

Poster:

Bird inventory on Syiah Kuala University Darussalam, Banda Aceh, Indonesia

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Abstract. The research of Bird inventory on Syiah Kuala University Darussalam Banda Aceh had been done by using direct observation method. As much as 26 bird species that were included in 19 families were found during 2006-2012. Among these birds are three species of protected birds and two species of migratory bird.

Keywords : Syiah Kuala University, bird inventory, protected bird, migrant bird

Introduction

Bird composition depend on habitat their live. Syiah Kuala University in Banda Aceh is one place that many birds live. Students always use this area as natural laboratory in studying bird taxonomy. Eventhough many birds including migrant and protected birds lives in this area, there are no such research had been done to list birds species that inhabit Syiah Kuala University. The aim of this study is to explore the bird species that live in Syiah Kuala University.

Materials and Methods

Research were conducted during 2006-2012. Walking slowly through 1.5 km transect were use to list birds species. Some birds species that could not find along transect were found by seeking in certain area that specific for these species such as *Anthus* that visit grazing area, old tree that their height attracted the birds that use high canopy to perch such as *Oriolus* and *Acridotheres*. Migratory birds only can be seen in migratory time. Mixed method were use to gain many information on bird species (Bibby, *et.al.* 2000). Identification of the bird by using MacKinnon (2000) and Holmes dan Nash (1999).

Results and Discussion

As much as 26 bird species that include in 19 families could be found in Syiah kuala University (table 1). Not all bird species present all the time. Some species such as migratory bird only seen in certain time. Local bird sometimes cannot be seen along the transect may be due to daily activity that depend on climate. The species that always present all the time are *Nectarinia jugularis*, *Pycnonotus aurigaster*, *P. goiavier* and *Passer montanus*. *Ploceus manyar* also can be seen all the time but only in specific place where they build their nests. They use Coconut tree as their nests tree.

Table 1. Bird species in Syiah Kuala University

no	Scientific name	Local name	familia	Status	food
1	<i>Acridotheres javanicus</i>	Kerak kerbau	Sturnidae		Insect/invertebrate
2	<i>Aegithina tiphia</i>	Cipoh kacat	Chloropseidae		fruit+insect
3	<i>Amaurornis phoenicurus</i>	Kareo padi	Rallidae		Plant, seed and invertebrate
4	<i>Anthus novaeseelandiae</i>	Apung tanah	Motacillidae		Insect/invertebrate
5	<i>Aplonis panayensis</i>	Perling kumbang	Sturnidae		Fruit, invertebrate
6	<i>Apus affinis</i>	Kapinis rumah	Apodidae		Insect
7	<i>Artamus leucorhynchus</i>	Kekep babi	Artamidae		Insect
8	<i>Bubulcus ibis</i>	Kuntul kerbau	Ardeidae	protected	Insect
9	<i>Dicaeum cruentatum</i>	Cabai merah	Dicaeidae		Nectar
10	<i>Geopelia striata</i>	Perkutut jawa	Columbidae		Fruit, seed
11	<i>Haliastur indus</i>	Elang bondol	Accipitridae	protected	fish

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Tabel 1. Continued...

12	<i>Hirundo rustica</i>	layang-layang api	Hirundinidae	migran	Insect
13	<i>Lonchura maja</i>	Bondol haji	Ploceidae		seed
14	<i>Lonchura Malacca</i>	Bondol rawa	Ploceidae		seed
15	<i>Lonchura punctulata</i>	Bondol peking	Ploceidae		seed
16	<i>Merops philipinus</i>	Kirik-kirik laut	Meropidae	migran	insect
17	<i>Nectarinia jugularis</i>	Burung madu sriganti	Nectarinidae	protected	Nectar, insect
18	<i>Oriolus chinensis</i>	Kepudang kuduk hitam	Oriolidae		fruit+insect
19	<i>Orthotomus ruficeps</i>	Cinene kelabu	Silviidae		insect
20	<i>Parus mayor</i>	Gelatik batu kelabu	Paridae		Insect,fruit,flower
21	<i>Passer montanus</i>	Burung gereja erasia	Ploceidae		seed
22	<i>Ploceus manyar</i>	Manyar jambul	Ploceidae		seed
23	<i>Pycnonotus aurigaster</i>	Cucak kutilang	Pycnonotidae		fruit+insect
24	<i>Pycnonotus goiavier</i>	Merbah cerukcuk	Pycnonotidae		fruit+insect
25	<i>Streptopelia chinensis</i>	Tekukur biasa	Columbidae		seed
26	<i>Todirhamphus chloris</i>	Cekakak sungai	Alcedinidae		insect/invertebrata, fish , amphibia, reptile

Conclusions

Syiah kuala University has 26 bird species including three protected and two migrant species. Bird species mainly are insect eater. Future research is needed to explore breeding biology, behavior and ecology. This location is suitable for studying, birdwatching and ecotourism.

References

- Bibby, C. , M. Jones dan S. Marsden. 2000. Teknik-teknik Ekspedisi Lapangan; survey Burung. BirdLife Internasional – Indonesia Programme. Bogor.
- MacKinnon, J., K. Phillipps dan B. van Balen. 2000. Burung-burung di Sumatera, Jawa, Bali dan Kalimantan. Puslitbang Biologi-LIPI. Bogor.
- Holmes,D. dan S. Nash. 1999. Burung-burung di Sumatera dan Kalimantan. Puslitbang Biologi. Bogor.
- Peraturan Pemerintah Republik Indonesia Nomor 7 Tahun 1999 Tentang Pengawetan Jenis Tumbuhan Dan Satwa. http://www.dephut.go.id/files/PERATURAN%20PEMERINTAH%20REPUBLIK%20INDONESIA%20NOMOR%207%20TAHUN%201999_0.pdf (diakses pada tanggal 15-3-2012)
- Rijal, H. 2008. Elang bondol menuntut ilmu di jantung hate rakyat Aceh. <http://cicemnanggroe.wordpress.com/2008/02/08/elang-bondo-menuntut-ilmu-di-jantoeng-hatee-rakyat-aceh/#comment-124> (akses tanggal 13 oktober 2010)