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|  <p>Agreement on the Conservation of Albatrosses and Petrels</p> | <p>Fifth Meeting of the Population and Conservation Status Working Group <i>Florianópolis, Brazil, 9 - 10 May 2019</i></p> <p>The annual cycle of Southern Giant Petrels <i>Macronectes giganteus</i> in East Antarctica <i>Sasa Otovic, Madalyn Riley, Ian hay, John McKinlay, John Van den Hoff, Barbara Wienecke</i></p> |
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Full text:

Otovic, S., Riley, M., Hay, I., McKinlay, J., Van den Hoff, J., and Wienecke, B., 2018. The annual cycle of Southern Giant Petrels *Macronectes giganteus* in East Antarctica. **Marine Ornithology** 46: 129-138. <http://www.marineornithology.org/content/get.cgi?rn=1267>

SUMMARY

We report the first results from a 3-year study of the annual cycle of Southern Giant Petrels *Macronectes giganteus* in two colonies in East Antarctica. We tested the utility of a system of automated cameras that monitored and recorded events in the colonies year-round. Based on the collected images, we determined a detailed phenology of breeding events and activities throughout winter. The timing of some portions of the annual cycle (e.g., laying dates) were similar, whereas other aspects of the annual cycle differed between locations (e.g., pair formation and length of the non-brooding guard phase). Comparisons with other breeding locations throughout the species' range showed that lay dates vary with latitude but are synchronous at each site.