±0.006	0.12±0.04	99	–1
Sc	0.191±0.011	0.16±0.05	84	–16
Sm	0.094±0.007	0.106±0.052	113	13
Tb	0.014±0.0011	0.025±0.017	179	79
Tm	0.0057±0.0007	0.009±0.004	158	58
Y	0.46±0.06	0.40±0.08	87	–13
Yb	0.040±0.004	0.058±0.017	145	45
Th	0.159±0.018	0.18±0.06	113	13
U	0.082±0.008	0.096±0.034	117	17

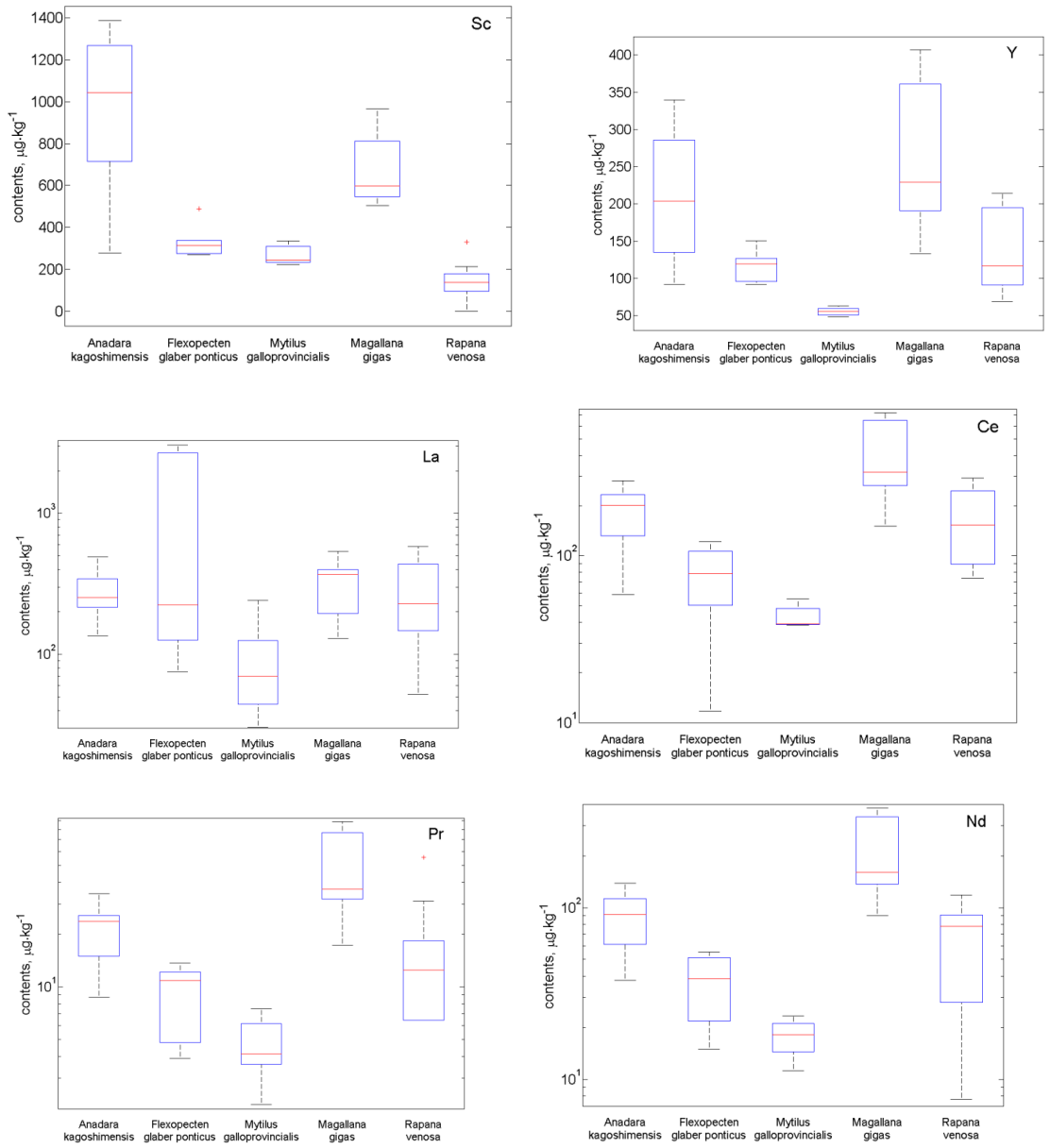
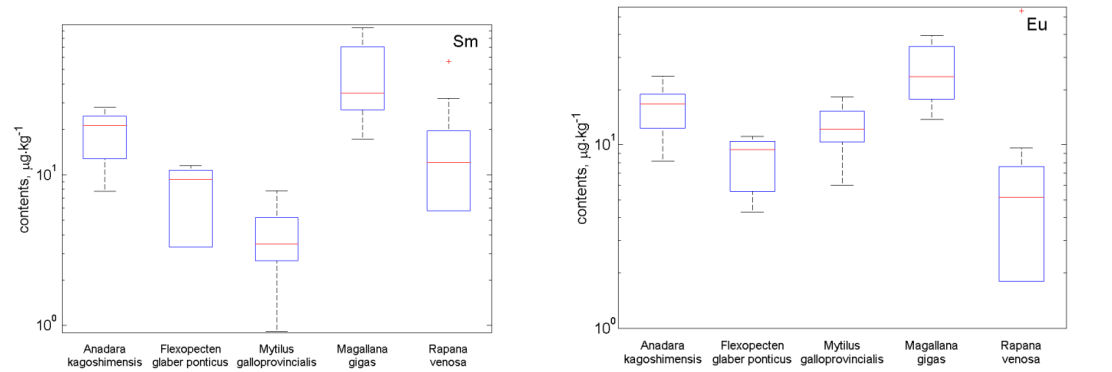


Figure S1. Boxplots of the rare earth element contents in shells of five molluscs from the Black Sea coast of Crimea.



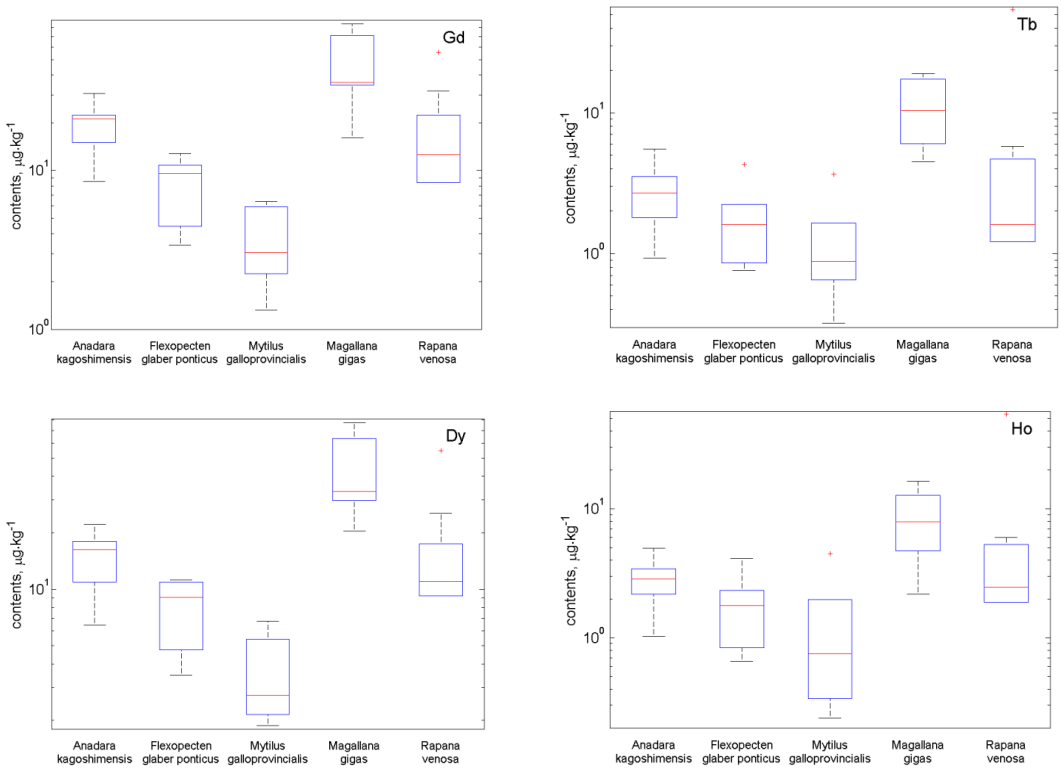


Figure S1. Continued.

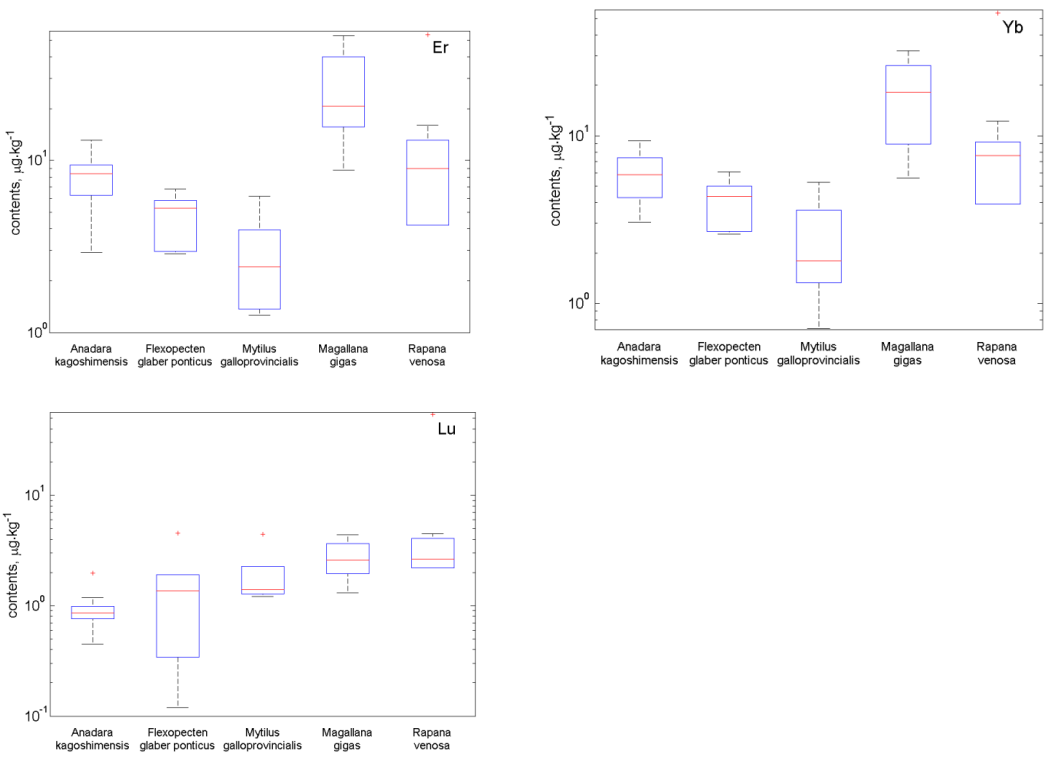


Figure S1. Continued.