

Electronic Supplementary Materials

For the manuscript:

Title: Mysterious bio-duck sound attributed to the Antarctic minke whale (*Balaenoptera bonaerensis*)

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List and description of sound files

1. **BA_44_WilhelminaBay_64S_62W_20130214_061546.wav**

Recording of acoustic tag deployed on Antarctic minke whale # 44 in Wilhelmina Bay, western Antarctic Peninsula on February 13/14, 2013 (64°41' S, 62°13' W). Sound file contains several downsweep examples and the bio-duck sound towards the end of the sequence, just before the surfacing of the whale is audible on the recording.

2. **BA_Dumont_65S_140E_20060603_210000.wav**

Recording of the bio-duck sound off Dumont D'Urville, eastern Antarctica on June 3, 2006 (65°33' S, 140°32' E).

3. **BA_Palaoa_70S_8W_20060722.wav**

Recording of the bio-duck sound and minke whale downsweeps at PALAOA station on July 22, 2006 (70°31' S, 8°13' W).

4. **BA_RossIsland_77S_168E_19641122.wav**

Recording of minke whale downsweeps off Ross Island on November 22, 1964 (77°30' S, 168°00' E).