Notes on the vocalizations of Rufous Paradise-flycatcher
(*Terpsiphone cinnamomea*)

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In the following we briefly analyze and compare voice of the three races of Rufous Paradise-flycatcher (*Terpsiphone cinnamomea*). 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) and Macaulay Library (ML).

Song of the all races is structurally similar: a long series of a repeated single upslurred whistle. Pace apparently quite variable. Comparison of sonograms of the three races:

Race *cinnamomea*:

Race *unirufa*
Difference in song is quite clear from the above examples (although sample size is very small for *unirufa* and *talautensis*): *cinnamomea* and *talautensis* are very similar, *unirufa* at the other hand has apparently a much narrower frequency range (c. 0.9 - 1.1kHz vs c. 1.8 - 2.2kHz, score 3), with slightly shorter note duration (score 1). When applying Tobias criteria, this would lead to a total vocal score of 4.

There is one recording of *cinnamomea* (XC239338) where one bird sings a song in a narrow frequency range and is responded by a bird singing whistles in a broad frequency range. This is the only somewhat deviating recording we have found, and it is unclear what is the context of these two different vocalisations. Needs further investigation.

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**References**


**Recommended citation**