

**Australian Government** 

Department of Agriculture and Water Resources

## **Research mortality allowance** Proposed allowance for 2019 and 2018 usage report

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## Summary

In 2017, Australia was granted 1.2 t of research mortality allowance (RMA) for the continuation of one project in 2018. As of 15 June 2018, a total of 1.2 t had been used. Australia does not request any RMA for 2019.

## 1 Proposals for 2019

There are no proposals for RMA in 2019.

# 2 Summary of 2018 RMA usage

A total of 1.2 t of RMA was granted in 2017 for the continuation of an Australian research project examining the health of wild SBT in 2018. To date (15 June 2018), 1.2 t of RMA has been utilised. Several recent papers on this research have been published (e.g. Kirchoff et al. 2014; Balli et al. 2016, 2017; Neumann et al. 2018). Additional information on this project is provided in a separate document (CCSBT/ESC/1809/Info-03).

## References

Balli, J, Mladineo, I, Shirakashi, S & Nowak, BF 2016, Diseases in tuna aquaculture, in DD Benetti, GJ Partridge, A Buentello (eds), *Advances in tuna aquaculture*, Elsevier Publishing.

Balli, J, Bott, NJ, Hammond, MD, Shepherd, N & Nowak, BF 2017, Molecular characterisation of *Miamiensis avidus* (Cilophora: Scuticociliata) from ranched southern bluefin tuna, *Thunnus maccoyii* off Port Lincoln, South Australia, *Aquaculture*, 469:44–49.

Kirchhoff, NT, Nelligan, J, Ellis, D, Nosworthy, E, Cadoret, K, Leef, M, & Nowak, B 2014, Interannual and intra-annual variability in blood variables and parasitic loads of wild *Thunnus maccoyii, Canadian Journal of Fisheries and Aquatic Science*, 71:1572–1578.

Neumann, L, bridle, A, Leef, M & Nowak, B 2018, Annual variability of infection with *Cardicola forsteri* and *Cardicola orientalis* in ranched and wild southern bluefin tuna (*Thunnus maccoyii*), *Aquaculture*, 487: 1–6.