

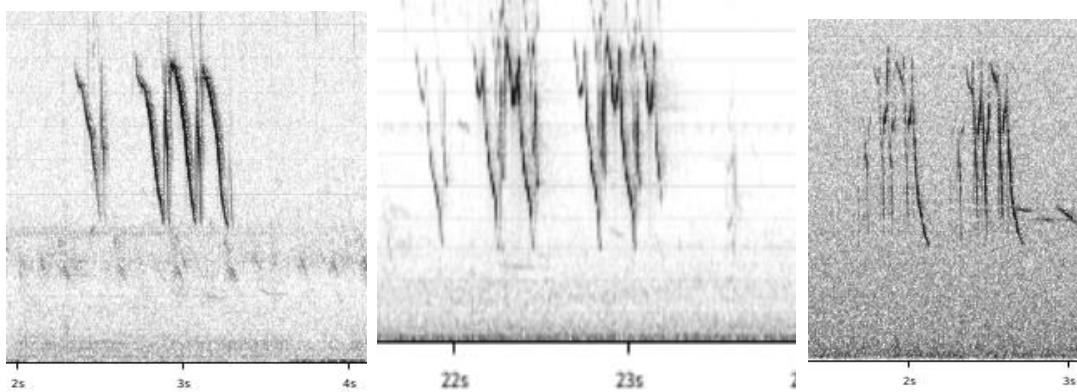
Notes on the vocalizations of Band-tailed Sierra-finch (*Phrygilus alaudinus*)

Peter Boesman

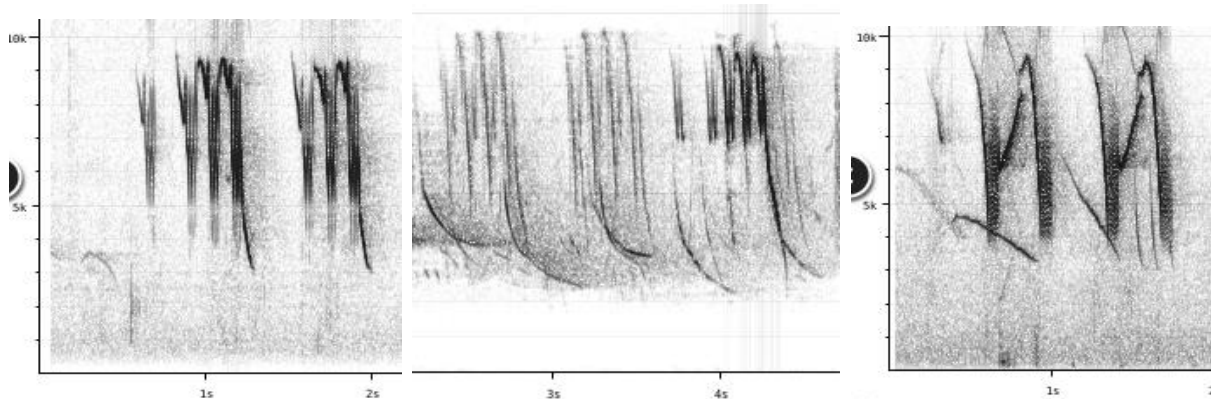
In the following we briefly analyze and compare voice of the different races of Band-tailed Sierra-finch (*Phrygilus alaudinus*). We also try to quantify the extent of any vocal differences using the criteria proposed by Tobias *et al.* (2010), as a support for taxonomic review. We have made use of sound recordings available on-line from Xeno Canto (XC).

An overview of song per region, from north to south, illustrated with sonograms:

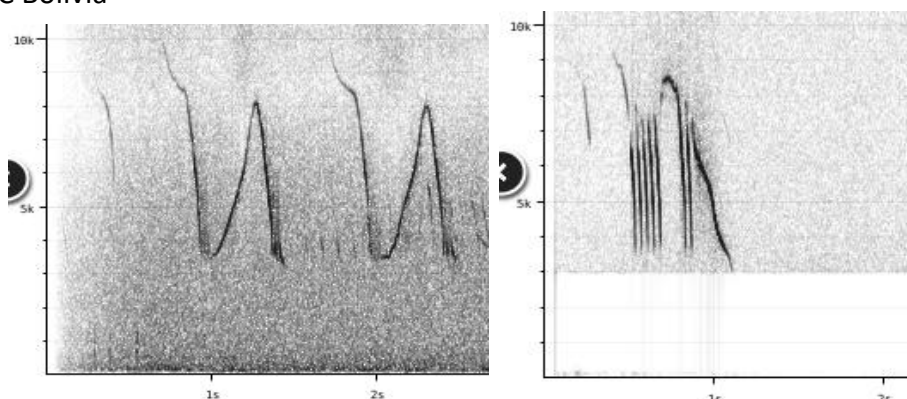
Ecuador



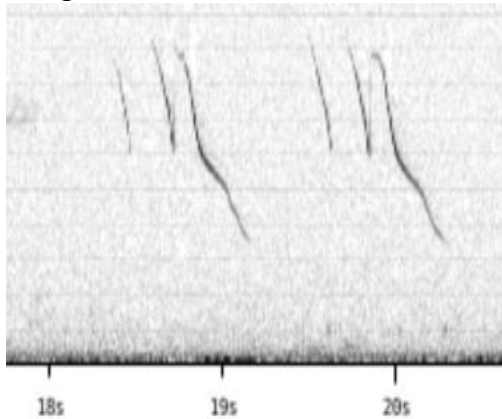
Peru



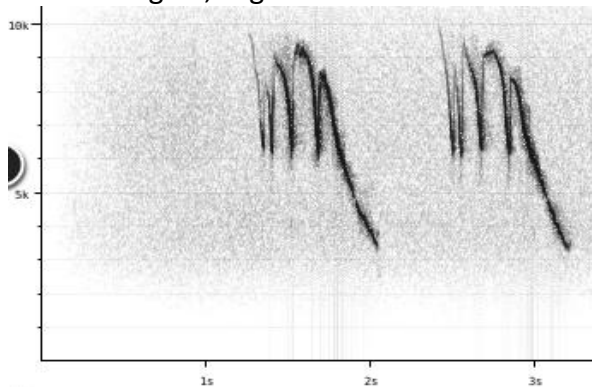
C Bolivia



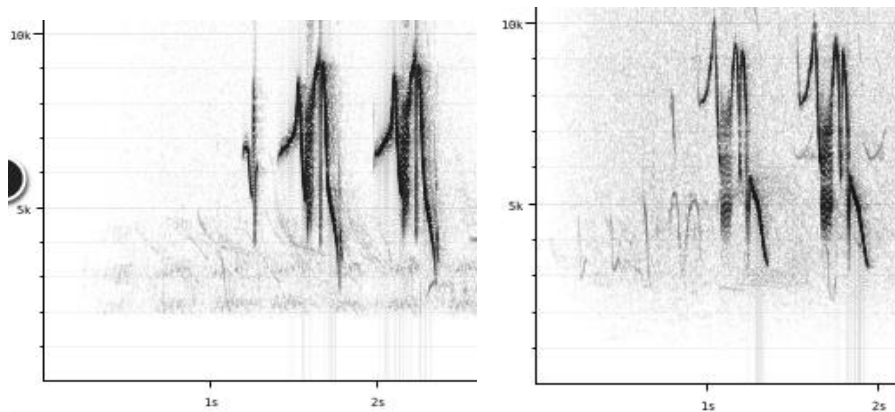
N Argentina



Cordoba region, Argentina



C Chile



Song of all races is structurally similar: a complex rather piercing note repeated 1-3 times, sometimes preceded by an incomplete note. Note shapes are variable, and it would seem that differences are regional dialects rather than true differences among subspecies.

There is no clear difference between the northern group of smaller and darker races (*humboldti*, *bipartitus*, *bracki* and *excelsus*) and the southern group of two larger and paler ones (nominate and *venturii*).

This note was finalized on 4th July 2016, using sound recordings available on-line at that moment. We would like to thank in particular the sound recordists who placed their recordings for this species on XC: Israel Aragon, Peter Boesman, Guillermo Egli, Carlos Ferrari, Daniel Gonzalez Amat, Richard Hoyer, Alvaro Jaramillo, Doug Knapp, Niels Krabbe, Dan Lane, Bernabe Lopez-Lanus, John V Moore, Jonas Nilsson and Christian Pinto.

References

Tobias, J.A., Seddon, N., Spottiswoode, C.N., Pilgrim, J.D., Fishpool, L.D.C. & Collar, N.J. (2010). Quantitative criteria for species delimitation. *Ibis* 152(4): 724–746.

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