Supplementary Table 3: The linear regression equations for the different study sites and the shell dimensions of the individuals.

|  | **Study sites** | **Linear equation** | **R2** |
| --- | --- | --- | --- |
| Height inside the sediment - Height above sediment  | All study sites | y = 0.5978x + 9.4007 | 0.1641 |
| Crete | y = 2.2945x - 12.61 | 0.4914 |
| Attica | y = 2.881x - 18.661 | 0.625 |
| Chalkidiki |  -  |  - |
| Lesvos | y = 0.1908x + 9.1115 | 0.4708 |
| Karpathos | y = 0.5941x + 10.877 | 0.26 |
| Amvrakikos | y = -0.513x + 13.799 | 0.2309 |
| Greater width - Total height  | All study sites | y = 1.696x + 8.565 | 0.6436 |
| Crete | y = 3.5383x - 20.346 | 0.8835 |
| Attica | y = 3.5292x - 19.923 | 0.9112 |
| Chalkidiki |  -  |  - |
| Lesvos | y = 8.628x - 3.5956 | 0.6453 |
| Karpathos | y = 2.3778x - 4.6216 | 0.8684 |
| Amvrakikos | y = 2.3491x + 0.8066 | 0.8231 |