

A method for investigating Rufous Scrub-birds using automated recording and rapid, semi-automated data analysis

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Received: 15 September 2018

Accepted: 17 December 2018

Calls made in a Rufous Scrub-bird *Atrichornis rufescens* territory were recorded for periods of about seven days using an automated recording unit. We developed a method using *Raven Pro* to scan these recordings for scrub-bird chipping calls for rapid analysis. We present a preliminary analysis of field data showing that the use of this analytical tool will facilitate investigations into how the singing behaviour of Rufous Scrub-birds varies daily and seasonally, knowledge that is important when designing population monitoring programs. Our study also suggests that an automated recording unit in combination with the *Raven Pro* identifier will provide a viable alternative to standard techniques for surveying sites for the presence of scrub-birds.