Review of

Dataset of Passerine bird communities in a Mediterranean high mountain (Sierra Nevada, Spain)

October 30, 2015

1   General comments

This paper describes a valuable dataset of bird communities in Spanish mountains over the last eight years. It covers not only presence data, but also abundances and distances to the transect (both valuable informations!). The paper is well written with good quality figures. Data management and quality control are exemplary.

During my review only minor comments arose and the paper can be published after considering these.

2   Specific comments

1. **Line 40:** *'[...] and 55694 measurements recorded'.* Be more explicit, 57694 = 2*27847 and point to the valuable data about number of animals and distances. A suggestion: *'A total of 27847 occurrence records were compiled with accompanying measurements on distance to the transect and animal counts.'*

2. **Line 267 and 285:** In the text it is stated that the distance to the bird was estimated by eyes. However, in the dataset measurementAccuracy is set to 1m for all observations. I doubt that one can quantify e.g. the difference between 45 and 48m distance by eye. Moreover, this will vary with conditions (weather, landscape, etc.) Therefore, please

   - reconsider this accuracy value

- clarify this limitation in the main text.

3. **Figure 1b:**

   - The background map cleary shows a elevation map, however, it is not clear to me what the (transparent) color is coding? It looks like habitat type, but this does not match to the legend (e.g. two different greens). Please clarify (verbose in the caption or by adding a legend).

   - change *'Km'* to *'km'* in the scale.

4. **Table 2** Add *'(m)'* to the Elevation column.