**Supplementary Table S2.** Imposex indices (I%: Percentage of imposex-affected females; RPLI: Relative Penis Size Index; VDSI: Vas Deferens Sequence Index) for samples of *Tritia reticulata* collected along 4 surveys, including summary statistics. VDSI values were first published by Ruiz *et al.* (2017).

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **2000 (n = 26)** |  | **2005 (n = 25)** |  | **2008 (n = 24)** |  | **2011 (n = 18)** |
| **Code** | **Site** |  | **I%** | **RPLI a**  | **VDSI** |  | **I%** | **RPLI** | **VDSI** |  | **I%** | **RPLI** | **VDSI** |  | **I%** | **RPLI** | **VDSI** |
| 1 | Maniños | b | 100 | 96.14 | 4.00 |  | 100 | 83.22 | 4.00 |  | 100 | 68.07 | 3.95 |  | 100 | 62.43 | 3.82 |
| 2 | Mugardos | b | 100 | 77.59 | 4.00 |  | 100 | 61.96 | 4.00 |  | 100 | 46.98 | 4.00 |  | 100 | 25.06 | 2.86 |
| 3 | Sada | b | 100 | 85.99 | 3.92 |  | 100 | 83.06 | 4.00 |  | 100 | 83.22 | 4.00 |  | 100 | 75.49 | 4.00 |
| 4 | Veigue | b | 100 | 25.69 | 1.62 |  | 100 | 26.81 | 2.64 |  | 100 | 8.14 | 1.50 |  | 27 | 0.73 | 0.40 |
| 5 | Mera | b | 100 | 70.49 | 4.00 |  | 100 | 66.14 | 4.00 |  | 100 | 21.15 | 3.40 |  | 67 | 1.41 | 1.17 |
| 6 | Sta. Cristina | b | 100 | 86.46 | 4.00 |  | 100 | 68.85 | 4.00 |  | 100 | 66.64 | 4.00 |  | 100 | 36.88 | 3.29 |
| 7 | Oza |  | 100 | 90.87 | 4.00 |  | 100 | 75.29 | 4.00 |  | 100 | 64.85 | 4.00 |  | - | - | - |
| 8 | San Antón | b | 100 | 108.46 | 4.00 |  | 100 | 79.38 | 4.00 |  | 100 | 74.00 | 4.00 |  | 100 | 72.83 | 3.67 |
| 9 | Fogareiro | b | 100 | 14.69 | 1.00 |  | 100 | 7.49 | 1.57 |  | 60 | 1.96 | 1.00 |  | 25 | 0.17 | 0.40 |
| 10 | Muros |  | 100 | 35.86 | 2.50 |  | 100 | 58.31 | 3.89 |  | 42 | 2.19 | 0.92 |  | - | - | - |
| 11 | Creo | b | 100 | 92.26 | 3.14 |  | 100 | 9.31 | 1.86 |  | 100 | 11.55 | 2.33 |  | 86 | 0.57 | 1.29 |
| 12 | Freixo |  | 100 | 49.37 | 2.29 |  | 100 | 20.94 | 2.63 |  | 100 | 7.07 | 2.00 |  | - | - | - |
| 13 | Mamullo | b | 100 | 19.27 | 1.50 |  | 83 | 4.35 | 1.33 |  | 36 | 0.54 | 0.55 |  | 27 | 0.15 | 0.36 |
| 14 | Ribeira | b | 100 | 85.69 | 4.00 |  | 100 | 53.74 | 4.00 |  | 100 | 11.37 | 2.60 |  | 47 | 5.29 | 1.44 |
| 15 | Rianxo |  | 100 | 28.46 | 1.75 |  | 100 | 36.07 | 2.89 |  | 67 | 5.95 | 1.22 |  | - | - | - |
| 16 | Vilagarcía | b | 100 | 20.99 | 1.19 |  | 100 | 9.44 | 1.81 |  | 100 | 1.96 | 1.80 |  | 64 | 0.73 | 1.00 |
| 17 | A Toxa | b | 100 | 33.02 | 2.36 |  | 100 | 13.03 | 2.33 |  | 80 | 3.65 | 1.60 |  | 38 | 1.28 | 0.63 |
| 18 | Sanxenxo | b | 100 | 63.87 | 3.78 |  | 100 | 50.09 | 3.95 |  | 93 | 10.76 | 2.73 |  | 26 | 1.13 | 0.53 |
| 19 | Poio |  | 100 | 84.34 | 4.00 |  | 100 | 60.05 | 3.92 |  | - | - | - |  | - | - | - |
| 20 | Marín | b | 100 | 64.27 | 4.00 |  | 100 | 63.04 | 4.00 |  | 100 | 46.35 | 4.00 |  | 100 | 6.57 | 2.31 |
| 21 | Cangas | b | 100 | 77.35 | 3.95 |  | 100 | 70.70 | 4.00 |  | 100 | 27.78 | 3.14 |  | 100 | 7.14 | 2.00 |
| 22 | San Simón |  | 100 | 62.02 | 3.90 |  | - | - | - |  | - | - | - |  | - | - | - |
| 23 | Rande | b | 100 | 80.43 | 4.00 |  | 100 | 66.73 | 4.00 |  | 100 | 36.89 | 3.50 |  | 100 | 13.48 | 2.58 |
| 24 | Bouzas |  | 100 | 82.25 | 3.84 |  | 100 | 92.44 | 4.00 |  | 100 | 77.49 | 4.00 |  | - | - | - |
| 25 | Samil |  | 100 | 35.95 | 2.67 |  | 100 | 44.45 | 4.00 |  | 100 | 2.47 | 1.91 |  | - | - | - |
| 26 | Canido | b | 100 | 68.19 | 3.63 |  | 100 | 69.40 | 4.00 |  | 100 | 60.11 | 4.00 |  | 88 | 3.45 | 1.50 |
| Mean |  | 100 | 63.08 | 3.19 |  | 99 | 50.97 | 3.39 |  | 91 | 30.88 | 2.76 |  | 72 | 17.49 | 1.85 |
| Standard deviation |  | 0 | 27.70 | 1.05 |  | 3 | 27.26 | 0.93 |  | 19 | 29.42 | 1.21 |  | 32 | 26.24 | 1.26 |
| Maximum |  | 100 | 108.46 | 4.00 |  | 100 | 92.44 | 4.00 |  | 100 | 83.22 | 4.00 |  | 100 | 75.49 | 4.00 |
| Minimum |  | 100 | 14.69 | 1.00 |  | 83 | 4.35 | 1.33 |  | 36 | 0.54 | 0.55 |  | 25 | 0.15 | 0.36 |

a : RPLI values for this 2000 survey were first published by Ruiz *et al.* (2005). They are recalculated here for homogeneity with other surveys, see text for full details.

b : Butyltin tissue concentrations were repeatedly determined in these 18 sites, see Ruiz *et al.* (2015).