**Supplementary material 1.** Antigens of the genus *Leptospira* sp. used in the microscopic agglutination test in *Phaethon aethereus*, *Sula leucogaster*, *S. dactylatra*, *Pterodroma arminjoniana*, and *Thalassarche chlororhynchos* sampled in southwestern Atlantic Ocean. Antigens are listed according to species, serogroup, serovar and strain

| **Species** | **Serogroup** | **Serovar** | **Strain** |
| --- | --- | --- | --- |
| ***Leptospira interrogans*** | **Australis** | **Australis** | Ballico |
| **Autumnalis** | **Autumnalis** | Akyiami |
| **Bataviae** | **Bataviae** | Van Tienem |
| **Australis** | **Bratislava** | Jez Bratislava |
| **Canicola** | **Canicola** | Hond Utrecht IV |
| **Icterohaemorrhagiae** | **Copenhageni** | M-20 |
| **Icterohaemorrhagiae** | **Icterohaemorrhagiae** | RGA |
| **Sejroe** | **Hardjoprajitno** | Hardjoprajitno |
| **Hebdomadis** | **Hebdomadis** | Hebdomadis |
| **Pomona** | **Pomona** | Pomona |
| **Pyrogenes** | **Pyrogenes** | Salinem |
| **Djasiman** | **Sentot** | Sentot |
| ***L. borgpetersenii*** | **Ballum** | **Castellonis** | Castellon -3 |
| **Sejroe** | **Hardjobovis** | Sponselee |
| **Javanica** | **Javanica** | VeldradtBataviae - 46 |
| **Tarassovi** | **Tarassovi** | Perepelitsin |
| **Celledoni** | **Whitcombi** | Whitcombi |
| ***L. kirschneri*** | **Cynopteri** | **Cynopteri** | 3522C |
| **Grippotyphosa** | **Grippotyphosa** | Moskva-V |
| **Autumnalis** | **Butembo** | Butembo |
| ***L. santarosai*** | **Sejroe** | **Guaricura** | BOV- 6 |
| **Shermani** | **Shermani** | 1342-K |
| ***L. noguchi*** | **Panama** | **Panama** | CZ -214 |



**Supplementary material 2.** Number of individuals of *Phaethon aethereus*, *Sula leucogaster*, *Sula dactylatra*, *Pterodroma arminjoniana*, and *Thalassarche chlororhynchos* sampled in southwestern Atlantic Ocean, according to species and anti-*Toxoplasma gondii* antibody titration using Modified Agglutination Test (MAT), Cut-off = 1:5