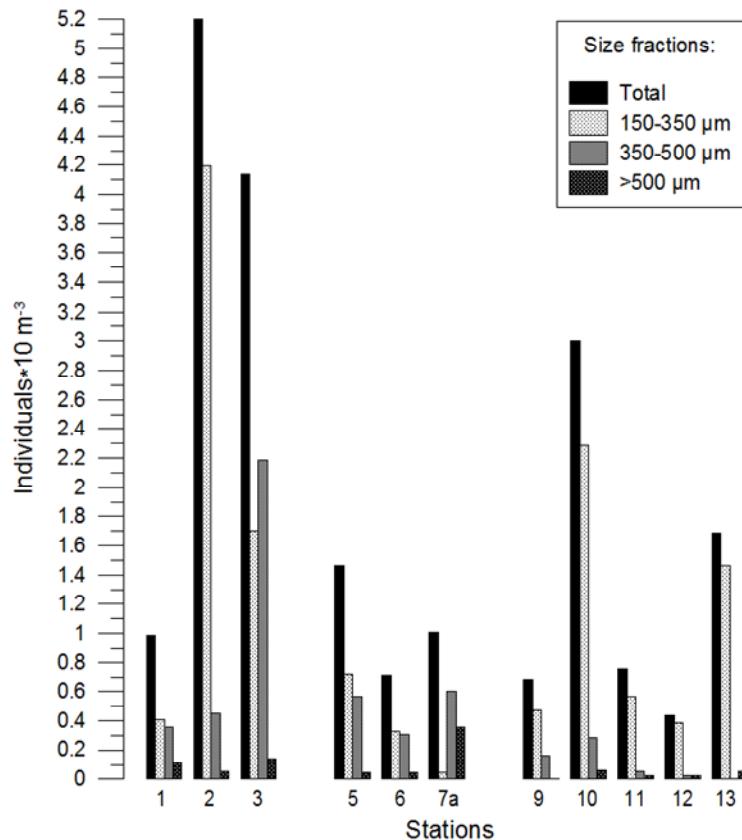
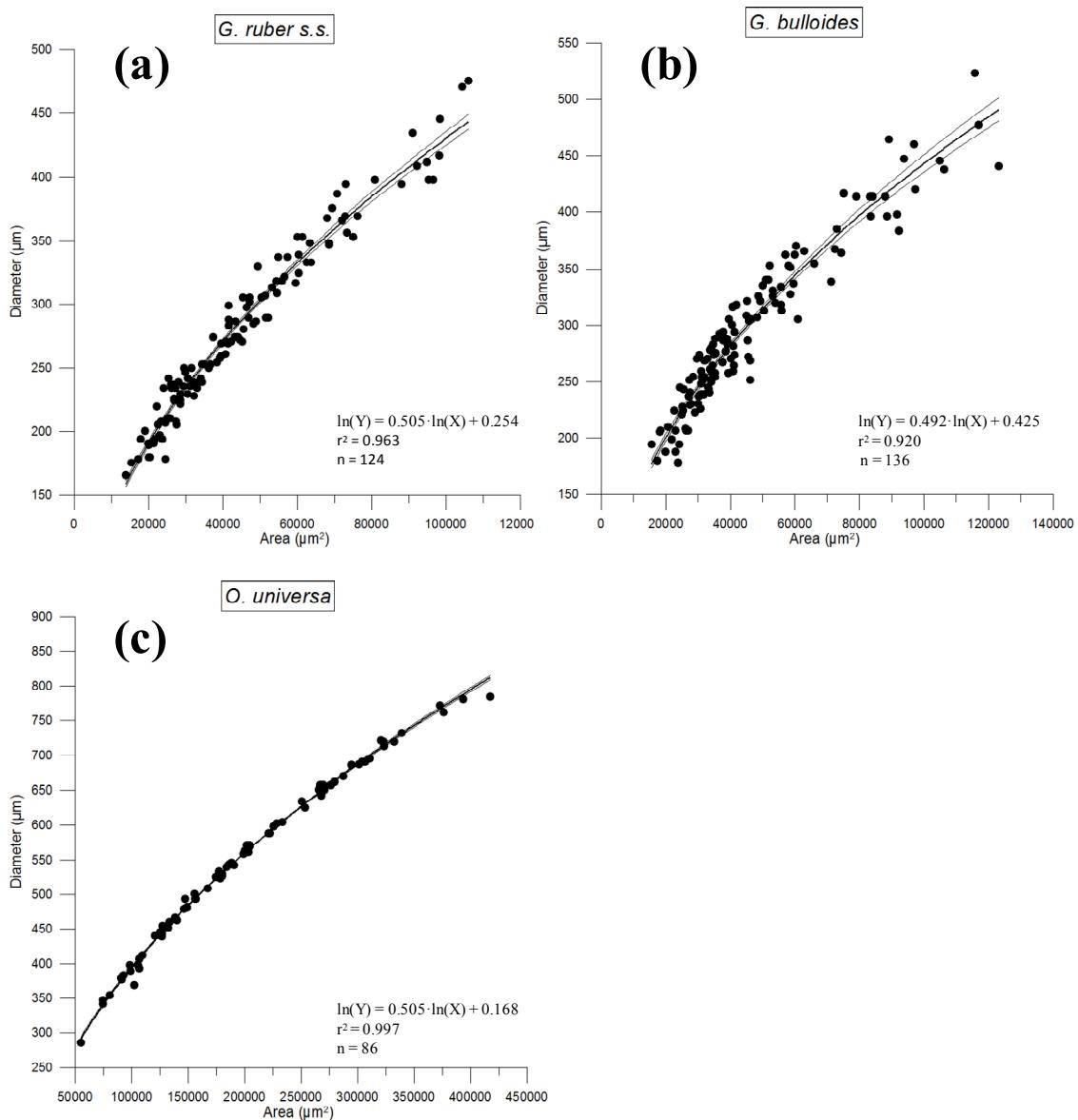


1 **Supplementary Material**

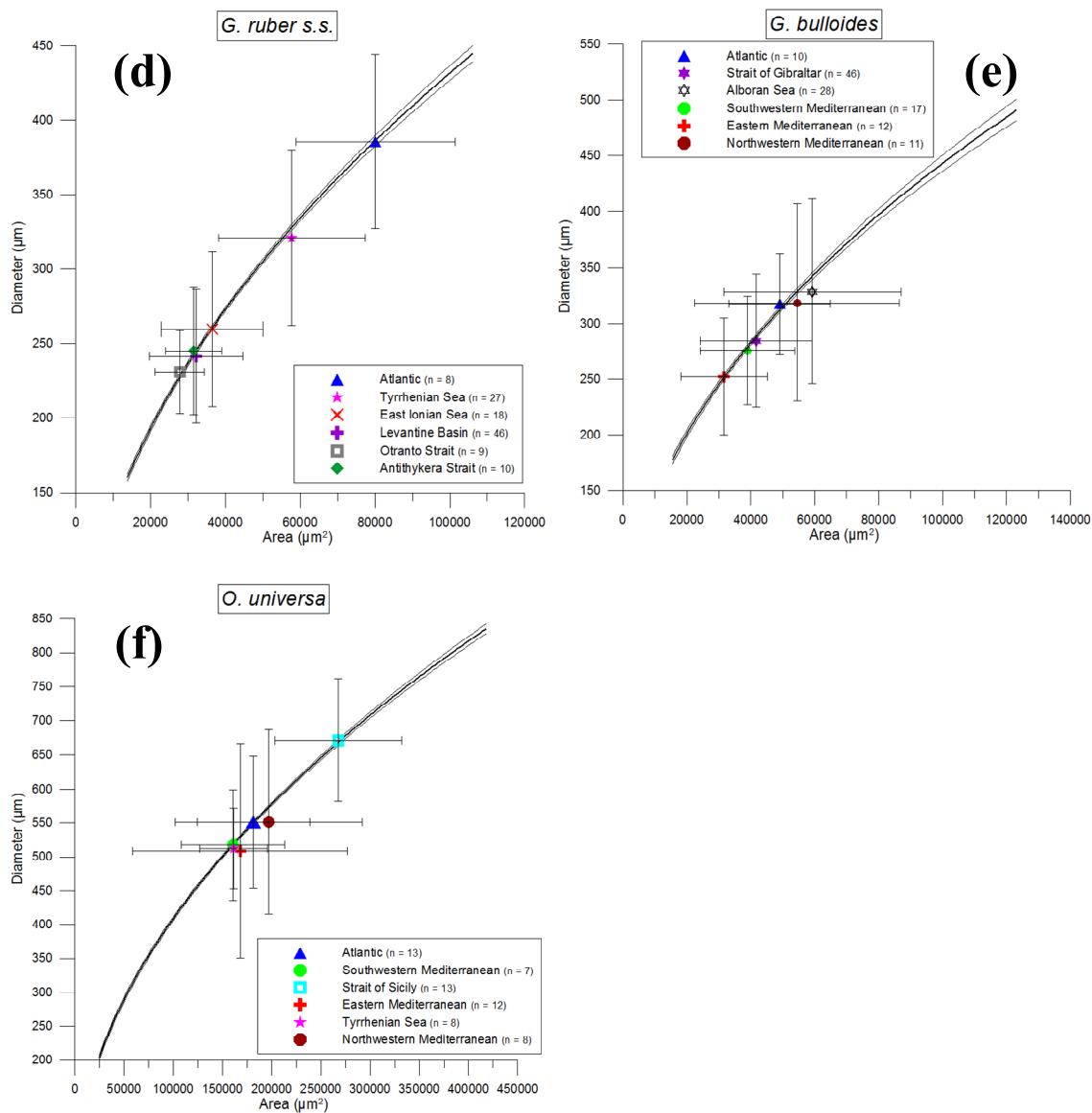


2

3 **Fig. S1.** Absolute abundance of planktic foraminifera from leg 1 by size fractions. Category 'Total' also
4 includes unknown individuals.

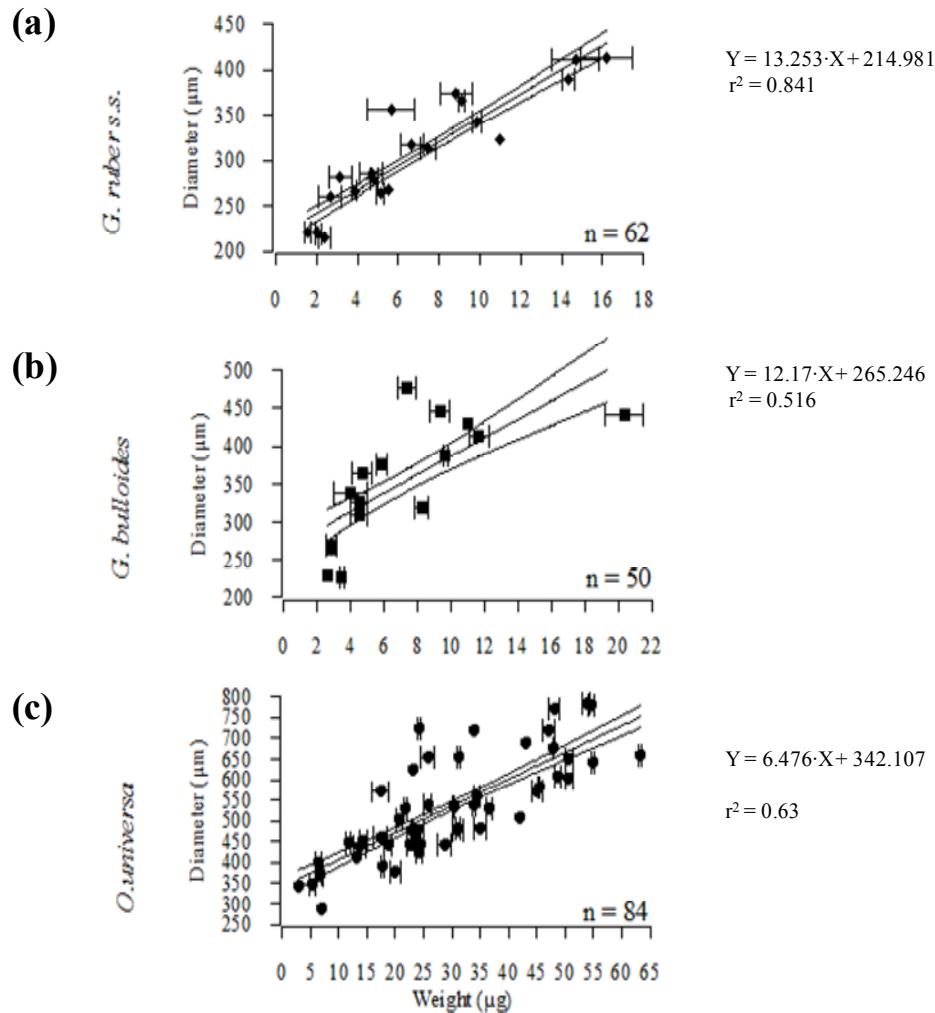


5
6 **Fig. S2.** Area and diameter relation for all the measured individuals of (a) *G. ruber s.s.*, (b) *G. bulloides*
7 and (c) *O. universa*. Thick line shows the power regression, thin lines show $\pm 1\sigma$ range, and n indicates the
8 sample size.



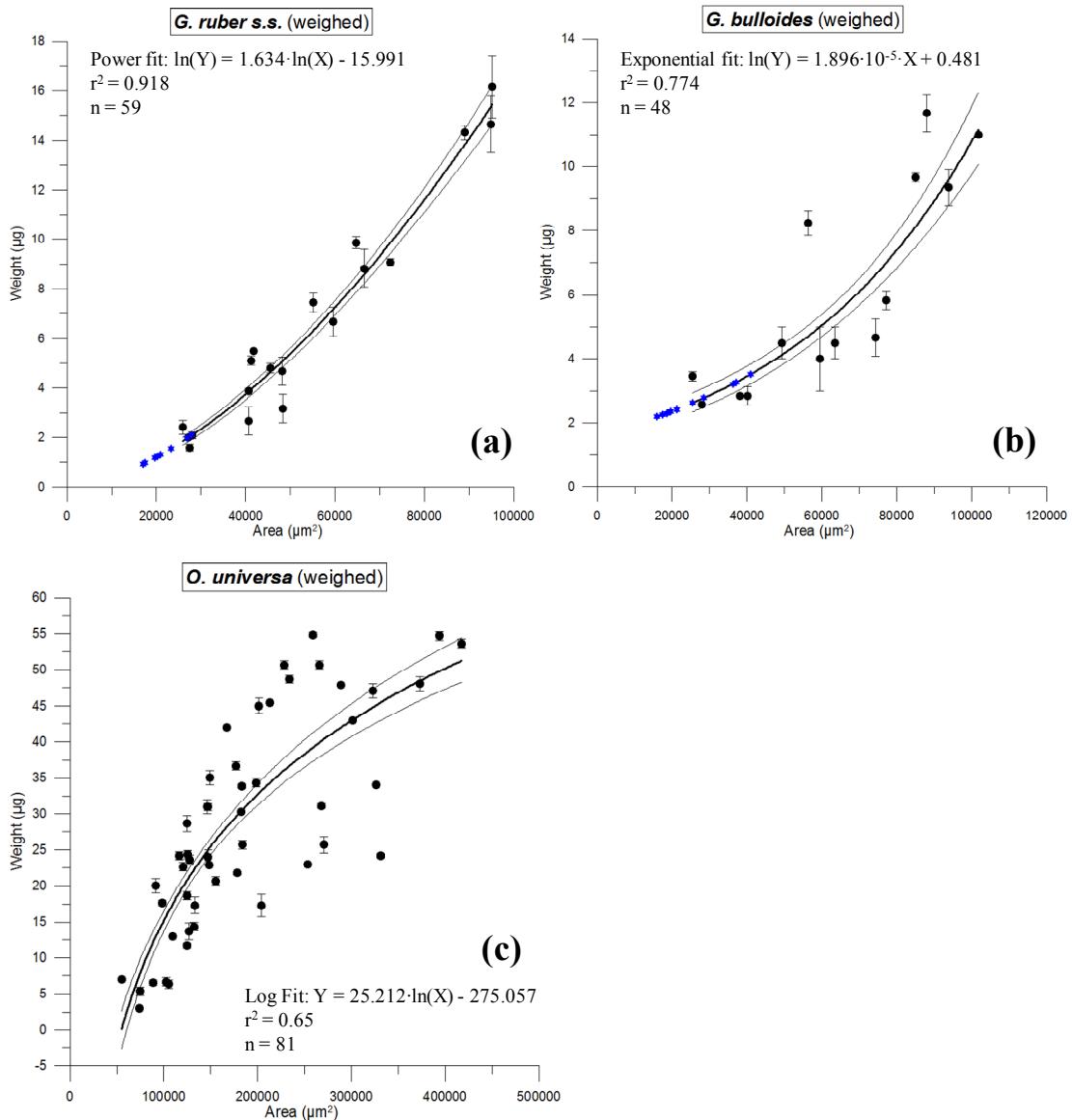
9
10

11 **Fig. S2.** (continued). Area and diameter relation of (d) *G. ruber s.s.*, (e) *G. bulloides* and (f) *O. universa*,
12 for the Mediterranean locations average values with their corresponding SD error bars.



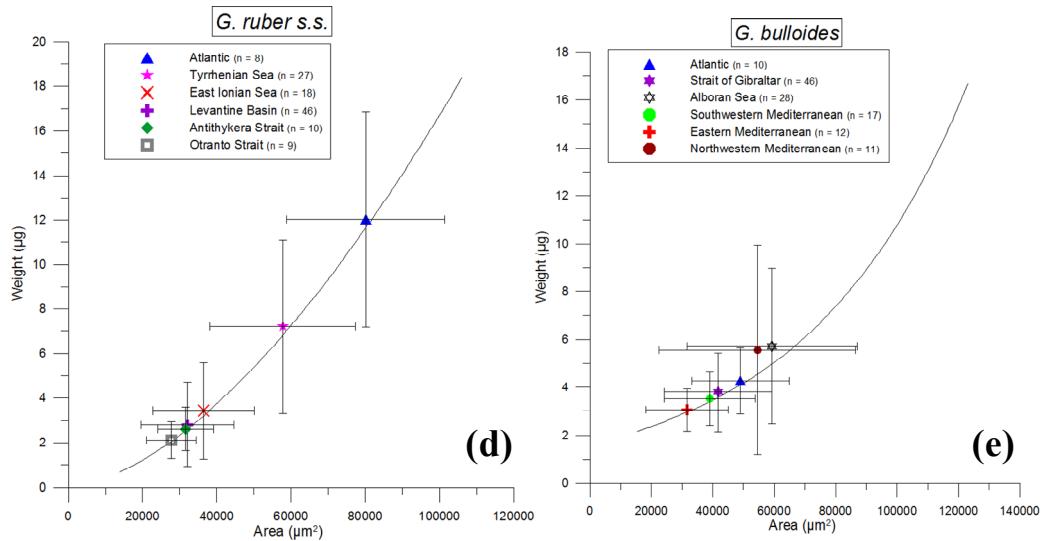
13
14

15 **Fig. S3.** Weight and diameter relation of (a) *G. ruber* s.s., (b) *G. bulloides* and (c) *O. universa*. Thick
16 lines show the linear regression, thin lines show $\pm 1\sigma$ range, and n indicates the sample size.



17

18 **Fig. S4.** Area and weight relation for all the weighed individuals of **(a)** *G. ruber s.s.*, **(b)** *G. bulloides* and
 19 **(c)** *O. universa*. Thick line shows the regression, thin lines show $\pm 1\sigma$ range, and n indicates the sample
 20 size. Blue stars in *G. ruber s.s.* and *G. bulloides* show the individuals not able to be weighted,
 21 extrapolated from their diameter size.



22

23 **Fig. S4.** (continued). Area and weight relation of (d) *G. ruber s.s.* and (e) *G. bulloides* for the
 24 Mediterranean locations average values with their corresponding SD error bars; except for *O. universa*
 25 due to a weak correlation in (c).