

Dear Editor and Reviewer, Prof. George Hunt,

We deeply appreciate you for reviewing our manuscript carefully. We carefully revised the manuscript following the reviewer's and editor's suggestions. We hope that our revised MS will be acceptable.

We changed all parts pointed out by the reviewer Prof. George Hunt. We also revised MS following the editor's suggestions as below.

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Response to suggestions by the Editor Makoto Sampei

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[Q1] p.1 L18: 'from boats' can be removed

[A] To distinguish how to count seabird from the land or from boats, we still used 'from boats' in the revised MS.

[Q2] p.1 L27: migration is better than movement

[A] Migration is generally used to long-distance movement between colony and wintering area. But in this study, we focused on the seasonal changes in shearwater's distribution within their wintering area. So, we thought that 'movement' is better than 'migration'.

[Q3] p.4 L1: These are too fine numbers. 13.6 m and 8.5 m should be 14 m and 9 m.

[A] Revised.

[Q4] p.7 L21: Barrow > Point Barrow?

[A] Revised.

[Q5] p.9 L23: 'The other vessel based surveys in ...' should be 'The another vessel-based surveys conducted in the northern Chukchi Sea in August-October of 2008-2010 (Gall et al., 2013) found presence of shearwaters from mid-August to early October, with highest densities occurring in September in each year.'

[A] Revised.

[Q6] p.9 L.29: during > in

[A] Revised.

[Q7] p.10 L2: Within > Among

[A] Revised.

[Q8] p.10 L4: Remove 'in this study,'

[A] Revised.

[Q9] p.11 L20: migration is better than movement

[A] See reply [Q2].

[Q10] p.11 L23: (September 2012 and July 2013) > (i.e., September in 2012 and July in 2013)

[A] Revised.