

Supplementary material 5 for the article by Andrey N. Reshetnikov et al. “Rarely naturalized, but widespread and even invasive: the paradox of the popular pet terrapin expansion in Eurasia”.

Journal: NeoBiota.

Corresponding author: Andrey N Reshetnikov.

e-mail: anreshetnikov@yandex.ru

Table S3. Correlation matrix for ecological and other parameters of the red-eared slider *Trachemys scripta elegans* in water bodies of Europe **(a)**, East Asia **(b)** and West Asia **(c)**. Spearman Rank Order correlation coefficient was applied (MD pairwise deleted). Marked correlations (in **red**) are significant at $p < 0.05$. Details are provided in the Materials and Method section. Abbreviation: “synanthr” = synanthropy.

(a) – Europe

variables	latitude	longitude	date	synanthr	number	sizes	repro
latitude	1,000000	-0,059106	-0,109538	0,012295	-0,165990	0,025602	-0,437457
longitude	-0,059106	1,000000	0,467076	0,099151	-0,082476	-0,223576	-0,560758
date	-0,109538	0,467076	1,000000	0,113459	0,091140	-0,019897	-0,218632
synanthr	0,012295	0,099151	0,113459	1,000000	0,114560	-0,107866	-0,145849
number	-0,165990	-0,082476	0,091140	0,114560	1,000000	0,030148	0,211836
sizes	0,025602	-0,223576	-0,019897	-0,107866	0,030148	1,000000	-0,572540
repro	-0,437457	-0,560758	-0,218632	-0,145849	0,211836	-0,572540	1,000000

(b) – West Asia

variables	latitude	longitude	date	synanthr	number	sizes	repro
latitude	1,000000	-0,044262	0,071954	-0,251185	-0,218994	-0,365718	-0,284439
longitude	-0,044262	1,000000	-0,454224	-0,267891	-0,286855	-0,433457	0,200926
date	0,071954	-0,454224	1,000000	0,245624	0,222637	0,415107	-0,083203
synanthr	-0,251185	-0,267891	0,245624	1,000000	0,394667	0,190016	0,207860
number	-0,218994	-0,286855	0,222637	0,394667	1,000000	0,442252	0,084292
sizes	-0,365718	-0,433457	0,415107	0,190016	0,442252	1,000000	-0,679366
repro	-0,284439	0,200926	-0,083203	0,207860	0,084292	-0,679366	1,000000

(c) – East Asia

variables	latitude	longitude	date	synanthr	number	sizes	repro
latitude	1,000000	0,565918	-0,099198	0,126418	-0,018838	0,189159	0,108064
longitude	0,565918	1,000000	-0,290570	-0,024731	0,144895	0,301038	0,343388
date	-0,099198	-0,290570	1,000000	0,202989	0,017750	-0,138123	-0,669439
synanthr	0,126418	-0,024731	0,202989	1,000000	0,088336	0,137272	0,154676
number	-0,018838	0,144895	0,017750	0,088336	1,000000	-0,141246	0,288340
sizes	0,189159	0,301038	-0,138123	0,137272	-0,141246	1,000000	-0,866025
repro	0,108064	0,343388	-0,669439	0,154676	0,288340	-0,866025	1,000000