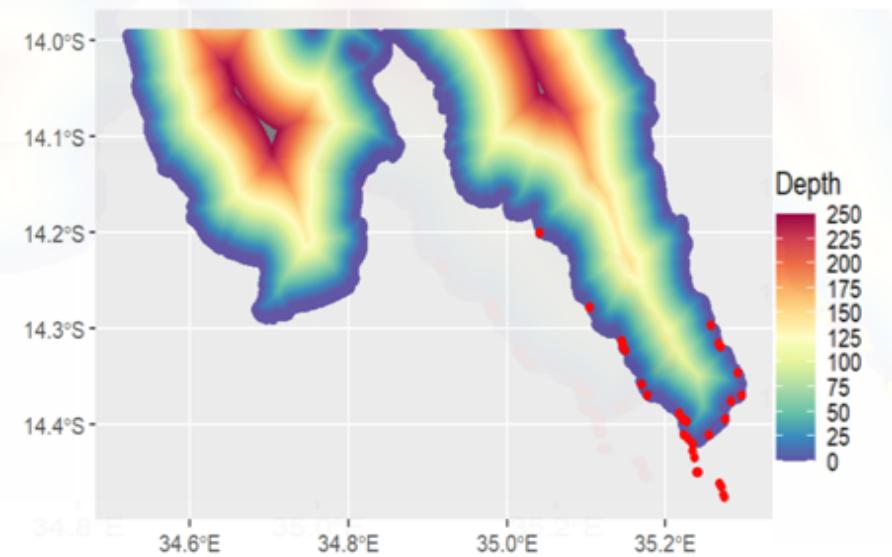


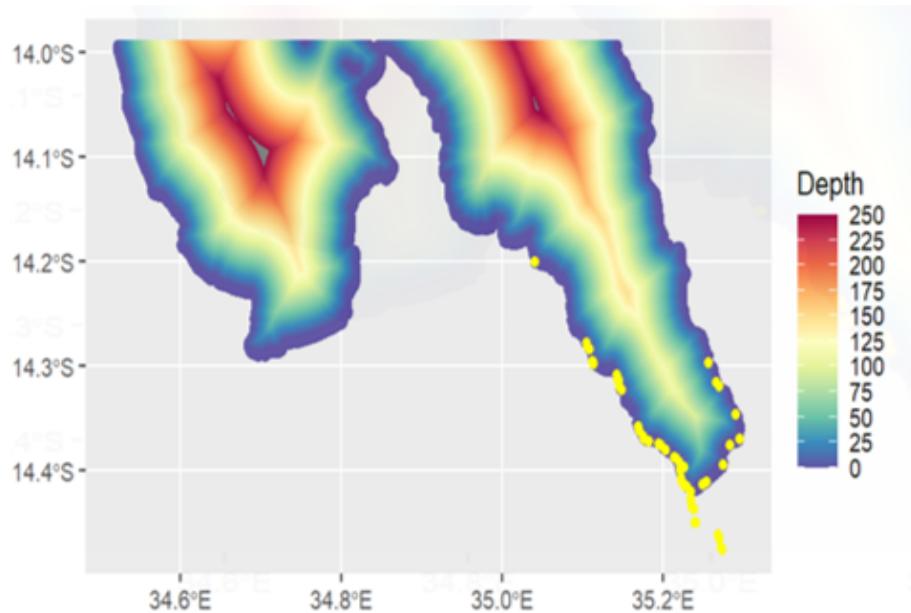
*Additional file 10: Supplementary information*

**Bathymetric data**

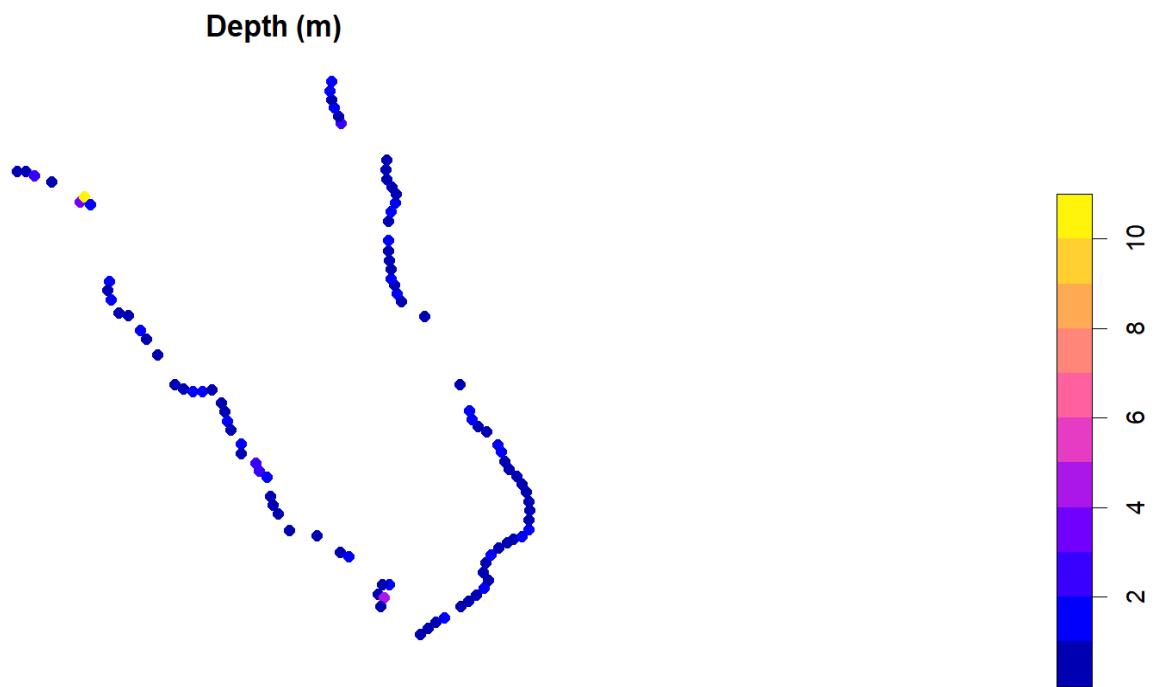
(a) *Biomphalaria* sp.



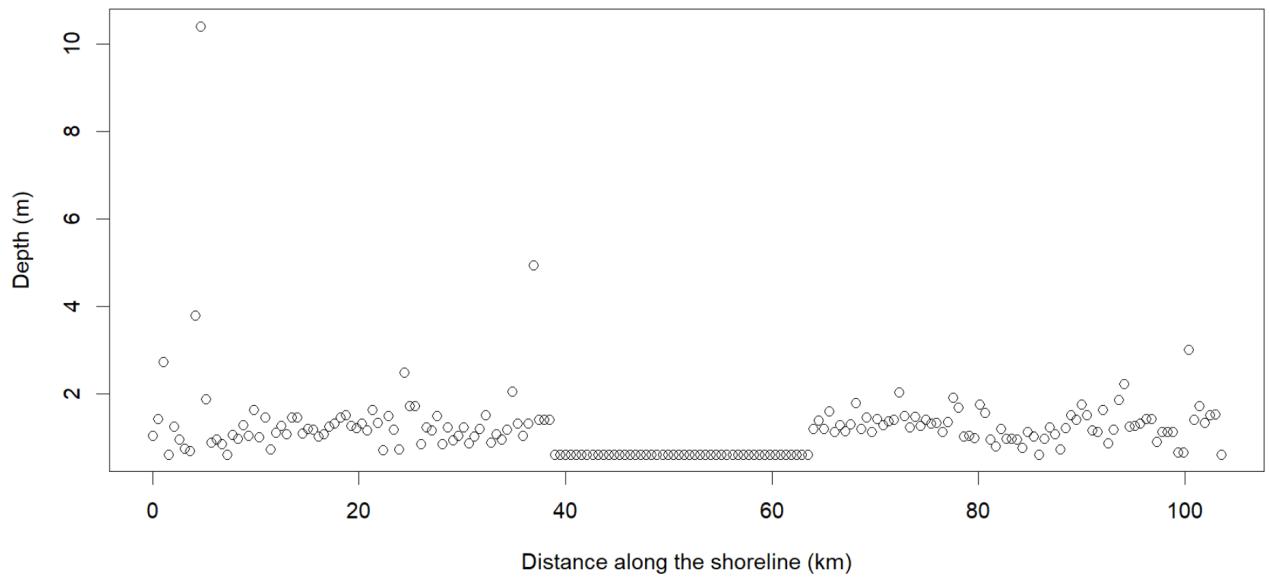
(b) *Bulinus* spp.



**Figure S1:** Bathymetric water depth (m) data for the shoreline with observed snails plotted a) *Biomphalaria* sp. b) *Bulinus* spp..



**Figure S2:** 2D plot of depth (m) extracted for the prediction points with 100km buffer.



**Figure S3:** Depth (m) against distance along (km) the shoreline with 100km buffer and fill in NAs for the shoreline.