List of references, as numbered in trait\_matrix\_refs.xlsx

1. Handbook of the Birds of the World alive. [Www.hbw.com](http://Www.hbw.com/)
2. Prater, A J., Marchant, J.H., Vuorinen, J. (1977) *Guide to the identification and ageing of Holarctic waders*. BTO Guide 17. British Trust for Ornithology: Tring, UK.
3. Hayman, P., Marchant, J., Prater, T. (1986). *Shorebirds: an identification guide*. Christopher Helm, London, UK.
4. Piersma, T., van Gils, J. A. (2011) *The Flexible Phenotype*. Oxford University Press, Oxford, UK.
5. Müller Brusco, G. (2011). *Migração e ecologia alimentar de* Calidris canutus rufa *(Aves: Scolopacidae) no litoral médio e norte do Rio Grande do Sul*. Thesis. Universidade Federal do Rio Grande do Sul, Porto Alegre, RS, Brazil.
6. Lara Resende, S. de M. (1988) *Nonbreeding strategies of migratory birds at Lagoa do Peixe, Rio Grande do Sul, Brazil*. Thesis. Cornell University, LOCATION, USA.
7. Fedrizzi, C. E. (2008) *Distribuição, abundância e ecologia alimentar de aves limícolas (Charadriiformes: Charadrii e Scolopaci) na zona costeira do Rio Grande do Sul, Brasil*. Thesis. Fundação Universidade Federal do Rio Grande, Rio Grande, RS, Brazil.
8. Lourenço, P. M., Alves, J. A., Catry, T., Granadeiro, J. P., 2015. Foraging ecology of sanderlings Calidris alba wintering in estuarine and non-estuarine intertidal areas. *Journal of Sea Research*. http://dx.doi.org/10.1016/j.seares.2015.06.013
9. van Perlo, B. (2009) *A field guide to the birds of Brazil*. Oxford University Press, New York, USA.
10. Nascimento, Inês de Lima Serrano do (1995). *Aves do Parque Nacional da Lagoa do Peixe*. Instituto Brasileiro do Meio Ambiente e dos Recursos Naturais Renováveis, Brasília, Brazil.
11. <https://www.youtube.com/watch?v=HXzHpsODhyM>
12. Beltzer, A. H. (1985) Ecología alimentaria de *Aramides ypecaha* (Aves: Rallidae) en el valle aluvial del río Paraná medio (Argentina). *Revista de la Asociacion de Ciencias Naturales del Litoral* 16 (1) 73-83.
13. <https://www.youtube.com/watch?v=xtiH81l-9AI>
14. Symonds and Tattershall 2010 data
15. Lislevand avian body size data
16. J. Kear. Ducks, Geese and Swans: Species accounts (Cairina to Mergus)
17. Zotta, A. R.; Da Fonseca, S. (1935) Sinopsis de los Ciconiiformes argentinos. *Hornero* 6 (1) : 48-58
18. C Venegas Canelo (1975) Dos adiciones a la fauna avial magallánica: Bubulcus ibis (Ardeidae) y Agelaius thilius (Icteridae).- Anales del Instituto de la Patagonia 6 (1-2) 141-145
19. Rails: A Guide to Rails, Crakes, Gallinules and Coots of the World By Barry Taylor.
20. Magno, S. (1971) Avifauna argentina. Familia Laridae. Gaviotas y gaviotines. *Hornero* 11 (2) : 65-84
21. King, C. E. (1988). An ethological comparison of three storks: *Ciconia boyciana*, *C. ciconia*, and *C. maguari* (Doctoral dissertation, Oklahoma State University).
22. Calabuig, C. P., Green, A. J., Ferrer, M., Muriel, R., & Moreira, H. (2011). Sexual size dimorphism and sex determination by morphometric measurements in the Coscoroba Swan. Studies on Neotropical Fauna and Environment, 46(3), 177-184.
23. Johnsgard, Paul A., "Swans: Their Biology and Natural History" (2016).Zea E-Books.Book 38.<http://digitalcommons.unl.edu/zeabook/38>
24. Escalante, R. (1965) Notas sobre el Águila Pescadora y el Atí o Gavotínde Pico Grande en el Uruguay. Hornero 010 (03) : 277-278
25. Zotta, A. R.; Da Fonseca, S. (1937) Sinopsis de los Ciconiiformes argentinos. Hornero 006 (03) : 395-418
26. Montalti, D., GRILLI, M. G., Maragliano, R. E., & Cassini, G. (2012). The reliability of morphometric discriminant functions in determining the sex of Chilean Flamingos Phoenicopterus chilensis. Current Zoology, 58(6).
27. FORBES, M. R. L., and ANKNEY, C. D. 1987. Hatching asynchrony and food allocation within broods of Pied-billed Grebes, Podilymbuspodiceps. Can. J. Zool. 65: 2872-2877.
28. Vooren, C. M., & Chiaradia, A. SEASONAL ABUNOANCE ANO BEHAVIOUR OF COASTAL BIROS ON CASSINO BEACH, BRAZIL.Ornitologia Neotropical
29. Magno, S. (1973) Avifauna argentina. Familia Laridae. Subfamilia Sterninae. Gaviotines. Hornero 011 (03) : 145-168
30. Isaoch, J. P., Darrieu, C. A., Martínez, M. M., 2005. Food Abundance and Dietary Relationships Among Migratory Shorebirds Using Grasslands During the Non-breeding Season. *Waterbirds* 28(2): 238-245.
31. Livezey, B. C. (1989). Flightlessness in grebes (Aves, Podicipedidae): its independent evolution in three genera. *Evolution*, 29-54.
32. Connan, M., Teske, P. R., Tree, A. J., Whittington, P. A., & McQuaid, C. D. (2015). The subspecies of Antarctic Terns (*Sterna vittata*) wintering on the South African coast: evidence from morphology, genetics and stable isotopes. *Emu*, 115(3), 223-236.

Notes

* Mean used where provided. Where mass was reported as a range, e.g. “277-426g” the middle value is reported, e.g. “381.5g”.
* For sexually dimorphic species, if an average was provided for adults of each sex the mean of this was used. Otherwise, the middle between the smallest and largest overall measurements.
* Where biometrics are reported separately for different subspecies/populations, the local subspecies/population was used.
* From diet studies, prey classes constituting ≤ 1% (or observed only once, if n < 100) of the diet were not included.
* Museum specimens preferred to live zoo specimens in study of Chilean Flamingo