

Supplement of Biogeosciences, 14, 2245–2266, 2017
<http://www.biogeosciences.net/14/2245/2017/>
doi:10.5194/bg-14-2245-2017-supplement
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Supplement of

Low planktic foraminiferal diversity and abundance observed in a spring 2013 west–east Mediterranean Sea plankton tow transect

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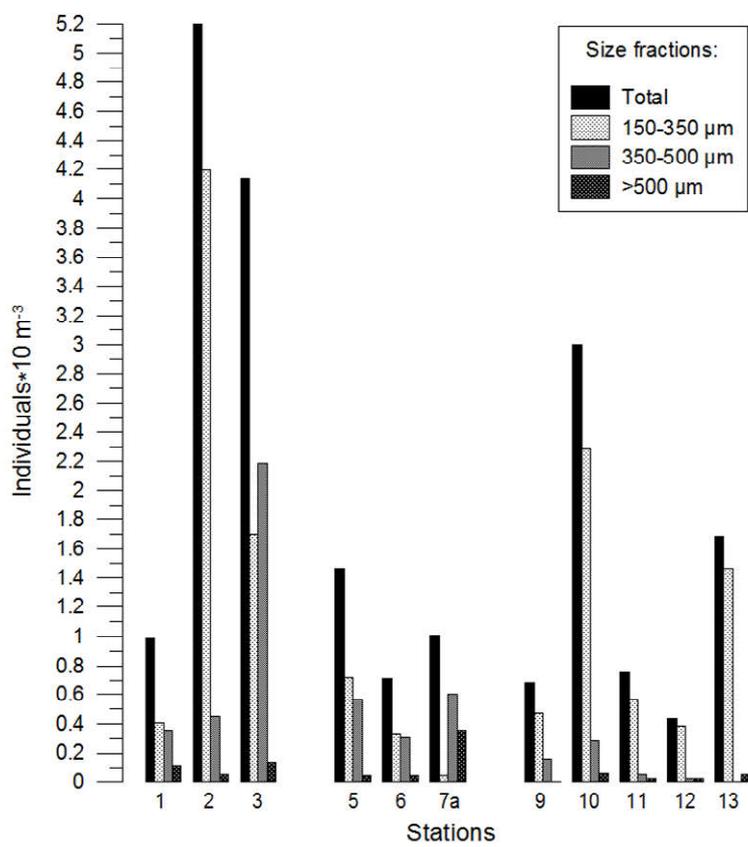


Fig. S1. Absolute abundance of planktic foraminifera from leg 1 by size fractions. Category 'Total' also includes unknown individuals.

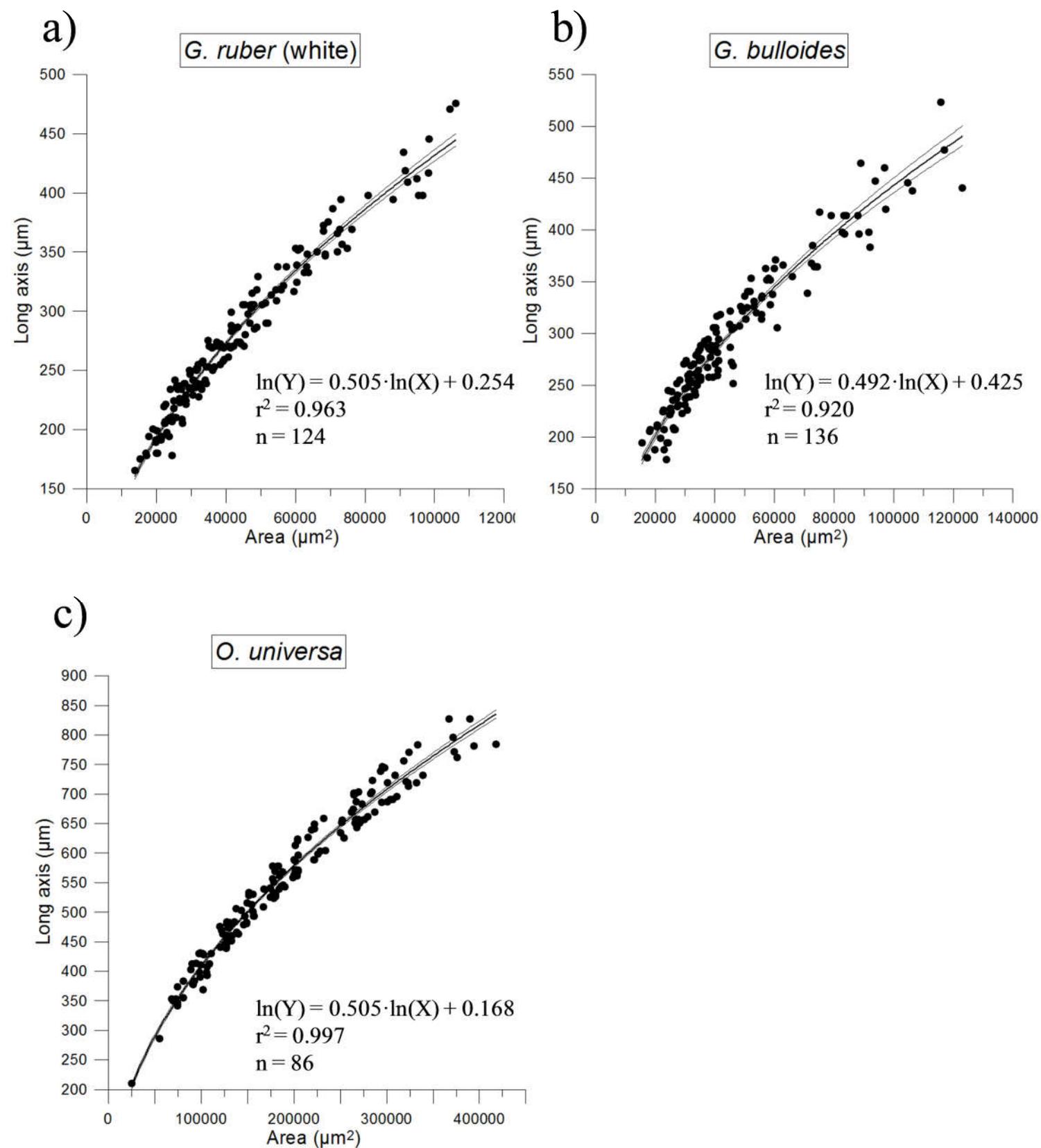


Fig. S2. Area and long axis relation for all the measured individuals of **(a)** *G. ruber* (white), **(b)** *G. bulloides* and **(c)** *O. universa*. Thick line shows the power regression, thin lines show $\pm 1\sigma$ range, and n indicates the sample size.

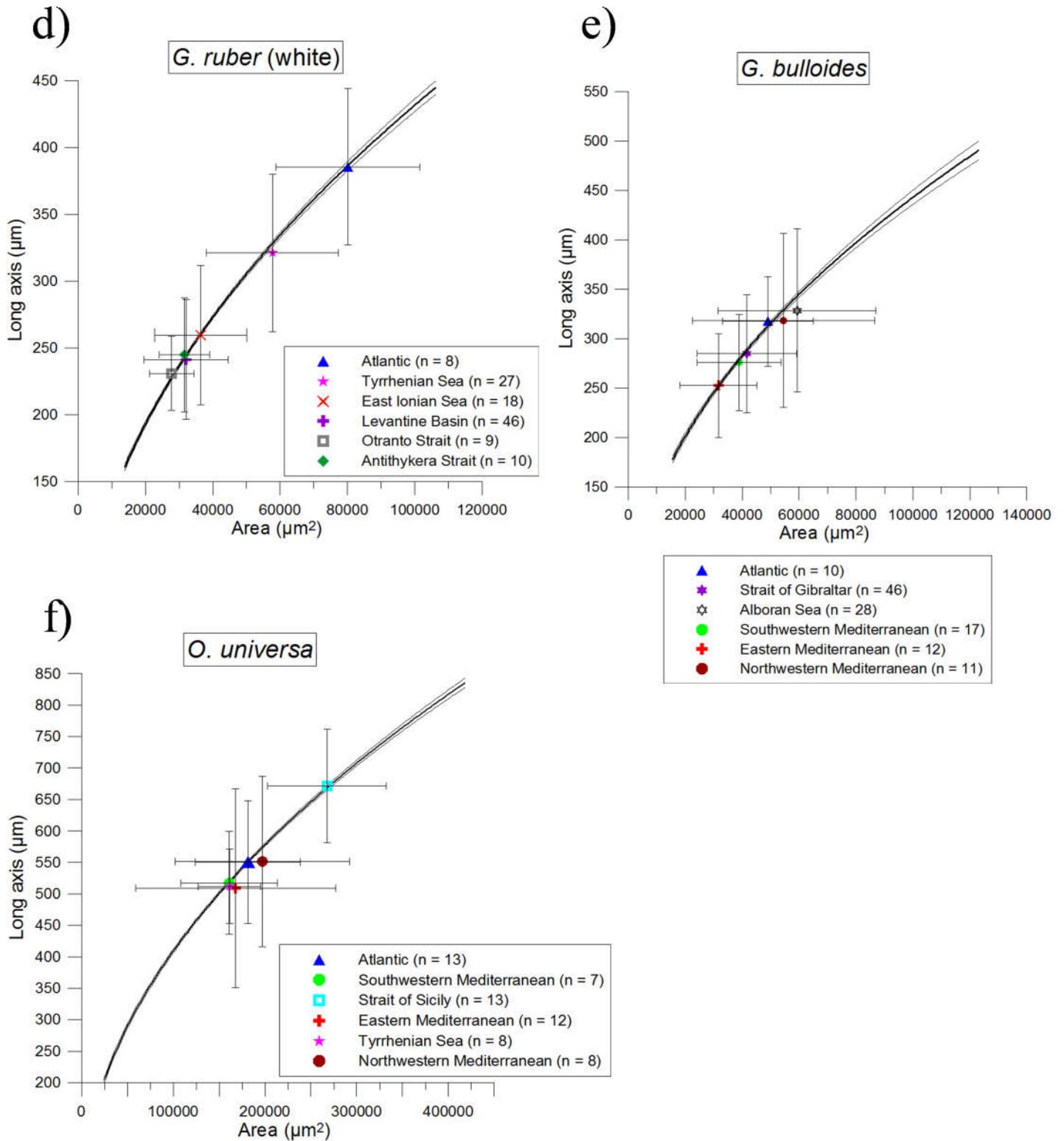


Fig. S2. (continued). Area and long axis relation of **(d)** *G. ruber* (white), **(e)** *G. bulloides* and **(f)** *O. universa*, for the Mediterranean locations average values with their corresponding SD error bars.

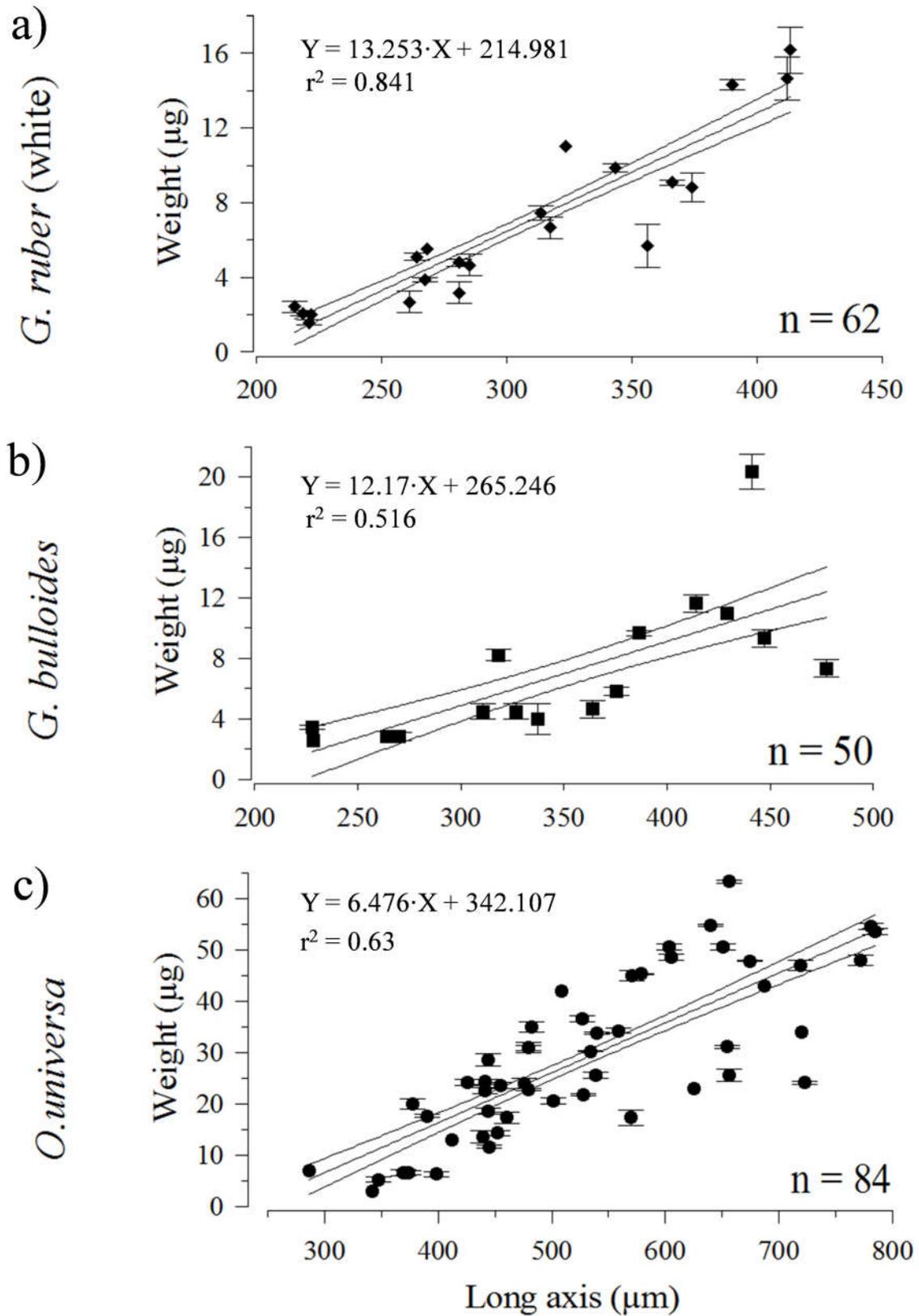


Fig. S3. Weight and long axis relation of (a) *G. ruber* (white), (b) *G. bulloides* and (c) *O. universa*. Thick lines show the linear regression, thin lines show $\pm 1\sigma$ range, and n indicates the sample size.

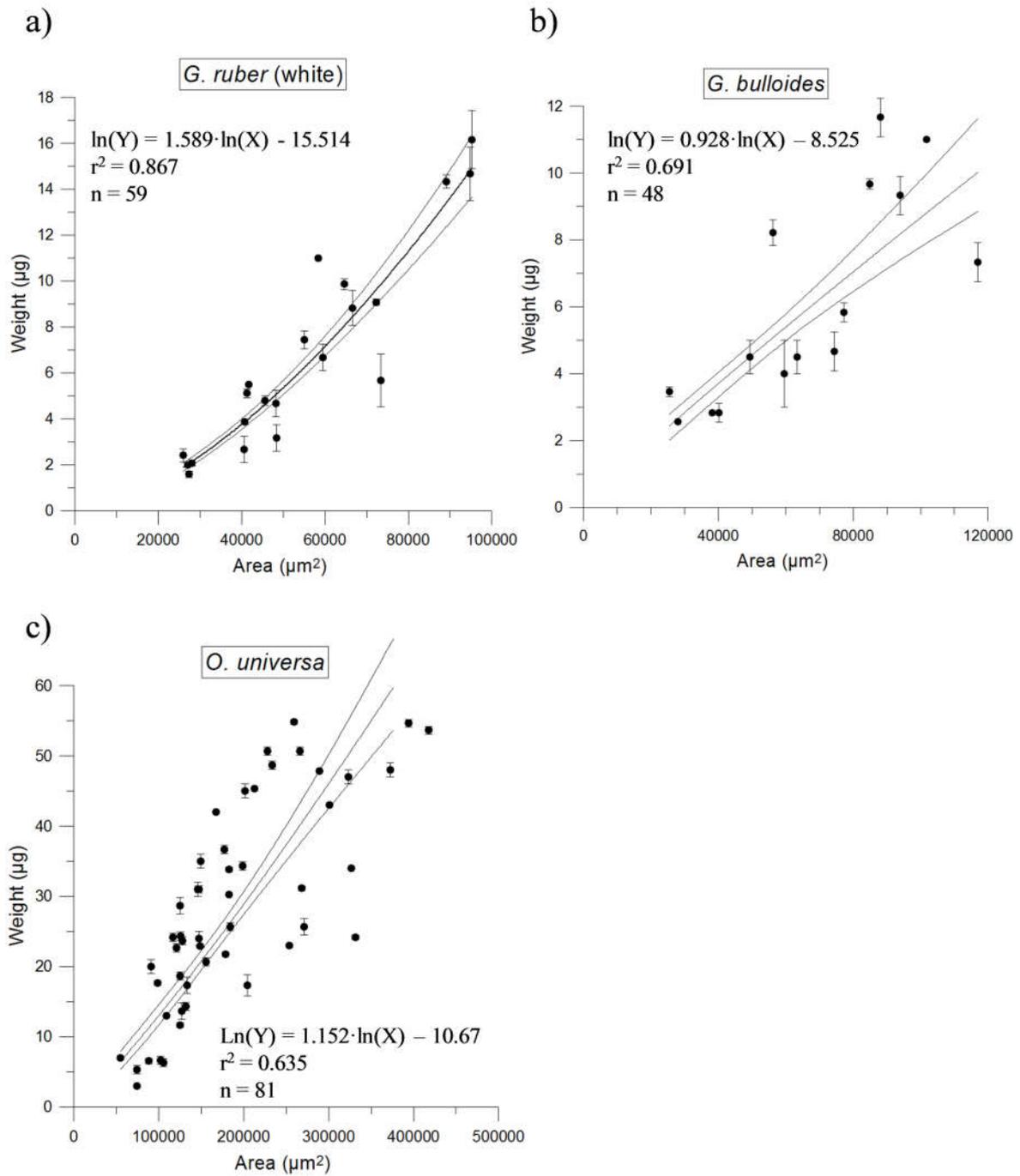


Fig. S4. Area and weight relation for all the weighed individuals of **(a)** *G. ruber* (white), **(b)** *G. bulloides* and **(c)** *O. universa*. Thick line shows the regression, thin lines show $\pm 1\sigma$ range, and n indicates the sample size.

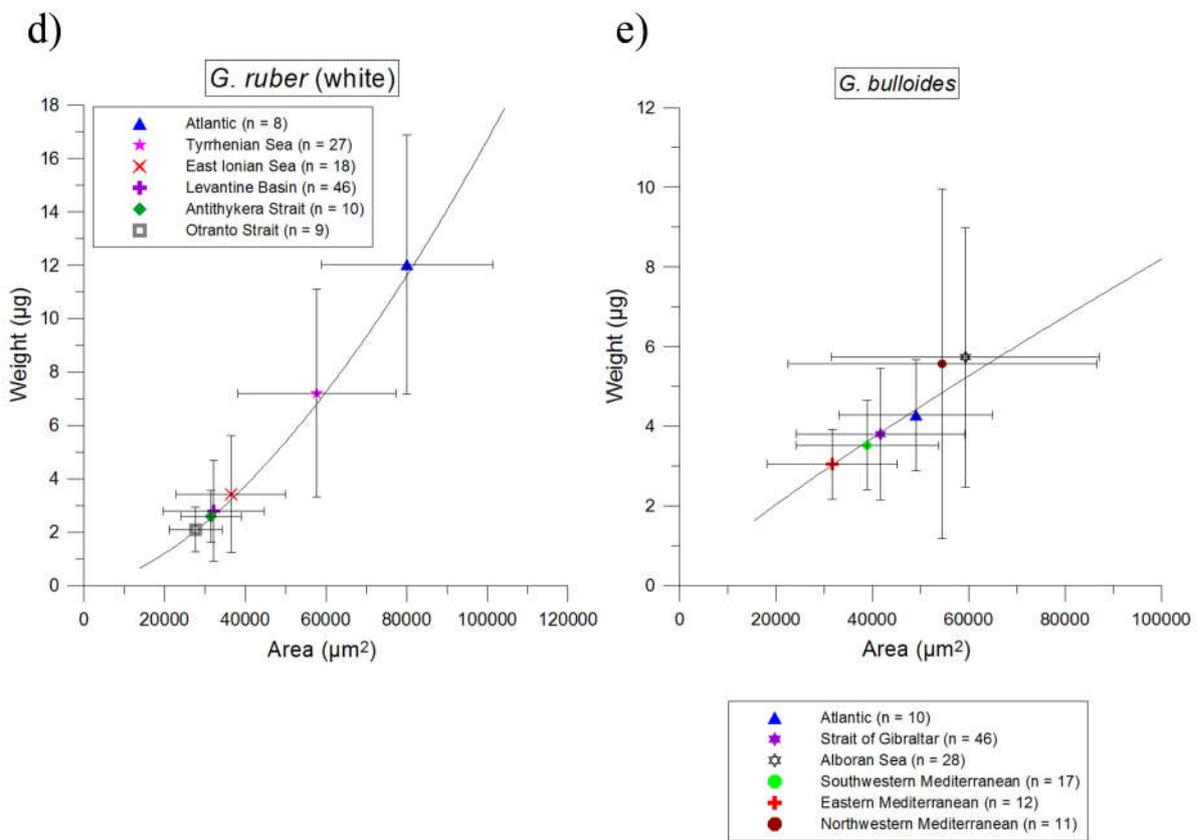


Fig. S4. (continued). Area and weight relation of **(d)** *G. ruber* (white) and **(e)** *G. bulloides* for the Mediterranean locations average values with their corresponding SD error bars.

Less food availability
Higher temp. ← Factor 1 → More food availability
Lower temp.

Lower pH ← Factor 2 → Higher pH

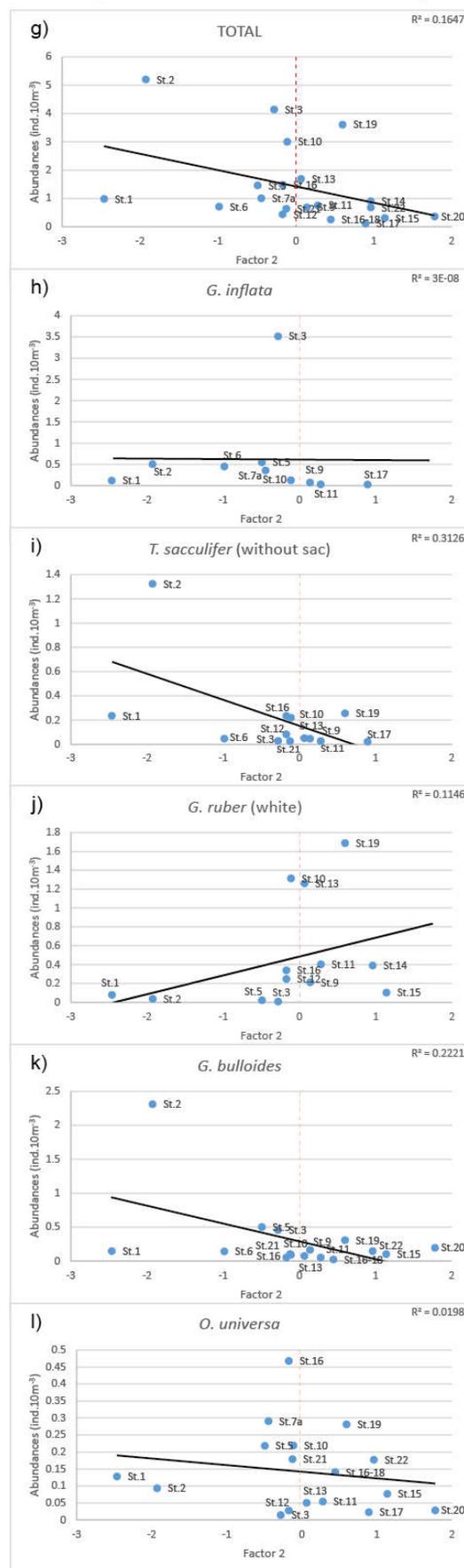
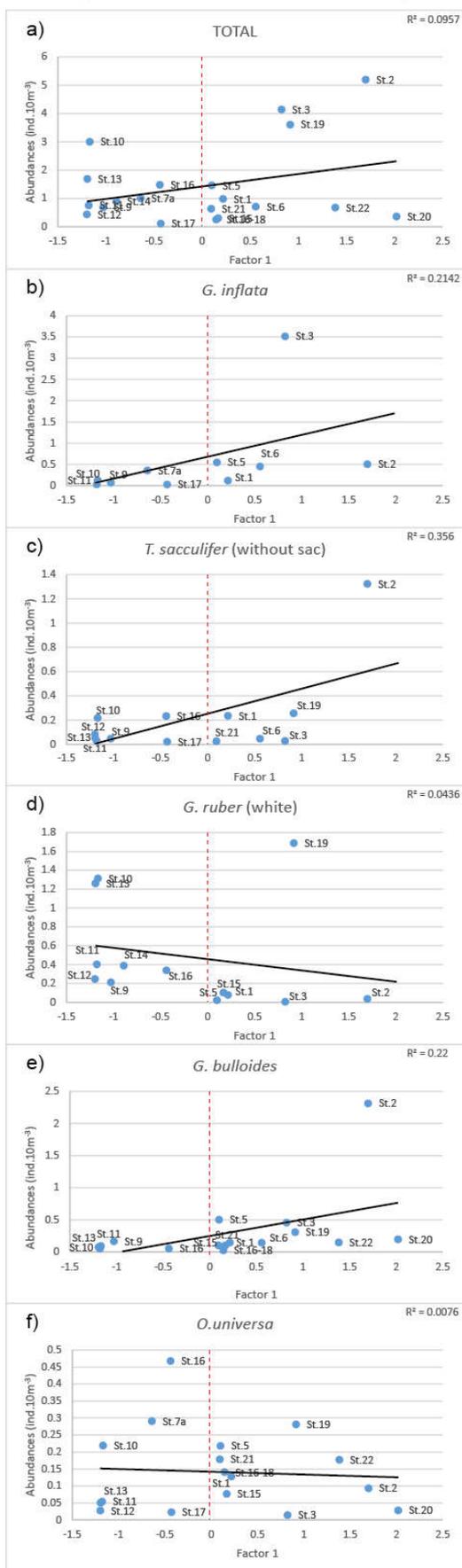


Fig. S5. Scatter plots between the PCA scores (Factor 1 on the left and Factor 2 on the right) and the total abundances (**a** and **g**), *G. inflata* (**b** and **h**), *T sacculifer* (without sac) (**c** and **i**), *G. ruber* (white) (**d** and **j**), *G. bulloides* (**e** and **k**) and *O. universa* (**f** and **l**). The red dotted lines show the zero of each factor.

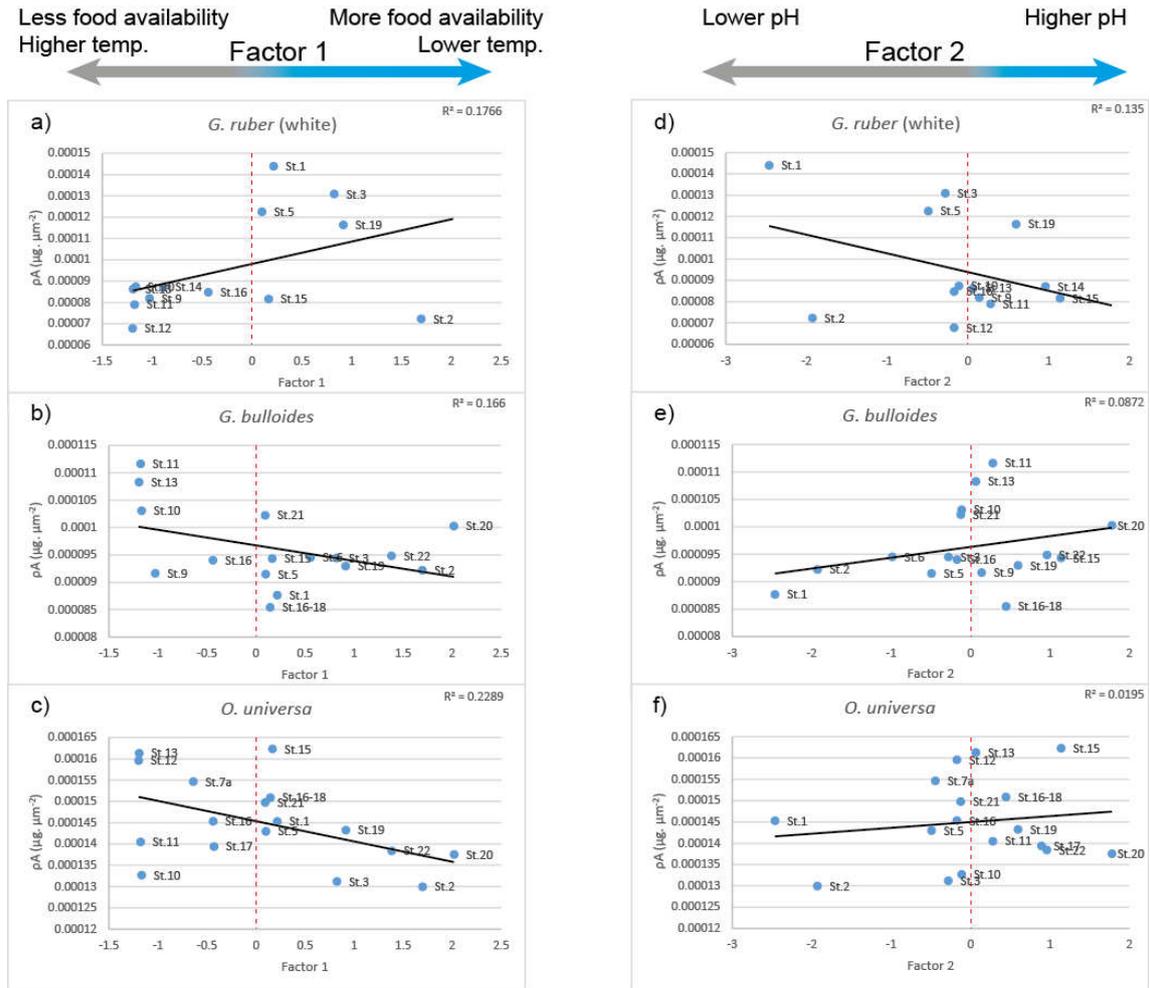


Fig S6. Scatter plots between the PCA scores (Factor 1 on the left and Factor 2 on the right) and the area density of *G. ruber* (white) (**a** and **d**), *G. bulloides* (**b** and **e**) and *O. universa* (**c** and **f**). The red dotted lines show the zero of each factor.