

## Behavior and territorial mapping of Indian Black Robin

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The Indian Black Robin (*Saxicoloides fulicata leucoptera*) is one of the few birds that hold a territory all year round. Territory boundaries are fluid, and change frequently as circumstances change. Research on territorial behavior of Indian Robin is scarce in Sri Lanka. Present study was carried out in November 2010 to May 2011 to study the Behavior and Territorial mapping of Indian Black Robin in and around the faculty premises of Rajarata University of Sri Lanka, Mihinthale in North Central Province. It included only day sessions, from 6.30 - 8.00 am and from 4.00 - 6.00 pm to gather behavioral activities and to demarcate the territories. Whole study area (7.6 ha) was mapped into a scale, using the base map of the faculty premises and several copies were produced for each field visit. A dummy of a Black Robin was made and by that, the behavioral and territory variations were checked. Behavioral observations were done by using scan sampling method. The study area is mainly composed of typical dry zone plant species such as *Azadirachta indica*, *Pauhinia racemosa* and *Schleichera oleosa*. Some parts of the faculty garden have been modified using Hard Landscaping method. During this research period, two territories of Indian Black Robin were identified. One couple has made a territory in and around the ICT building and a family including two females and a male has made a