**Supporting Information**

**Diet of the White Stork (*Ciconia ciconia*) in a heterogeneous Mediterranean landscape: the importance of the invasive Red Swamp Crayfish (*Procambarus clarkii*)**

**Dieta da Cegonha-branca (*Ciconia ciconia*) numa paisagem Mediterrânica heterogénea: a importância de uma espécie invasora, o Lagostim-vermelho-da-Louisiana (*Procambarus clarkii*)**

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Table S1. Mean individual weight (g) of the main prey items identified in the diet of the White Stork (*Ciconia ciconia*) adopted from bibliography and used to calculate percentage of consumed biomass (PB). For lagomorphs NI, *Rattus* spp. and Anatidae NI we used average weights of juvenile’s individuals to avoid the impact of occasional large prey items on the estimation of biomass.

Tabela S1. Peso médio individual (g) das principais presas identificadas na dieta da Cegonha-branca (*Ciconia ciconia*) adoptados da bibliografia e usadas para calcular a percentagem de biomassa consumida (PB). Para os lagomorfos NI, *Rattus* spp. e Anatidae NI foram atribuídos pesos médios de indivíduos juvenis para evitar o impacto de presas ocasionais de grandes dimensões no cálculo da biomassa.

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| **Prey items** | **Mean individual weight (g)** | **Reference** |
| *Procambarus clarkii* | 9.16 | Mean weight of crayfish consumed by the White Stork adapted from Correia 2001. |
| Coleopterans | 2.00 | Mean weight of coleopterans used in dietary studies in the Iberian Peninsula (Gigirey et al. 2004, Petronilho & Vingada 2002). |
| Orthopterans | 3.50 | Mean weight of *Gryllotalpa gryllotalpa*, the only orthopteran species identified, adapted from Rodríguez et al. (2010). |
| Other insects | 3.00 | Average of the weight values assigned to coleopterans and orthopterans prey items. |
| Lagomorpha NI (*Oryctolagus cuniculus, Lepus granatensis*) | 250.00 | Mean weight of juveniles of lagomorphs identified in dietary reports across Portugal (Rui Lourenço pers.com). |
| *Apodemus sylvaticus* | 26.00 | Mean weight adapted from Palomo et al. (2007). |
| *Microtus* spp. | 32.00 | Mean weight of the *Microtus* species found in the study area (authors’ unpubl. data), adapted from Palomo et al. (2007). |
| *Rattus* spp. | 135.50 | Mean weight of juveniles of *Rattus* species identified in dietary reports across Portugal (Rui Lourenço pers.com). |
| *Mus* spp. | 19.00 | Mean weight of the *Mus* species found in the study area (authors’ unpubl. data), adapted from Palomo et al. (2007). |
| Rodentia NI | 26.00 | Average of the weight of all prey items belonging to the order Rodentia, except the genus *Rattus*. |
| *Crocidura russula* | 11.00 | Mean weight adapted from Palomo et al. (2007). |
| *Talpa occidentalis* | 50.00 | Mean weight adapted from Palomo et al. (2007). |
| Insectivora NI | 31.00 | Average of the weight of all prey items belonging to the order Insectivora. |
| Colubridae NI | 40.00 | Mean weight of *Natrix* species adapted from Alves (2009). |
| *Psammodromus* spp. | 5.60 | Mean weight of a *Psammodromus* species adapted from Ribeiro (2006). |
| Other reptiles | 22.80 | Average of the weight of all prey items belonging to the class Reptilia. |
| Anatidae NI | 150.00 | Mean weight of a juveline *Anas platyrhynchos* adapted from Kosicki et al. (2006). |

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