

Notes on the vocalizations of Cinereous Conebill (*Conirostrum cinereum*)

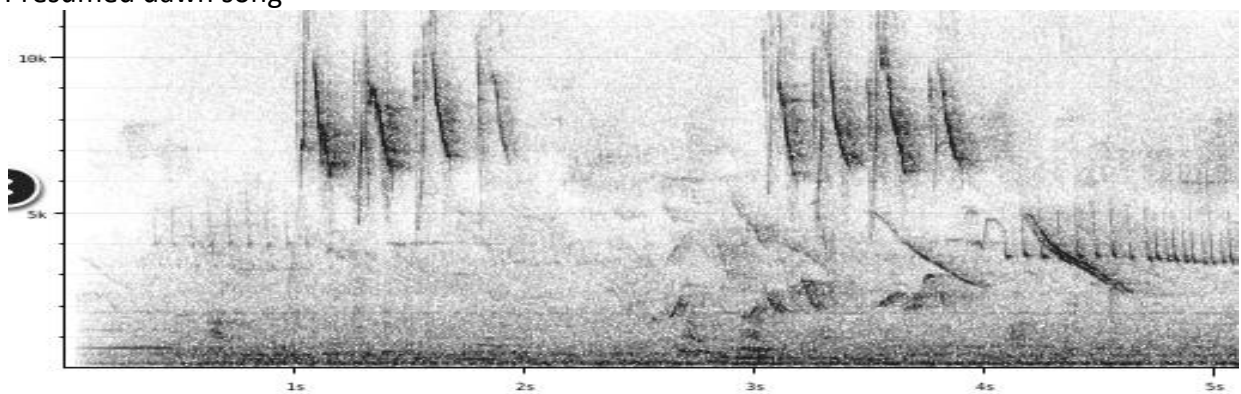
Peter Boesman

In the following we briefly analyze and compare voice of the three races of Cinereous Conebill (*Conirostrum cinereum*). 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).

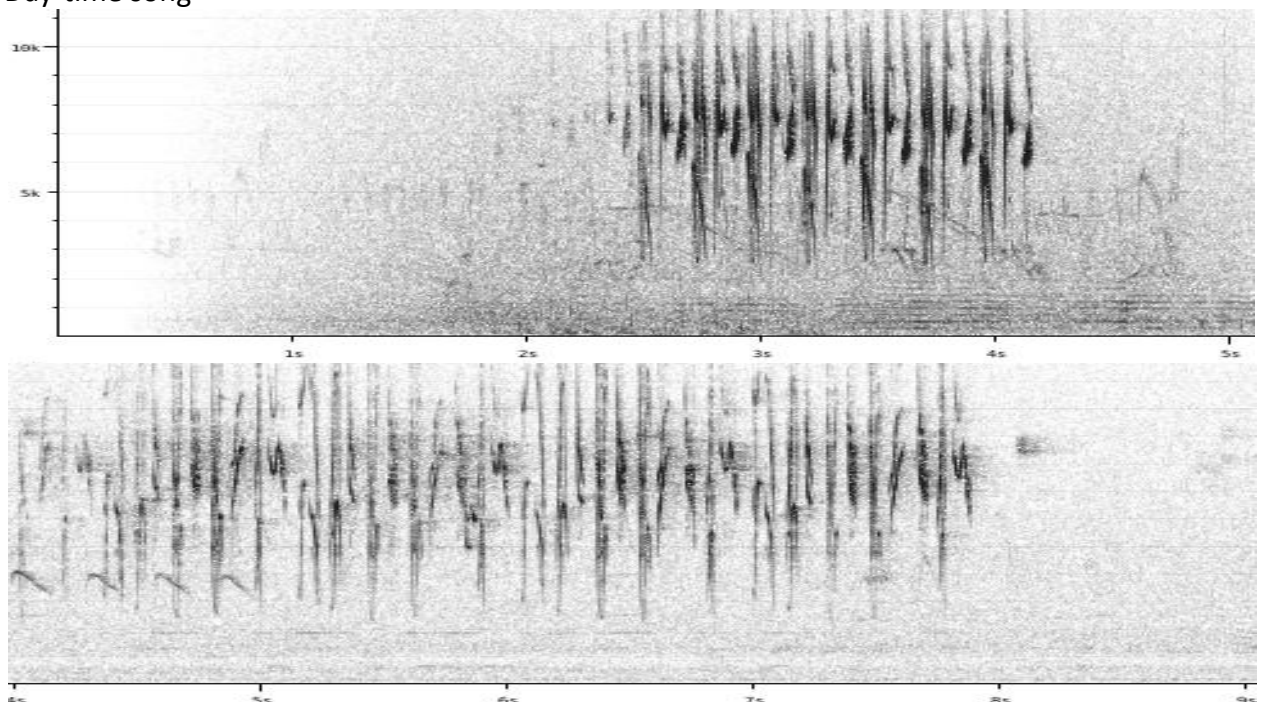
A comparison, illustrated with sonograms:

fraseri

Presumed dawn song

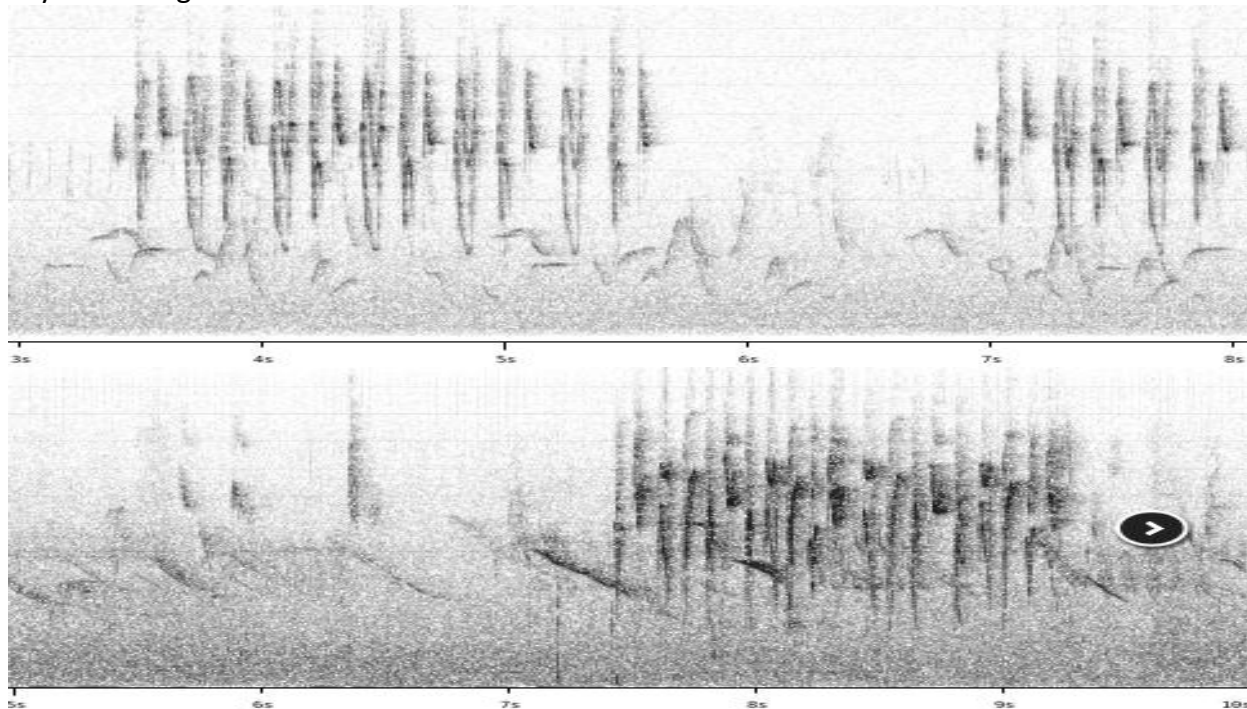


Day-time song



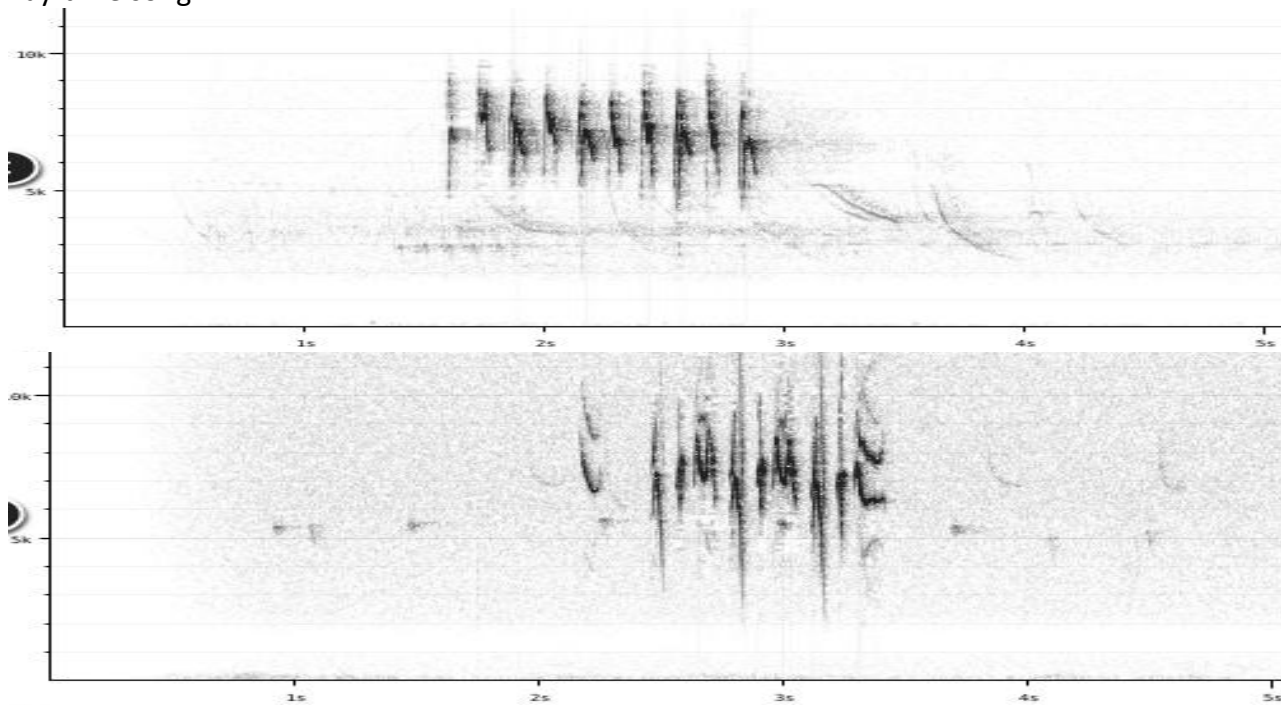
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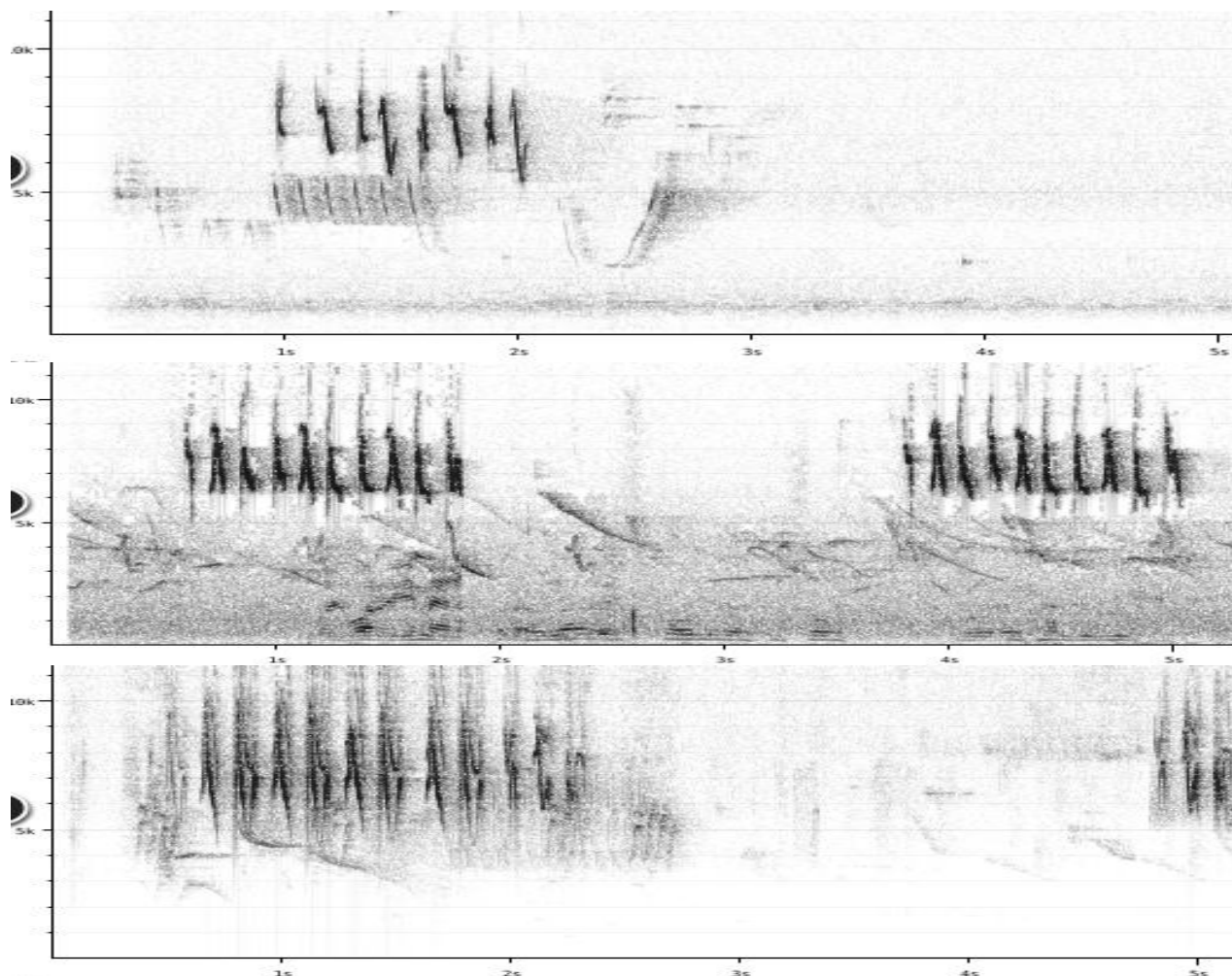
Day-time song



littorale

Day-time song





All races have a song which typically consists of a subphrase of 2-3 notes repeated, with some small differences between repeats.

Race *litorale* seems to have a day-time song with a much narrower freq. range (typically 3-5kHz, vs. 7-9kHz) and higher min. freq. (typically above 5kHz vs. above c. 2kHz). Apparently some exceptions do occur however.

A more in depth analysis would be needed to uncover any additional differences, and would require a larger set of recordings than presently available.

This note was finalized on 29th June 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, Nick Athanas, Peter Boesman, Allen Chartier, Sandra Espinoza, Alvaro Jaramillo, Niels Krabbe, Dan Lane, Mitch Leisinger, Sjoerd Mayer, John V Moore, Mike Nelson and Joseph Tobias.

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

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