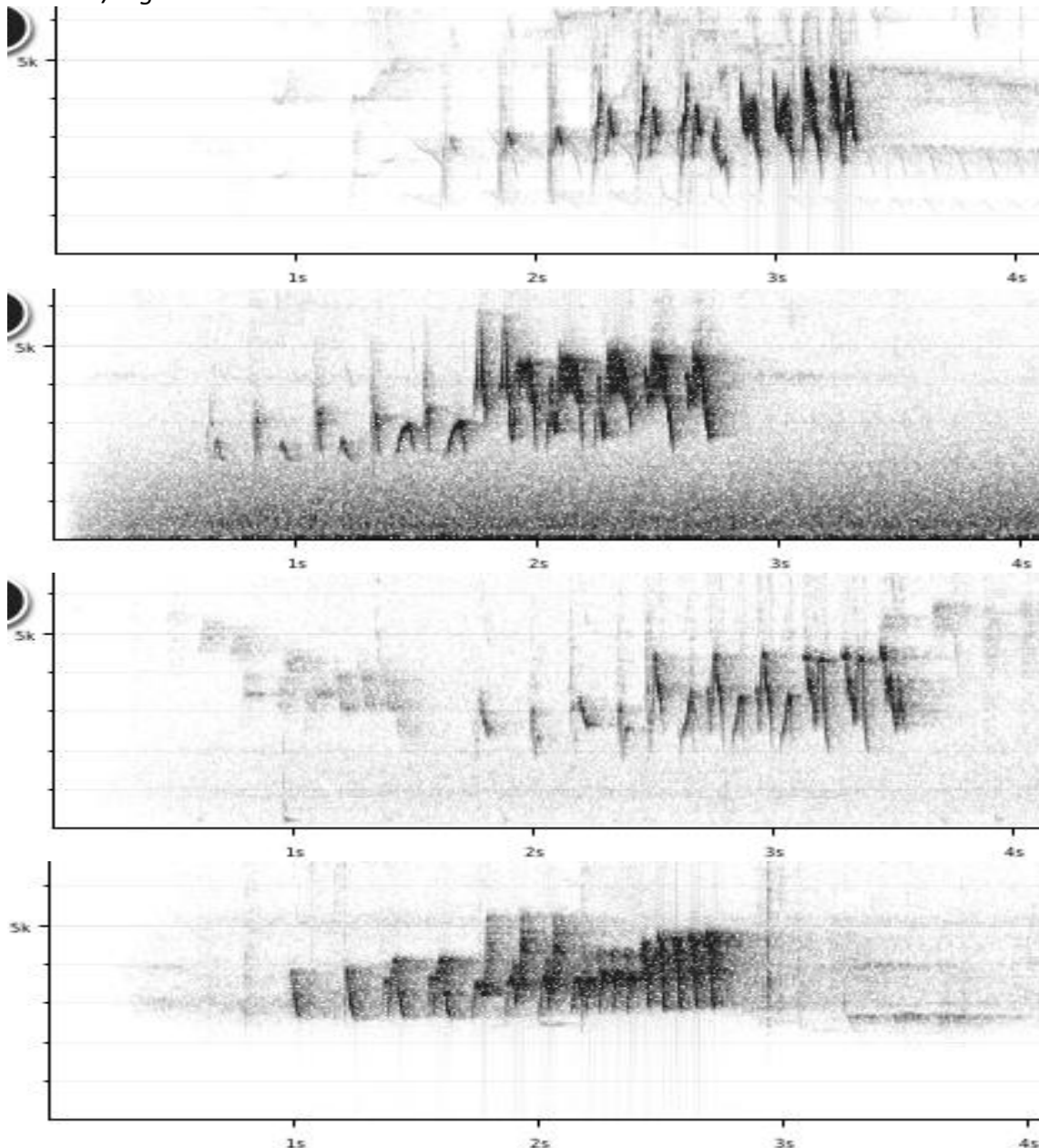


Notes on the vocalizations of Two-banded Warbler (*Basileuterus bivittatus*)

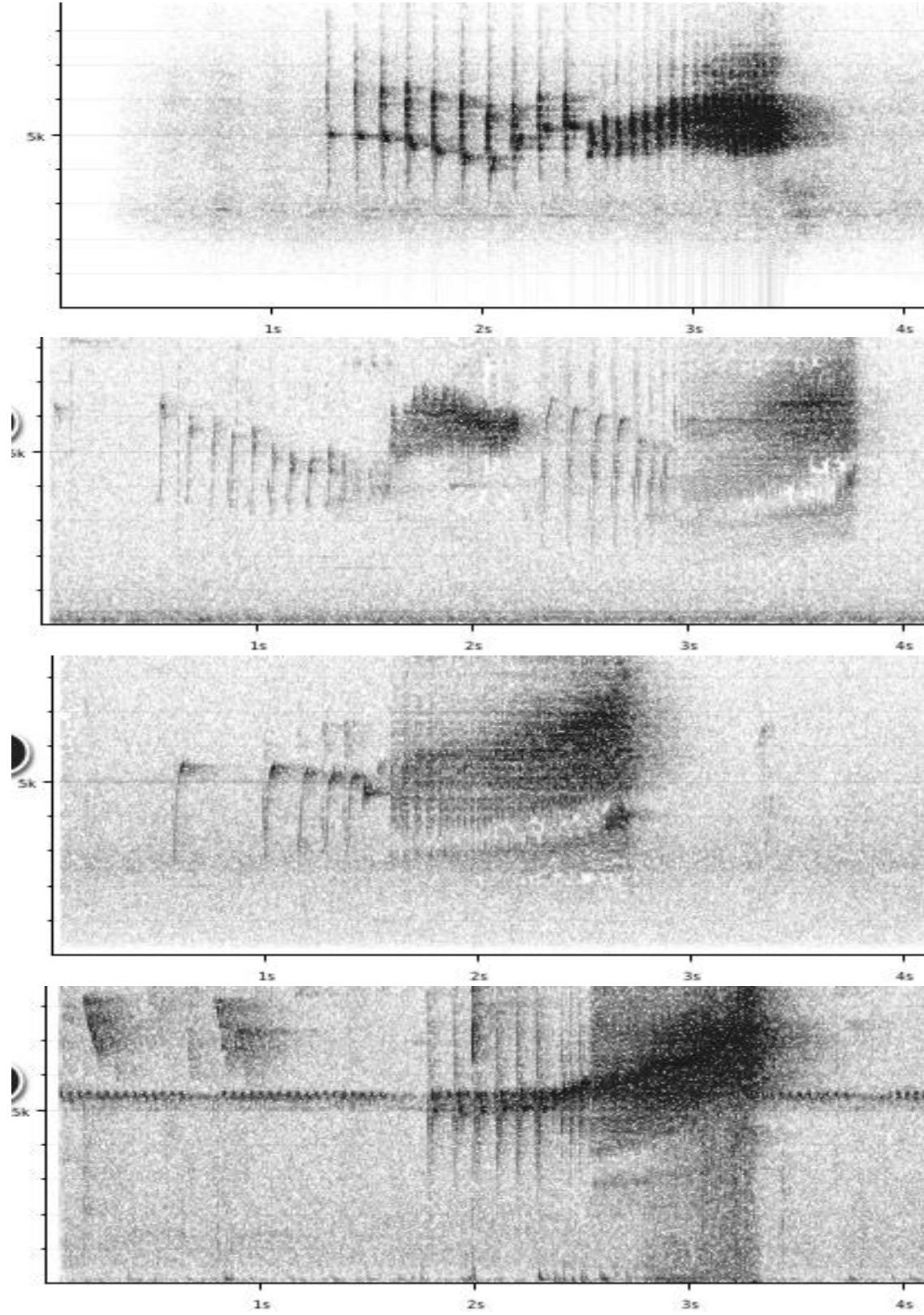
Peter Boesman

In the following we briefly analyze and compare voice of the three races of Two-banded Warbler (*Basileuterus bivittatus*). 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). Our main interest is to compare the disjunct population of the tepuis (*roraimae*) with the Andean races. A comparison of song, illustrated with sonograms:

bivittata/argentinae



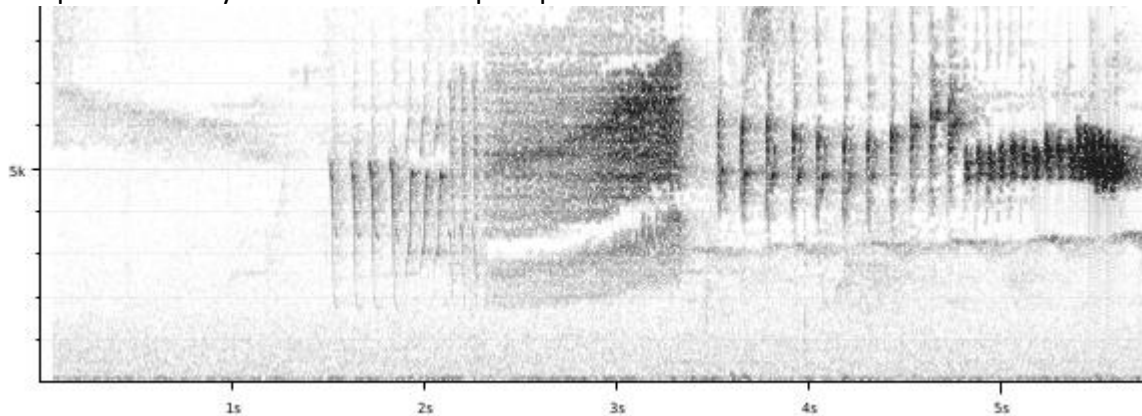
roraimae



Song of both groups is clearly very different.

roraimae has a song phrase with many more notes (score 2-3), with a trilled end reaching a much higher pace (score 3-4) and reaching higher frequencies (score 2-3). Other differences are the clearly different note shapes, with *roraimae* having very short staccato-like notes. Total vocal score about 6.

roraimae seems to have 2 variants of its song: a trilled end at about same pitch, and a trilled end which is sharply rising. It is not clear whether this is given by the same bird or rather a duet performed by two birds or a coupled pair.



This note was finalized on 27th June 2016, using sound recordings available on-line at that moment. We would like to thank in particular the many sound recordists who placed their recordings for this species on XC.

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.

Recommended citation

Boesman, P. (2016). Notes on the vocalizations of Two-banded Warbler (*Basileuterus bivittatus*). *HBW Alive Ornithological Note* 376. In: *Handbook of the Birds of the World Alive*. Lynx Edicions, Barcelona. (retrieved from <http://www.hbw.com/node/1252932> on 30 November 2016).