

Bird diversity in the production forest management unit in North Seram, Central Maluku Regency, Indonesia

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ABSTRACT

Bird diversity hotspots are important locations for species conservation. Conservation actions at these hotspot locations will protect important forest areas outside the designated conservation areas. This study aimed to measure the importance of the location of bird diversity hotspots in the area of Production Forest Management Unit (PFMU) in the Wae Sapalewa area in North Seram, Central Maluku. The method used was a territorial search survey to determine hotspot locations. Point Count method was used to collect bird species information. The analysis was performed quantitatively and descriptively so that it is easy to understand. There were 7 locations of bird diversity hotspots with important species status. 121 species of birds were found of 9 endemic species of Seram Island (*Gymnophaps mada*, *Eos semilarvata*, *Lorius domicella*, *Cacatua moluccensis*, *Halcyon lazuli*, *Rhipidura dedemi*, *Basilornis corythaix*, *Philemon subcorniculatus*, *Myzomela blasii*), 4 endangered species (*Halcyon lazuli*, *Cacatua moluccensis*, *Lorius domicella*, *Eulipoa wallacei*), 6 unique species (*Casuarus casuarus*, *Charmosyna placentis*, *Micropsitta bruijnii*, *Alisterus amboinensis*, *Ninox squamipila*, *Tanyiptera galatea*, *Rhyticeros plicatus*) and 21 limited distributed species. This type of bird is referred to as the "Indicator Bird Species". Production forest areas such as PFMU have potential bird diversity hotspots that can be applied in management blocks for the conservation and ecotourism purposes.

Key words: Bird, conservation, diversity hotspot, forest management unit.

