

Character Bioacoustics White-Rumped Shama *Copsychus malabaricus* as a Cage-Bird

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Abstract : Indonesian people love to keep songbird in cage to be competed, such as White-rumped Shama (*Copsychus malabaricus*). Each individual White-rumped Shama will be pitted their song and try to imitate the rhythm of the enemy with its songs. This study was conducted to see the natural song characters of White-rumped Shama and song character from birds that had been trained and comparison in three different places in West Sumatra. Individuals were recorded totaling 30 individuals in three areas in West Sumatra namely Padang, Solok and Pariaman and sound recordings of White-rumped Shama in nature were taken in HBW and Xenocanto website. Research has done conducted from June to October 2016 at place group practice of birdsongs and recorded at 16:00 to 18:00 pm. These voices were analyzed by Avisoft SAS-Lab Lite inform of oscillogram and sonogram. Measured parameters included: the length of voice, repertoire size, number of syllable type, syllable repertoire, and song repertoire. The results showed that repertoire composition of White-rumped Shama in nature less than the sound which was trained and has repeat songs composed by the same type of repertoire composition. Comparison of song character White-rumped Shama in three different places in West Sumatra, those birds in Solok had the best quality of voice or song than Padang and Pariaman. It showed by higher repertoire composition in Solok.

Keywords : repertoire composition, song characters, songbird, white-rumped shama

Conference Title : ICAA 2017 : International Conference on Acoustics and Applications

Conference Location : Copenhagen, Denmark

Conference Dates : June 11-12, 2017