

## **BIRDS OF HALIMUN-SALAK NATIONAL PARK, WEST JAVA, INDONESIA: ENDEMISM, CONSERVATION AND THREATENED STATUS**

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### **ABSTRACT**

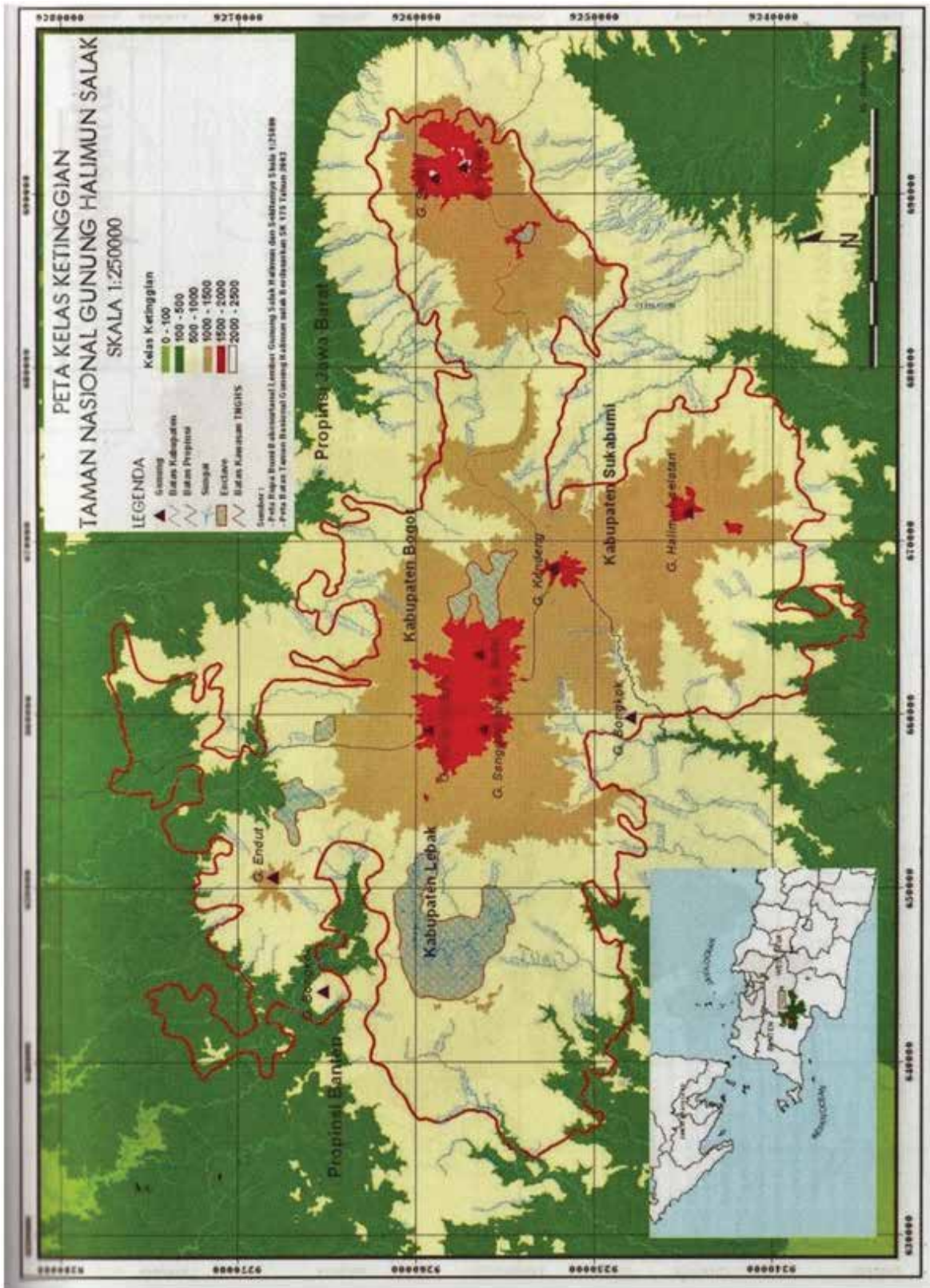
Bird surveys and long-term bird monitoring in Gunung Halimun-Salak National Park were conducted between 1998 and 2009 to obtain comprehensive data on the bird species in the area. Compilation of bird data from this study and other studies have recorded a total of 271 species, which is about 53.4% of all Javan birds (507 species) or 16.9% of all Indonesian birds (1605 species). As an important bird area, Gunung Halimun-Salak National Park is home to 43 Indonesian and Javan endemic species. Among the endemics, 32 species are restricted range species. Gaps in the protection status of the bird species are discussed. The results of this study show that Gunung Halimun-Salak National Park has the highest richness of bird species in the Java-Bali region and the conservation of its endemic and threatened species should be given main priority.

**Key words:** Birds, conservation status, endemism, Gunung Halimun-Salak National Park, threatened status

### **INTRODUCTION**

Gunung Halimun-Salak National Park is the largest remnant rainforest block on Java, Indonesia (Whitten 1994), and covers an area of ca. 113,357 ha (Hartono *et al.* 2007). Geographically, it is located between 6°32'–6°55' South and 106°13'–106°46' East, at an elevation between 500 and 2,211 m asl (Hartono *et al.* 2007). It includes three mountain ranges (G. Halimun complex, G. Salak complex and G. Endut complex) and three districts (Bogor, Sukabumi and Lebak) in West Java (Fig.1).

Gunung Halimun-Salak National Park has more than 700 plant species, which can be categorised into 119 families and 391 genera. Based on the altitude, its vegetation can be divided into three zones: a) Colline zone at an altitude from 500 to 1,000 m; b) Sub-montane zone at an altitude from 1,000 to 1,500 m; c) Montane zone at an altitude from 1,500 to 2,400 m (Van Steenis, 1972). In the colline zone, common tree species include 'rasamala' (*Altingia excelsa*), 'puspa' (*Schima wallichii*), 'saninten' (*Castanopsis javanica*), 'kiriung anak' (*Castanopsis acuminatissima*) and 'pasang' (*Quercus gemelliflora*). There are also Dipterocarpaceae trees at the altitude 600–700 m. In the sub-montane zone, the height of trees may reach 30 to 40 m with diameter (dbh) of 120 cm. Common tree species include: 'ganitri' (*Elaeocarpus ganitrus*), figs (*Ficus* sp.), *Acer laurinum*, *Eurya acuminatissima*, *Antidesba bunius*, cinnamon (*Cinnamomum* sp.), 'ki merak' (*Weinmannia blumei*). The montane zone is low in tree density and tree height, is dominated by Fagaceae including *Castanopsis* spp., *Lithocarpus* spp. and *Quercus* spp., with moist conditions and tree stems covered by mosses (Simbolon & Mirmanto 1997). Lichens and other volcanic plants are found on the peak of Mt. Salak at 2,211 m asl. (Hartono *et al.* 2007).



**Figure 1.** Map of Gunung Halimun-Salak National Park (JICA GHSNPMP 2007) showing three mountain ranges (G. Halimun complex, G. Salak complex and G. Endut complex) and three districts (Bogor, Sukabumi and Lebak).

With regard to the bird species in the area, an early preliminary list was based on museum specimens (MacKinnon 1988). Following this list, several bird studies were conducted at certain locations across a short period (e.g. UEA 1994, Adhikerana *et al.* 1998, Heryadi 2002, Prawiradilaga *et al.* 2013). The current study was carried out over a wide range of locations within the national park and over a long time period of approximately 12 years. The main objective is to provide comprehensive data on the birds of Gunung Halimun-Salak, which forms part of the Endemic Bird Area (EBA) 160 (Stattersfield 1998).

## MATERIALS AND METHODS

Bird surveys were conducted between 1998 and 2009 (Table 1). The surveys were carried out mostly by capture and release methods using mist-nets set up in the area. Approximately 100 m long mistnets were mounted and set up between 06.00 and 18.00 hours. In order to complete the data, non-systematic observations including raptor monitoring were also conducted. Observations were carried out with binoculars and telescopes.

Recorded birds were identified using available field guide books (MacKinnon 1988, MacKinnon & Phillipps 1993, Prawiradilaga *et al.* 2003a, Prawiradilaga *et al.* 2003b). The order of bird families and species follows Sukmantoro *et al.* (2007). Endemic status follows Sukmantoro *et al.* (2007) and MacKinnon & Phillipps (2009), protection status follows Anonymous (2007) and threat status follows the IUCN Red List of Threatened Species (<http://www.iucnredlist.org/details/>), <http://www.hbw.com/node> and BirdLife International (2016).

Additional data were collected from previous bird studies (UEA 1994, MacKinnon & Phillipps 1993, Adhikerana *et al.* 1998) and other studies (Harahap 2002 pers.comm., Rinaldi 2006 pers.comm., Prawiradilaga *et al.* 2013, Suparmo 2014 pers.comm.). Bird species richness and endemism were compared with other Javan national parks.

## RESULTS

The Halimun-Salak range was visited 50 times during the period between 1998 and 2009 with total 1812.5 mistnetting hours and 387.5 observation hours (Table 1). The number of recorded bird species on each visit ranged from 6 to 71 species (Table 1) with a total number of 271 species (Table 3), which is approximately 53.4% of all Javan and Balinese species (271 out of 507 species). The highest number of visits were conducted in the Mt. Kendeng-Halimun complex in 2000 and 2001. The lowest (6 species) and the highest number (71 species) of species were recorded from the Mt. Kendeng-Halimun complex (Table 1).

**Table 1.** Time, frequency of visits, mistnetting and observation hours within Halimun Salak range

No	Site	Year	Frequency of visits	Mistnet hours	Observation hours	Total No. of recorded species
1	Mt. Botol – Halimun complex	1998	1	36	0	23
2	Mt. Bodas – Halimun complex	1999	1	36	25.5	46
3	Mt. Bengreng- South Halimun	1999	1	42	0	19
4	Mt. Bengreng- South Halimun	2000	1	42	33.5	25
5	Mt. Kendeng - Halimun complex	2000	15	449	72	71
6	Mt. Kendeng - Halimun complex	2001	13	473	48	68
7	Mts.of North Halimun and adjacent areas	2001	1	0	15	14
8	Mt. Kendeng - Halimun complex	2002	6	206	0	44
9	Mt. Bedil – West Halimun	2002	1	25	8	38
10	Mt. Kendeng - Halimun complex	2003	3	126	0	39
11	Halimun-Salak corridor	2003	1	50	8	30
12	Halimun-Salak corridor	2004	1	46	30	42
13	Halimun-Endut corridor	2005	1	0	50	33
14	Mt. Gagak – Salak complex	2005	1	48.5	33	42
15	Mt. Kendeng - Halimun complex	2005	1	12	0	6
16	Halimun-Salak corridor	2006	1	37	40	49
17	Mt. Kendeng - Halimun complex	2007	1	38	0	20
18	Kawah Ratu – Mt. Salak	2008	1	42	12	52
19	Halimun-Salak corridor	2008	1	20	12.5	34
20	Mt. Kendeng - Halimun complex	2009	1	84	0	30
T o t a l			50	1812.5	387.5	

In total, 53 bird families were recorded in the area. Eighteen out of the 53 families were represented by the full number of member species that can be found on Java and Bali. These are Podargidae, Hemiprocnidae, Trogonidae, Bucerotidae, Capitonidae, Eurylaimidae, Hirundinidae, Aegithinidae, Chloropseidae, Irenidae, Laniidae, Acanthizidae, Platysteridae, Monarchidae, Aegithalidae, Paridae, Sittidae, Dicruridae and Artamidae. The other families were represented in Halimun-Salak by 3.2 to 93.75% of member species known to occur on Java and Bali (Table 2).

### Endemism

In total, Gunung Halimun-Salak National Park supports 43 endemic 17 of which are endemic to Indonesia in general and 26 are endemic to Java-Bali (Table 3). The most important of those endemic species are restricted range species which have been defined as having historical breeding ranges globally smaller than 50,000 km<sup>2</sup> (Bibby *et al.* 1992, Sujatnika *et al.*, 1995). There are 32 restricted range bird species recorded in the area: Javan Hawk-eagle (*Spizaetus bartelsi*), Chestnut-bellied Partridge (*Arborophila javanica*), Sumatran Green Pigeon (*Treron oxyura*), Pink-headed Fruit Dove (*Ptilinopus porphyreus*), Dark-backed Imperial Pigeon (*Ducula lacernulata*), Javan Scops-owl (*Otus angelinae*), Salvadori's Nightjar (*Caprimulgus pulchellus*),

Giant Swiftlet (*Hydrochous gigas*), Volcano Swiftlet (*Collocalia vulcanorum*), Blue-tailed Trogon (*Apalharpactes reinwardtii*), Brown-throated Barbet (*Megalaima corvina*), Flame-fronted Barbet (*Megalaima armillaris*), Sunda Minivet (*Pericrocotus miniatus*), Orange-spotted Bulbul (*Pycnonotus bimaculatus*), Sunda Bulbul (*Ixos virescens*), Sunda Robin (*Cinclidium diana*), Sunda Forktail (*Enicurus velatus*), Javan Cochoa (*Cochoa azurea*), White-breasted Babbler (*Stachyris grammiceps*), White-bibbed Babbler (*Stachyris thoracica*), Crescent-chested Babbler (*Stachyris melanothorax*), Grey-cheeked Tit-Babbler (*Macronous flavicollis*), Rufous-fronted Laughing Thrush (*Garrulax rufifrons*), Javan Fulvetta (*Alcippe pyrrhoptera*), Spotted Crocias (*Crocias albonotatus*), Javan Tesia (*Tesia superciliaris*), Sunda Warbler (*Seicercus grammiceps*), Rufous-tailed Fantail (*Rhipidura phoenicura*), White-bellied Fantail (*Rhipidura euryura*), Pygmy Bush-tit (*Psaltria exilis*), White-flanked Sunbird (*Aethopyga eximia*) and Grey-throated White-eye (*Lophozopterops javanicus*).

**Table 2.** Number of bird species in Gunung Halimun-Salak National Park in proportion to the birds of Java-Bali

No.	Family	No. of Species		Proportion (%)
		GHSNP	Java-Bali	
1	Phalacrocoracidae	1	4	25
2	Ardeidae	4	19	21.05
3	Ciconiidae	1	4	25
4	Accipitridae	14	22	63.6
5	Falconidae	2	6	33.3
6	Phasianidae	4	6	66.6
7	Turnicidae	1	2	50
8	Rallidae	2	12	16.6
9	Scolopacidae	1	31	3.2
10	Columbidae	17	25	68
11	Psittacidae	2	3	66.6
12	Cuculidae	13	23	56.9
13	Strigidae	7	9	77.7
14	Podargidae	2	2	100
15	Caprimulgidae	3	4	75
16	Apodidae	10	13	76.9
17	Hemiprocnidae	1	1	100
18	Trogonidae	2	2	100
19	Alcedinidae	6	14	42.9
20	Bucerotidae	3	3	100
21	Capitonidae	6	6	100

Table 2 (continued)

No.	Family	No. of Species		Proportion (%)
		GHSNP	Java-Bali	
22	Picidae	14	16	87.5
23	Eurylaimidae	1	1	100
24	Pittidae	2	3	66.6
25	Hirundinidae	4	4	100
26	Motacillidae	3	4	75
27	Campephagidae	8	11	72.7
28	Aegithinidae	1	1	100
29	Chloropsidae	2	2	100
30	Pycnonotidae	11	12	91.7
31	Irenidae	1	1	100
32	Laniidae	3	3	100
33	Turdidae	17	19	89.5
34	Timaliidae	19	20	95
35	Sylviidae	16	23	69.6
36	Muscicapidae	13	17	76.5
37	Acanthizidae	1	1	100
38	Platysteridae	1	1	100
39	Monarchidae	2	2	100
40	Rhipiduridae	2	3	66.6
41	Aegithalidae	1	1	100
42	Paridae	1	1	100
43	Sittidae	2	2	100
44	Dicaeidae	5	8	62.5
45	Nectariniidae	11	12	91.7
46	Zosteropidae	3	4	75
47	Estrildidae	6	8	75
48	Ploceidae	1	4	25
49	Sturnidae	4	8	50
50	Oriolidae	2	3	75
51	Dicruridae	6	6	100
52	Artamidae	1	1	100
53	Corvidae	5	6	83.3
Total		271	388	71.9

### Conservation status

Table 3 shows that 55 species (19.7% of the total birds of Gunung Halimun-Salak National Park) are protected by Indonesian Law, i.e. Law No. 5 / 1990 and Government Regulation No. 7 / 1999. Protected species include Darter (*Anhinga melanogaster*), Woolly-necked Stork (*Ciconia episcopus*), 15 species of eagles (Accipitridae), 2 species of falcons (Falconidae), Javan Scops Owl, Blue-tailed Trogon, Orange-breasted Trogon (*Apalharpactes oreskios*), 6 species of kingfishers (Alcedinidae), 3 species of hornbills (Bucerotidae), 3 species of barbets (Capitonidae), 2 species of pittas (Pittidae), White-breasted Babbler, Crescent-chested Babbler, Rufous-fronted Laughing Thrush, Javan Fulvetta, Spotted Crocias, Rufous-tailed Fantail, White-bellied Fantail, Pygmy Bushtit, 11 species of sunbird (Nectariniidae) and Grey-throated White-eye.

### Threatened Status

Based on IUCN (International Union for Conservation of Nature) threat categories, there are 2 critically endangered species: Blue-banded Kingfisher (*Alcedo euryzona*) and Short-tailed Green Magpie (*Cissa thalassina*) (Table 3). In addition, there are 4 endangered species: Javan Hawk-eagle, Blue-tailed Trogon, White-rumped Woodpecker (*Meiglyptes tristis*) and Rufous-fronted Laughing Thrush. Vulnerable species include: Woolly-necked Stork, Grey-breasted Partridge (*Arborophila orientalis*), Large Green Pigeon (*Treron capellei*), Javan Scops Owl, Great Slaty Woodpecker (*Mulleripicus pulverulentus*), Javan Cochoa, Brown-chested Jungle Flycatcher (*Rhinomyias brunneata*) and Java Sparrow (*Padda oryzivora*). Near threatened species are: Darter, Grey-headed Fish Eagle (*Ichthyophaga ichthyaetus*), Band-bellied Crake (*Porzana paykullii*), Sumatran Green Pigeon, Jambu Fruit Dove (*Ptilinopus jambu*), Yellow-throated Hanging Parrot (*Loriculus pusillus*), Reddish Scops Owl (*Otus rufescens*), Salvadori's Nightjar, Giant Swiftlet, Rhinoceros Hornbill (*Buceros rhinoceros*), Black-banded Barbet (*Megalaima javensis*), Scaly-breasted Bulbul (*Pycnonotus squamatus*), Sunda Bulbul, Chestnut-capped Thrush (*Zoothera interpres*), Large-Wren Babbler (*Napothera macrodactyla*), White-breasted Babbler, Spotted Crocias, Rufous-chested Flycatcher (*Ficedula dumetoria*), Maroon-breasted Philentoma (*Philentoma velatum*), Black-naped Oriole (*Oriolus chinensis*) and Crested Jay (*Platylophus galericulatus*). The remaining species are mostly least concern species (Table 3).

## DISCUSSION

The number of bird families at Gunung Halimun-Salak National Park is high, approximately 65.4% (53 out of 81 families) of the number of bird families in Java-Bali (Sukmantoro *et al.* 2007). Also, the species richness is the highest among national parks in the Java-Bali region. It reaches 53.4% (271 out of 507 species) of the total number of Java-Bali bird

species (Sukmantoro 2007) or 16.9% (271 out of 1605 species) of the total of Indonesian bird species (Widjaja *et al.* 2014). At Gunung Gede-Pangrango National Park, the species richness is 245 species (Whitten *et al.* 1996), at Ujung Kulon National Park 234 species (Hoogerwerf 1970), at Baluran National Park 225 species (Winnasis *et al.* 2011) and Alas Purwo National Park 227 species (Grantham 2000). Among bird species recorded in Gunung Halimun-Salak National Park, Sunda Frogmouth (*Batrachostomus cornutus*), Brown-chested Jungle-flycatcher (*Rhinomyias brunneata*), Asian Brown Flycatcher (*Muscicapa dauurica*) (Prawiradilaga *et al.* 2003, 2004) and Siberian Blue Robin (*Luscinia cyane*) (Prawiradilaga *et al.* unpublished data) are new records for Java island.

### **Endemism**

The results have showed that the number of endemic species in Gunung Halimun-Salak National Park is 11.5% (43 out of 372) of the total Indonesian endemic species or 48% (43 out of 88) of the Java-Bali endemic species (Sukmantoro *et al.* 2007). On the other hand, the number of restricted range forest species, which is the most important criterion to determine the extent of endemic bird areas (Bibby *et al.* 1992, Sujatnika *et al.* 1995), is very high. Gunung Halimun-Salak National Park harbours 32 out of 34 restricted range species of Java-Bali forests as defined by Sujatnika *et al.* (1995). In comparison to other Javan national parks, this number is similar to that of Gunung Gede-Pangrango National Park (Whitten *et al.* 1996). However, other national parks such as Ujung Kulon National Park, Meru Betiri National Park, Baluran National Park and Alas Purwo National Park have fewer restricted range species, namely 8, 5, 6 and 4 species, respectively (Hoogerwerf 1970, MacKinnon 1993, Sujatnika *et al.* 1995, Rombang & Rudyanto 1999, Winnasis *et al.* 2011).

### **Conservation and Threatened Status**

There are gaps between national protection status and international categorisation of threatened status by the IUCN in Indonesian bird conservation (Prawiradilaga 2015). So far, only 19.7% of the birds of Gunung Halimun-Salak have been protected by Indonesian Laws. The protection has covered one critically endangered species, the Blue-banded Kingfisher (*Alcedo euryzona*), and 3 endangered species: Javan Hawk-eagle, Blue-tailed Trogon and Rufous-fronted Laughing thrush (Table 3). Although the Short-tailed Green Magpie has been categorised as critical and White-rumped Woodpecker has been categorised as endangered, they have not been protected yet. This is because they were just recently categorized as critical and endangered by IUCN (BirdLife International 2016) and their population has not been assessed. However, the other critical and endangered species mentioned above have been protected since 1999 (Anonymous 2007).



Table 3 shows that there are eight vulnerable species and 23 near threatened species recorded at Gunung Halimun-Salak National Park. Among vulnerable species, only Javan Scops Owl is protected (Anonymous 2007) and Brown-chested Jungle Flycatcher is a migratory species (Sukmantoro *et al.* 2007). Most near threatened species are not protected, except four species (17.4%), *i.e.* Rhinoceros Hornbill, Black-banded Barbet, White-breasted Babbler and Spotted Crocias are protected (Anonymous 2007).

Some bird species that are found in Gunung Halimun-Salak National Park recently have been considered heavily threatened by the cage bird trade (Lee *et al.* 2016). Those species include Greater Green Leafbird (*Chloropsis sonneratii*), Orange-spotted Bulbul (*Pycnonotus bimaculatus*), Grey-cheeked Bulbul (*Criniger bres*), Asian Fairy Bluebird (*Irena puella*), Long-tailed Shrike, Oriental Magpie Robin (*Copsychus saularis*), White-rumped Shama (*Copsychus malabaricus*), Chestnut-capped Thrush, Orange-headed Thrush (*Zoothera citrina*), Rufous-fronted Laughing Thrush, Hill Blue Flycatcher (*Cyornis banyumas*), Oriental White-eye (*Zosterops palpebrosus*), Pin-tailed Parrot-Finch (*Erythrura prasina*), Java Sparrow (*Padda oryzivora*), Asian Pied Starling (*Sturnus contra*), Javan Myna (*Acridotheres javanicus*) and Short-tailed Green Magpie. Currently, regional strategies to conserve those species are being implemented. It is expected that the strategy would include population assessment of those species at Gunung Halimun-Salak National Park to update their distribution and population in the park.

## CONCLUSIONS

Gunung Halimun-Salak National Park as a part of the Endemic Bird Area 160 has the highest bird species richness in the Java-Bali region, especially in terms of endemic restricted range species. However, only some of the restricted range bird species recorded in the area have been protected.

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**Table 3.** List of birds of Gunung Halimun-Salak National Park, West Java, Indonesia

No	Family	Species	Common Name	National Protection Status	IUCN Category
1	Phalacrocoraciidae	<i>Anhinga melanogaster</i> Pennant, 1769	Darter	Protected by A, B	Near Threatened
2	Ardeidae	<i>Ardea cinerea</i> Linnaeus, 1758	Grey Heron	Not protected	Least Concern
3	Ardeidae	<i>Butorides striatus</i> (Linnaeus, 1758)	Striated Heron	Not protected	Least Concern
4	Ardeidae	<i>Gorsachius melanolophus</i> (Raffles, 1822)	Malayan Night Heron	Not protected	Least Concern
5	Ardeidae	<i>Ixobrychus eurythmus</i> (Swinhoe, 1873)	Schrenck's Bittern	Not protected	Least Concern
6	Ciconiidae	<i>Ciconia episcopus</i> (Boddaert, 1783)	Woolly-necked Stork	Protected by A, B	Vulnerable
7	Accipitridae	<i>Pernis ptilorhynchus</i> (Temminck, 1821)	Crested Honey Buzzard	Protected by A, B	Least Concern
8	Accipitridae	<i>Elanus caeruleus</i> (Desfontaines, 1789)	Black-winged Kite	Protected by A, B	Least Concern
9	Accipitridae	<i>Haliastur indus</i> (Boddaert, 1783)	Brahminy Kite	Protected by A, B	Least Concern
10	Accipitridae	<i>Haliaeetus leucogaster</i> (Gmelin, 1788)	White-bellied Sea-eagle	Protected by A, B	Least Concern
11	Accipitridae	<i>Ichthyophaga ichthyaetus</i> (Horsfield, 1821)	Grey-headed Fish Eagle	Protected by A, B	Near Threatened
12	Accipitridae	<i>Spilornis cheela</i> (Latham, 1790)	Crested Serpent Eagle	Protected by A, B	Least Concern
13	Accipitridae	<i>Accipiter trivirgatus</i> (Temminck, 1824)	Crested Goshawk	Protected by A, B	Least Concern
14	Accipitridae	<i>Accipiter soloensis</i> (Horsfield, 1821)	Chinese Sparrowhawk	Protected by A, B	Least Concern
15	Accipitridae	<i>Accipiter gularis</i> (Temminck & Schlegel, 1844)	Japanese Sparrowhawk	Protected by A, B	Least Concern
16	Accipitridae	<i>Accipiter virgatus</i> (Temminck, 1822)	Besra	Protected by A, B	Least Concern
17	Accipitridae	<i>Ictinaetus malayensis</i> (Temminck, 1822)	Black Eagle	Protected by A, B	Least Concern
18	Accipitridae	<i>Hieraeetus kienerii</i> (Geoffroy Saint-Hilaire, 1835)	Rufous-bellied Eagle	Protected by A, B	Least Concern
19	Accipitridae	<i>Spizaetus cirrhatus</i> (Gmelin, 1788)	Crested Hawk -eagle	Protected by A, B	Least Concern
20	Accipitridae	<i>Spizaetus bartelsi</i> Stresemann, 1924 (EJ)	Javan Hawk-eagle	Protected by A, B	Endangered
21	Falconidae	<i>Microchierax fringillarius</i> (Drapiez, 1824)	Black-thighed Falconet	Protected by A, B	Not Evaluated
22	Falconidae	<i>Falco moluccensis</i> (Bonaparte, 1850)	Spotted Kestrel	Protected by A, B	Least Concern
23	Phasianidae	<i>Arborophila orientalis</i> (Horsfield, 1821) (E)	Grey-breasted Partridge	Not protected	Vulnerable

No	Family	Species	Common Name	National Protection Status	IUCN Category
24	Phasianidae	<i>Arborophila javanica</i> (Gmelin, 1789) (EJ)	Chestnut-bellied Partridge	Not protected	Least Concern
25	Phasianidae	<i>Gallus gallus</i> (Linnaeus, 1758)	Red Jungle Fowl	Not protected	Least Concern
26	Phasianidae	<i>Gallus varius</i> (Shaw, 1798) (E)	Green Jungle Fowl	Not protected	Least Concern
27	Turnicidae	<i>Turnix suscitator</i> (Gmelin, 1789)	Barred Buttonquail	Not protected	Least Concern
28	Rallidae	<i>Porzana paykullii</i> (Ljungh, 1813)	Band-bellied Crake	Not protected	Near Threatened
29	Rallidae	<i>Amaurornis phoenicurus</i> (Pennant, 1769)	White-breasted Waterhen	Not protected	Least Concern
30	Scolopacidae	<i>Scolopax saturata</i> Horsfield, 1821	Javan Woodcock	Not protected	Near Threatened
31	Columbidae	<i>Treron oxyura</i> (Temminck, 1823) (E)	Sumatran Green Pigeon	Not protected	Near Threatened
32	Columbidae	<i>Treron sphenura</i> (Vigors, 1831)	Wedge-tailed Green Pigeon	Not protected	Least Concern
33	Columbidae	<i>Treron capellei</i> (Temminck, 1823)	Large Green Pigeon	Not protected	Vulnerable
34	Columbidae	<i>Treron vernans</i> (Linnaeus, 1771)	Pink-necked Green Pigeon	Not protected	Least Concern
35	Columbidae	<i>Ptilinopus porphyreus</i> (Temminck, 1823) (E)	Pink-headed Fruit Dove	Not protected	Least Concern
36	Columbidae	<i>Ptilinopus jambu</i> (Gmelin, 1789)	Jambu Fruit Dove	Not protected	Near Threatened
37	Columbidae	<i>Ptilinopus melanospila</i> (Salvadori, 1875)	Black-naped Fruit Dove	Not protected	Least Concern
38	Columbidae	<i>Ducula aenea</i> (Linnaeus, 1766)	Green Imperial Pigeon	Not protected	Least Concern
39	Columbidae	<i>Ducula badia</i> (Raffles, 1822)	Mountain Imperial Pigeon	Not protected	Least Concern
40	Columbidae	<i>Ducula lacernulata</i> (Temminck, 1823) (E)	Dark-backed Imperial Pigeon	Not protected	Least Concern
41	Columbidae	<i>Macropygia unchall</i> (Wagler, 1827)	Barred Cuckoo Dove	Not protected	Least Concern
42	Columbidae	<i>Macropygia emiliana</i> Bonaparte, 1854	Ruddy Cuckoo Dove	Not protected	Least Concern
43	Columbidae	<i>Macropygia ruficeps</i> (Temminck, 1874)	Little Cuckoo Dove	Not protected	Least Concern
44	Columbidae	<i>Streptopelia bitorquata</i> (Temminck, 1810)	Island Collared Dove	Not protected	Least Concern
45	Columbidae	<i>Streptopelia chinensis</i> (Scopoli, 1786)	Spotted Dove	Not protected	Least Concern
46	Columbidae	<i>Geopelia striata</i> (Linnaeus, 1766)	Zebra Dove	Not protected	Least Concern
47	Columbidae	<i>Chalcophaps indica</i> (Linnaeus, 1758)	Emerald Dove	Not protected	Least Concern

No	Family	Species	Common Name	National Protection Status	IUCN Category
48	Psittacidae	<i>Psittacula alexandri</i> (Linnaeus, 1758)	Red-breasted Parakeet	Not protected	Least Concern
49	Psittacidae	<i>Loriculus pusillus</i> G.R. Gray, 1859 (EJ)	Yellow-throated Hanging Parrot	Not protected	Near Threatened
50	Cuculidae	<i>Clamator coromandus</i> (Linnaeus, 1766)	Chestnut-winged Cuckoo	Not protected	Least concerned
51	Cuculidae	<i>Cuculus sparveroides</i> Vigors, 1831	Large Hawk-cuckoo	Not protected	Least Concern
52	Cuculidae	<i>Cuculus lepidus</i> S. Muller, 1845	Sunda Cuckoo	Not protected	Least Concern
53	Cuculidae	<i>Cuculus saturatus</i> Blyth, 1843	Oriental Cuckoo	Not protected	Least Concern
54	Cuculidae	<i>Cacomantis sonneratii</i> (Latham, 1790)	Banded Bay Cuckoo	Not protected	Least Concern
55	Cuculidae	<i>Cacomantis merulinus</i> (Scopoli, 1786)	Plaintive Cuckoo	Not protected	Least Concern
56	Cuculidae	<i>Cacomantis sepulcralis</i> (S. Müller, 1843)	Rusty-breasted Cuckoo	Not protected	Not Evaluated
57	Cuculidae	<i>Chrysococcyx xanthorhynchus</i> (Horsfield, 1821)	Violet Cuckoo	Not protected	Least Concern
58	Cuculidae	<i>Surniculus lugubris</i> (Horsfield, 1821)	Asian Drongo Cuckoo	Not protected	Least Concern
59	Cuculidae	<i>Rhamphococcyx curvirostris</i> Shaw, 1810	Chestnut-breasted Malkoha	Not protected	Least Concern
60	Cuculidae	<i>Centropus sinensis</i> Stephens, 1815	Greater Coucal	Not protected	Least Concern
61	Cuculidae	<i>Centropus bengalensis</i> Gmelin, 1788	Lesser Coucal	Not protected	Least Concern
62	Cuculidae	<i>Zanclostomus javanicus</i> Horsfield, 1821	Red-billed Malkoha	Not protected	Least Concern
63	Strigidae	<i>Otus rufescens</i> Horsfield, 1821	Reddish Scops Owl	Not protected	Near Threatened
64	Strigidae	<i>Otus angelinae</i> (Finsch, 1912) (EJ)	Javan Scops Owl	Not protected	Vulnerable
65	Strigidae	<i>Otus lempiji</i> (Horsfield, 1821)	Collared Scops Owl	Not protected	Least Concern
66	Strigidae	<i>Bubo sumatranus</i> Raffles, 1822	Barred Eagle Owl	Not protected	Least Concern
67	Strigidae	<i>Ketupa ketupu</i> Horsfield, 1821	Buffy Fish Owl	Not protected	Least Concern

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68	Strigidae	<i>Glaucidium castanopterum</i> Horsfield, 1821 (EJ)	Javan Owlet	Not protected	Least Concern
69	Strigidae	<i>Strix leptogrammica</i> Temminck, 1831	Brown Wood Owl	Not protected	Least Concern
70	Podargidae	<i>Batrachostomus javensis</i> Horsfield, 1821	Javan Frogmouth	Not protected	Least Concern
71	Podargidae	<i>Batrachostomus cornutus</i> (Temminck, 1822)	Sunda Frogmouth	Not protected	Least Concern
72	Caprimulgidae	<i>Caprimulgus macrurus</i> Horsfield, 1821	Large-tailed Nightjar	Not protected	Least Concern
73	Caprimulgidae	<i>Caprimulgus affinis</i> Horsfield, 1821	Savanna Nightjar	Not protected	Least Concern
74	Caprimulgidae	<i>Caprimulgus pulchellus</i> Salvadori, 1879 (E)	Salvadori's Nightjar	Not protected	Near Threatened
75	Apodidae	<i>Hydrochous gigas</i> Hartert & Butler, 1901	Giant Swiftlet	Not protected	Near Threatened
76	Apodidae	<i>Collocalia vulcanorum</i> (Stresemann, 1926) (EJ)	Volcano Swiftlet	Not protected	Near Threatened
77	Apodidae	<i>Collocalia fuciphaga</i> Thunberg, 1821	Edible-nest Swiftlet	Not protected	Not Applicable
78	Apodidae	<i>Collocalia salangana</i> (Streubel, 1848)	Mossy-nest Swiftlet	Not protected	Least Concern
79	Apodidae	<i>Collocalia linchi</i> (Horsfield & F. Moore, 1854)	Cave Swiftlet	Not protected	Least Concern
80	Apodidae	<i>Hirundapus caudacutus</i> Latham, 1801	White-throated Needletail	Not protected	Least Concern
81	Apodidae	<i>Hirundapus cochinchinensis</i> (Oustalet, 1878)	Silver-backed Needletail	Not protected	Least Concern
82	Apodidae	<i>Hirundapus giganteus</i> Temminck, 1825	Brown-backed Needletail	Not protected	Least Concern
83	Apodidae	<i>Apus pacificus</i> Latham, 1801	Fork-tailed Swift	Not protected	Least Concern
84	Apodidae	<i>Cypsiurus balasiensis</i> (J.E. Gray, 1829)	Asian Palm Swift	Not protected	Least Concern
85	Hemiprocnidae	<i>Hemiprocne longipennis</i> Rafinesque, 1802	Grey-rumped Trees- wift	Not protected	Least Concern
86	Trogonidae	<i>Apalharpactes reinwardtii</i> Temminck, 1822 (EJ)	Blue-tailed Trogon	Protected by A, B	Endangered
87	Trogonidae	<i>Harpactes oreskios</i> Temminck, 1823	Orange-breasted Trogon	Protected by A, B	Least Concern
88	Alcedinidae	<i>Alcedo meninting</i> Horsfield, 1821	Blue-eared Kingfisher	Protected by A, B	Least Concern

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89	Alcedinidae	<i>Alcedo euryzona</i> Temminck, 1830	Blue-banded Kingfisher	Protected by A, B	Critically Endangered
90	Alcedinidae	<i>Pelargopsis capensis</i> (Linnaeus, 1766)	Stork-billed Kingfisher	Protected by A, B	Least Concern
91	Alcedinidae	<i>Lacedo pulchella</i> (Horsfield, 1821)	Banded Kingfisher	Protected by A, B	Least Concern
92	Alcedinidae	<i>Halcyon cyanoventris</i> (Vieillot, 1818) (EJ)	Javan Kingfisher	Protected by A, B	Least Concern
93	Alcedinidae	<i>Todirhamphus chloris</i> Boddaert, 1783	Collared Kingfisher	Protected by A, B	Least Concern
94	Bucerotidae	<i>Rhyticeros undulatus</i> Shaw, 1811	Wreathed Honbill	Protected by A, B	Least Concern
95	Bucerotidae	<i>Anthracoceros albirostris</i> (Shaw, 1807)	Oriental Pied Hornbill	Protected by A, B	Least Concern
96	Bucerotidae	<i>Buceros rhinoceros</i> Linnaeus, 1758	Rhinoceros Hornbill	Protected by A, B	Near Threatened
97	Capitonidae	<i>Megalaima lineata</i> (Vieillot, 1816)	Lineated Barbet	Not protected	Least Concern
98	Capitonidae	<i>Megalaima corvina</i> Temminck, 1831 (EJ)	Brown-throated Barbet	Protected by A, B	Least Concern
99	Capitonidae	<i>Megalaima javensis</i> Horsfield, 1821 (EJ)	Black-banded Barbet	Protected by A, B	Near Threatened
100	Capitonidae	<i>Megalaima armillaris</i> Temminck, 1821 (EJ)	Flame-fronted Barbet	Protected by A, B	Least Concern
101	Capitonidae	<i>Megalaima australis</i> Horsfield, 1821	Blue-eared Barbet	Not protected	Not Applicable
102	Capitonidae	<i>Megalaima haemacephala</i> P.L.S. Mueller, 1776)	Coppersmith Barbet	Not protected	Least Concern
103	Picidae	<i>Sasia abnormis</i> Temminck, 1825	Rufous Piculet	Not protected	Least Concern
104	Picidae	<i>Micropterus brachyurus</i> (Vieillot, 1818)	Rufous Woodpecker	Not protected	Least Concern
105	Picidae	<i>Picus vittatus</i> Vieillot, 1818	Laced Woodpecker	Not protected	Least Concern
106	Picidae	<i>Picus mentalis</i> Temminck, 1825	Checker-throated Woodpecker	Not protected	Not Applicable
107	Picidae	<i>Picus puniceus</i> Horsfield, 1821	Crimson-winged Woodpecker	Not protected	Least Concern
108	Picidae	<i>Picus miniaceus</i> Pennant, 1769	Banded Woodpecker	Not protected	Least Concern
109	Picidae	<i>Dinopium javanense</i> Ljungh, 1797	Common Goldenback	Not protected	Not Applicable
110	Picidae	<i>Meiglyptes tristis</i> Horsfield, 1821	Buff-rumped Woodpecker	Not protected	Endangered

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111	Picidae	<i>Mulleripicus pulverulentus</i> Temminck, 1826	Great Slaty Woodpecker	Not protected	Vulnerable
112	Picidae	<i>Dryocopus javensis</i> Horsfield, 1821	White-bellied Woodpecker	Not protected	Least Concern
113	Picidae	<i>Dendrocopos macei</i> Vieillot, 1818	Fulvous-breasted Woodpecker	Not protected	Least Concern
114	Picidae	<i>Dendrocopos moluccensis</i> Gmelin, 1788	Sunda Pygmy Woodpecker	Not protected	Least Concern
115	Picidae	<i>Hemicircus concretus</i> Temminck, 1821	Grey- and- buff Woodpecker	Not protected	Least Concern
116	Picidae	<i>Reinwardtipicus validus</i> Temminck, 1825	Orange-backed Woodpecker	Not protected	Least Concern
117	Eurylaimidae	<i>Eurylaimus javanicus</i> Horsfield, 1821	Banded Broadbill	Not protected	Least Concern
118	Pittidae	<i>Pitta guajana</i> P.L.S. Mueller, 1776	Banded Pitta	Protected by A, B	Least Concern
119	Pittidae	<i>Pitta sordida</i> (P.L.S.Mueller, 1776)	Hooded Pitta	Protected by A, B	Least Concern
120	Hirundinidae	<i>Hirundo rustica</i> Linnaeus, 1758	Barn Swallow	Not protected	Least Concern
121	Hirundinidae	<i>Hirundo tahitica</i> Gmelin, 1789	Pacific Swallow	Not protected	Least Concern
122	Hirundinidae	<i>Hirundo striolata</i> Temminck & Schlegel, 1847	Striated Swallow	Not protected	Least Concern
123	Hirundinidae	<i>Delichon dasypus</i> Bonaparte, 1850	Asian House Martin	Not protected	Least Concern
124	Motacillidae	<i>Dendronanthus indicus</i> (Gmelin, 1789)	Forest Wagtail	Not protected	Least Concern
125	Motacillidae	<i>Motacilla flava</i> Linnaeus, 1758	Western Yellow Wagtail	Not protected	Least Concern
126	Motacillidae	<i>Motacilla cinerea</i> Tunstall, 1771	Grey Wagtail	Not protected	Least Concern
127	Campephagidae	<i>Coracina javensis</i> (Horsfield, 1821) (EJ)	Javan Cuckooshrike	Not protected	Least Concern
128	Campephagidae	<i>Coracina larvata</i> (S. Mueller, 1843)	Sunda Cuckooshrike	Not protected	Least Concern
129	Campephagidae	<i>Coracina fimbriata</i> (Temminck, 1824)	Lesser Cuckooshrike	Not protected	Least Concern
130	Campephagidae	<i>Lalage nigra</i> (J.R. Forster, 1781)	Pied Triller	Not protected	Least Concern
131	Campephagidae	<i>Pericrocotus miniatus</i> (Temminck, 1822) (E)	Sunda Minivet	Not protected	Least Concern

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132	Campephagidae	<i>Pericrocotus flammeus</i> (J.R. Forster, 1781)	Scarlet Minivet	Not protected	Least Concern
133	Campephagidae	<i>Hemipus hirundinaceus</i> (Temminck, 1822)	Black-winged Flycatcher-shrike	Not protected	Least Concern
134	Campephagidae	<i>Tephrodornis virgatus</i> (Temminck, 1824)	Large Woodshrike	Not protected	Least Concern
135	Aegithinidae	<i>Aegithina tiphia</i> (Linnaeus, 1758)	Common Iora	Not protected	Least Concern
136	Chloropseidae	<i>Chloropsis sonneratii</i> Jardine & Selby, 1827	Greater Green Leafbird	Not protected	Least Concern
137	Chloropseidae	<i>Chloropsis cochinchinensis</i> (Gmelin, 1789)	Blue-winged Leafbird	Not protected	Least Concern
138	Pycnonotidae	<i>Pycnonotus atriceps</i> (Temminck, 1822)	Black-headed Bulbul	Not protected	Least Concern
139	Pycnonotidae	<i>Pycnonotus melanicterus</i> (Gmelin, 1789)	Black-crested Bulbul	Not protected	Least Concern
140	Pycnonotidae	<i>Pycnonotus squamatus</i> (Temminck, 1828)	Scaly-breasted Bulbul	Not protected	Near Threatened
141	Pycnonotidae	<i>Pycnonotus aurigaster</i> (Jardine & Selby, 1837)	Sooty-headed Bulbul	Not protected	Least Concern
142	Pycnonotidae	<i>Pycnonotus bimaculatus</i> (Horsfield, 1821) (E)	Orange-spotted Bulbul	Not protected	Least Concern
143	Pycnonotidae	<i>Pycnonotus goiavier</i> (Scopoli, 1786)	Yellow-vented Bulbul	Not protected	Least Concern
144	Pycnonotidae	<i>Pycnonotus plumosus</i> Blyth, 1845	Olive-winged Bulbul	Not protected	Least Concern
145	Pycnonotidae	<i>Pycnonotus simplex</i> Lesson, 1839	Cream-vented Bulbul	Not protected	Least Concern
146	Pycnonotidae	<i>Pycnonotus brunneus</i> Blyth, 1845	Asian Red-eyed Bulbul	Not protected	Least Concern
147	Pycnonotidae	<i>Criniger bres</i> (Lesson, 1831)	Grey-cheeked Bulbul	Not protected	Least Concern
148	Pycnonotidae	<i>Ixos virescens</i> Temminck, 1825 (E)	Sunda Bulbul	Not protected	Near Threatened
149	Irenidae	<i>Irena puella</i> (Latham, 1790)	Asian Fairy Bluebird	Not protected	Least Concern
150	Laniidae	<i>Lanius tigrinus</i> Drapiez, 1828	Tiger Shrike	Not protected	Least Concern



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151	Laniidae	<i>Lanius cristatus</i> Linnaeus, 1758	Brown Shrike	Not protected	Least Concern
152	Laniidae	<i>Lanius schah</i> Linnaeus, 1758	Long-tailed Shrike	Not protected	Least Concern
153	Turdidae	<i>Brachypteryx leucophrys</i> (Temminck, 1828)	Lesser Shortwing	Not protected	Least Concern
154	Turdidae	<i>Brachypteryx montana</i> Horsfield, 1821	White-browed Shortwing	Not protected	Least Concern
155	Turdidae	<i>Luscinia cyane</i> (Pallas, 1776)	Siberian Blue Robin	Not protected	Least Concern
156	Turdidae	<i>Copsychus saularis</i> (Linnaeus, 1758)	Oriental Magpie Robin	Not protected	Least Concern
157	Turdidae	<i>Copsychus malabaricus</i> (Scopoli, 1786)	White-rumped Shama	Not protected	Least Concern
158	Turdidae	<i>Cinclidium diana</i> (Lesson, 1831) (E)	Sunda Robin	Not protected	Least Concern
159	Turdidae	<i>Enicurus velatus</i> Temminck, 1822 (E)	Sunda Forktail	Not protected	Least Concern
160	Turdidae	<i>Enicurus leschenaulti</i> (Vieillot, 1818)	White-crowned Forktail	Not protected	Least Concern
161	Turdidae	<i>Cochoa azurea</i> (Temminck, 1824) (EJ)	Javan Cochoa	Not protected	Vulnerable
162	Turdidae	<i>Myophonus glaucinus</i> (Temminck, 1823) (EJ)	Sunda Whistling Thrush	Not protected	Least Concern
163	Turdidae	<i>Myophonus caeruleus</i> (Scopoli, 1786)	Brown-winged Whistling Thrush	Not protected	Least Concern
164	Turdidae	<i>Zoothera interpres</i> (Temminck, 1828)	Chestnut-capped Thrush	Not protected	Near Threatened
165	Turdidae	<i>Zoothera citrina</i> (Latham, 1790)	Orange-headed Thrush	Not protected	Least Concern
166	Turdidae	<i>Zoothera sibirica</i> (Pallas, 1776)	Siberian Thrush	Not protected	Least Concern
167	Turdidae	<i>Zoothera andromedae</i> (Temminck, 1826)	Sunda Thrush	Not protected	Least Concern
168	Turdidae	<i>Zoothera dauma</i> (Latham, 1790)	Scaly Thrush	Not protected	Least Concern
169	Turdidae	<i>Turdus obscurus</i> Gmelin, 1789	Eye-browed Thrush	Not protected	Least Concern
170	Timaliidae	<i>Pellorneum capistratum</i> (Temminck, 1823)	Black-capped Babbler	Not protected	Least Concern

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171	Timaliidae	<i>Pellorneum pyrrogenys</i> (Temminck, 1827)	Temminck's Babbler	Not protected	Least Concern
172	Timaliidae	<i>Malacocincla sepiarium</i> (Horsfield, 1821)	Horsfield's Babbler	Not protected	Least Concern
173	Timaliidae	<i>Malacopteron cinereum</i> Eyton, 1839	Scaly-crowned Babbler	Not protected	Least Concern
174	Timaliidae	<i>Pomatorhinus montanus</i> Horsfield, 1821	Chestnut-backed Scimitar-Babbler	Not protected	Least Concern
175	Timaliidae	<i>Napothera macrodactyla</i> (Strickland, 1844)	Large-Wren Babbler	Not protected	Near Threatened
176	Timaliidae	<i>Napothera epilepidota</i> (Temminck, 1828)	Eye-browed Wren-Babbler	Not protected	Least Concern
177	Timaliidae	<i>Pnoepyga pusilla</i> Hodgson, 1845	Pygmy Wren-babbler	Not protected	Least Concern
178	Timaliidae	<i>Stachyris grammiceps</i> (Temminck, 1827) (EJ)	White-breasted Babbler	Protected by A, B	Near Threatened
179	Timaliidae	<i>Stachyris thoracica</i> (Temminck, 1821) (E)	White-bibbed Babbler	Not protected	Least Concern
180	Timaliidae	<i>Stachyris melanothorax</i> (Temminck, 1823) (EJ)	Crescent-chested Babbler	Protected by A, B	Least Concern
181	Timaliidae	<i>Macronous flavicollis</i> (Bonaparte, 1850) (EJ)	Grey-cheeked Tit-babbler	Not protected	Least Concern
182	Timaliidae	<i>Macronous gularis</i> (Horsfield, 1822)	Striped Tit-babbler	Not protected	Least Concern
183	Timaliidae	<i>Timalia pileata</i> Horsfield, 1821	Chestnut-capped Babbler	Not protected	Least Concern
184	Timaliidae	<i>Garrulax rufifrons</i> Lesson, 1831 (EJ)	Rufous-fronted Laughing Thrush	Protected by A, B	Endangered
185	Timaliidae	<i>Pteruthius flaviscapis</i> (Temminck, 1836)	White-browed Shrike-babbler	Not protected	Least Concern
186	Timaliidae	<i>Pteruthius aenobarbus</i> (Temminck, 1836)	Chestnut-fronted Shrike Babbler	Not protected	Least Concern
187	Timaliidae	<i>Alcippe pyrrhoptera</i> (Bonaparte, 1850) (EJ)	Javan Fulvetta	Protected by A, B	Least Concern
188	Timaliidae	<i>Crocias albonotatus</i> (Lesson, 1832) (EJ)	Spotted Crocias	Protected by A, B	Near Threatened
189	Sylviidae	<i>Tesia superciliaris</i> (Bonaparte, 1850) (EJ)	Javan Tesia	Not protected	Least Concern
190	Sylviidae	<i>Cettia vulcania</i> (Blyth, 1870)	Sunda Bush Warbler	Not protected	Least Concern

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191	Sylviidae	<i>Megalurus palustris</i> Horsfield, 1821	Striated Grassbird	Not protected	Least Concern
192	Sylviidae	<i>Acrocephalus orientalis</i> (Temminck & Schlegel, 1847)	Oriental Reed Warbler	Not protected	Under review
193	Sylviidae	<i>Cisticola juncidis</i> (Rafinesque, 1810)	Zitting Cisticola	Not protected	Least Concern
194	Sylviidae	<i>Prinia polychroa</i> (Temminck, 1828)	Brown Prinia	Not protected	Least Concern
195	Sylviidae	<i>Prinia familiaris</i> Horsfield, 1821 (E)	Bar-winged Prinia	Not protected	Least Concern
196	Sylviidae	<i>Prinia flaviventris</i> (Delessert, 1840)	Yellow-bellied Prinia	Not protected	Least Concern
197	Sylviidae	<i>Prinia inornata</i> Sykes, 1832	Plain Prinia	Not protected	Least Concern
198	Sylviidae	<i>Orthotomus cucullatus</i> Temminck, 1836	Mountain Tailorbird	Not protected	Least Concern
199	Sylviidae	<i>Orthotomus sutorius</i> (Pennant, 1769)	Common Tailorbird	Not protected	Least Concern
200	Sylviidae	<i>Orthotomus sepium</i> Horsfield, 1821 (E)	Olive-backed Tailorbird	Not protected	Least Concern
201	Sylviidae	<i>Phylloscopus borealis</i> (H. Blasius, 1858)	Arctic Warbler	Not protected	Least Concern
202	Sylviidae	<i>Phylloscopus trivirgatus</i> Strickland, 1849	Mountain Leaf Warbler	Not protected	Least Concern
203	Sylviidae	<i>Seicercus grammiceps</i> (Strickland, 1849) (E)	Sunda Warbler	Not protected	Least Concern
204	Sylviidae	<i>Abroscopus superciliosus</i> (Blyth, 1859)	Yellow-bellied Warbler	Not protected	Least Concern
205	Muscicapidae	<i>Rhinomyias olivacea</i> (Hume, 1877)	Fulvous-chested Jungle Flycatcher	Not protected	Least Concern
206	Muscicapidae	<i>Rhinomyias brunneata</i> (Slater, 1897)	Brown-chested Jungle Flycatcher	Not protected	Vulnerable
207	Muscicapidae	<i>Muscicapa dauurica</i> Pallas, 1811	Asian Brown Flycatcher	Not protected	Least Concern
208	Muscicapidae	<i>Muscicapa ferruginea</i> (Hodgson, 1845)	Ferruginous Flycatcher	Not protected	Least Concern
209	Muscicapidae	<i>Eumyias indigo</i> (Horsfield, 1821)	Indigo Flycatcher	Not protected	Least Concern
210	Muscicapidae	<i>Ficedula mugimaki</i> (Temminck, 1836)	Mugimaki Flycatcher	Not protected	Least Concern

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211	Muscicapidae	<i>Ficedula hyperythra</i> (Blyth, 1843)	Snowy-browed Flycatcher	Not protected	Least Concern
212	Muscicapidae	<i>Ficedula dumetoria</i> (Wallace, 1864)	Rufous-chested Flycatcher	Not protected	Near Threatened
213	Muscicapidae	<i>Ficedula westermanni</i> (Sharpe, 1888)	Little Pied Flycatcher	Not protected	Least Concern
214	Muscicapidae	<i>Cyanoptila cyanomelana</i> (Temminck, 1829)	Blue-and-white Flycatcher	Not protected	Least Concern
215	Muscicapidae	<i>Cyornis unicolor</i> Blyth, 1843	Pale Blue Flycatcher	Not protected	Least Concern
216	Muscicapidae	<i>Cyornis banyumas</i> (Horsfield, 1821)	Hill Blue Flycatcher	Not protected	Least Concern
217	Muscicapidae	<i>Culicicapa ceylonensis</i> (Swainson, 1820)	Grey-headed Canary Flycatcher	Not protected	Least Concern
218	Acanthizidae	<i>Gerygone sulphurea</i> Wallace, 1864	Golden-bellied Gerygone	Not protected	Least Concern
219	Platysteridae	<i>Philentoma velatum</i> (Temminck, 1825)	Maroon-breasted Philentoma	Not protected	Near Threatened
220	Monarchidae	<i>Hypothymis azurea</i> (Boddaert, 1783)	Black-naped Monarch	Not protected	Least Concern
221	Monarchidae	<i>Terpsiphone paradisi</i> (Linnaeus, 1758)	Asian Paradise Flycatcher	Not protected	Least Concern
222	Rhipiduridae	<i>Rhipidura phoenicura</i> S. Mueller, 1843 (EJ)	Rufous-tailed Fantail	Protected by A, B	Least Concern
223	Rhipiduridae	<i>Rhipidura euryura</i> S. Mueller, 1843	White-bellied Fantail	Protected by A, B	Least Concern
224	Aegithalidae	<i>Psaltria exilis</i> Temminck, 1836 (EJ)	Pygmy Bushtit	Protected by A, B	Least Concern
225	Paridae	<i>Parus major</i> Linnaeus, 1758	Great Tit	Not protected	Least Concern
226	Sittidae	<i>Sitta frontalis</i> Swainson, 1820	Velvet-fronted Nuthatch	Not protected	Least Concern
227	Sittidae	<i>Sitta azurea</i> Lesson, 1830	Blue Nuthatch	Not protected	Least Concern
228	Dicaeidae	<i>Prionochilus percussus</i> (Temminck, 1826)	Crimson-breasted Flowerpecker	Not protected	Least Concern
229	Dicaeidae	<i>Dicaeum trigonostigma</i> (Scopoli, 1786)	Orange-bellied Flowerpecker	Not protected	Least Concern
230	Dicaeidae	<i>Dicaeum concolor</i> Jerdon, 1840	Plain Flowerpecker	Not protected	Least Concern

No	Family	Species	Common Name	National Protection Status	IUCN Category
231	Dicaeidae	<i>Dicaeum sanguinolentum</i> Temminck, 1829	Blood-breasted Flowerpecker	Not protected	Least Concern
232	Dicaeidae	<i>Dicaeum trochileum</i> (Sparrman, 1789) (E)	Scarlet-headed Flowerpecker	Not protected	Least Concern
233	Nectarinidae	<i>Anthreptes malacensis</i> (Scopoli, 1786)	Brown-throated Sunbird	Protected by A, B	Least Concern
234	Nectarinidae	<i>Anthreptes singalensis</i> Gmelin, 1789	Rubby-cheeked Sunbird	Protected by A, B	Least Concern
235	Nectarinidae	<i>Leptocoma sperata</i> Linnaeus, 1766	Purple-throated Sunbird	Protected by A, B	Least Concern
236	Nectarinidae	<i>Leptocoma calcostetha</i> (Jardine, 1843)	Copper-throated Sunbird	Protected by A, B	Least Concern
237	Nectarinidae	<i>Cinnyris jugularis</i> (Linnaeus, 1766)	Olive-backed Sunbird	Protected by A, B	Least Concern
238	Nectarinidae	<i>Aethopyga eximia</i> (Horsfield, 1821) (EJ)	White-flanked Sunbird	Protected by A, B	Least Concern
239	Nectarinidae	<i>Aethopyga siparaja</i> (Raffles, 1822)	CrimsonSunbird	Protected by A, B	Least Concern
240	Nectarinidae	<i>Aethopyga mystacallis</i> (Temminck, 1822) (EJ)	Javan Sunbird	Protected by A, B	Least Concern
241	Nectarinidae	<i>Arachnothera longirostra</i> (Latham, 1790)	Little Spiderhunter	Protected by A, B	Least Concern
242	Nectarinidae	<i>Arachnothera robusta</i> Muller & Schlegel, 1845	Long-billed Spiderhunter	Protected by A, B	Least Concern
243	Nectarinidae	<i>Arachnothera affinis</i> (Horsfield, 1821)	Streaky-breasted Spiderhunter	Protected by A, B	Least Concern
244	Zosteropidae	<i>Zosterops palpebrosus</i> (Temminck, 1824)	Oriental White-eye	Not protected	Least Concern
245	Zosteropidae	<i>Zosterops montanus</i> Bonaparte, 1850	Mountain White-eye	Not protected	Least Concern
246	Zosteropidae	<i>Lophozosterops javanicus</i> (Horsfield, 1821) (EJ)	Grey-throated White-eye	Protected by A, B	Least Concern
247	Estrildidae	<i>Erythrura hyperythra</i> (Reichenbach, 1862)	Tawny-breasted Parrot-Finch	Not protected	Least Concern
248	Estrildidae	<i>Erythrura prasina</i> (Sparrman, 1788)	Pin-tailed Parrot-Finch	Not protected	Least Concern
249	Estrildidae	<i>Lonchura leucogastroides</i> (Horsfield & Moore, 1858) (E)	Javan Munia	Not protected	Least Concern
250	Estrildidae	<i>Lonchura punctulata</i> (Linnaeus, 1758)	Scaly-breasted Munia	Not protected	Least Concern

No	Family	Species	Common Name	National Protection Status	IUCN Category
251	Estrildidae	<i>Lonchura maja</i> (Linnaeus, 1766)	White-headed Munia	Not protected	Least Concern
252	Estrildidae	<i>Padda oryzivora</i> (Linnaeus, 1758) (EJ)	Java Sparrow	Not protected	Vulnerable
253	Ploceidae	<i>Passer montanus</i> (Linnaeus, 1758)	Eurasian Tree Sparrow	Not protected	Least Concern
254	Sturnidae	<i>Aplonis minor</i> (Bonaparte, 1850)	Short-tailed Starling	Not protected	Least Concern
255	Sturnidae	<i>Aplonis panayensis</i> (Scopoli, 1786)	Asian Glossy Starling	Not protected	Least Concern
256	Sturnidae	<i>Sturnus contra</i> Linnaeus, 1758	Asian Pied Starling	Not protected	Least Concern
257	Sturnidae	<i>Acridotheres javanicus</i> Cabanis, 1850	Javan Myna	Not protected	Least Concern
258	Oriolidae	<i>Oriolus chinensis</i> Linnaeus, 1766	Black-naped Oriole	Not protected	Near Threatened
259	Oriolidae	<i>Oriolus cruentus</i> (Wagler, 1827)	Black-and-cimson Oriole	Not protected	Least Concern
260	Dicruridae	<i>Dicrurus macrocercus</i> Vieillot, 1817	Black Drongo	Not protected	Least Concern
261	Dicruridae	<i>Dicrurus leucophaeus</i> Vieillot, 1817	Ashy Drongo	Not protected	Least Concern
262	Dicruridae	<i>Dicrurus annectans</i> (Hodgson, 1836)	Crow-billed Drongo	Not protected	Least Concern
263	Dicruridae	<i>Dicrurus remifer</i> (Temminck, 1823)	Lesser Racquet-tailed rongo	Not protected	Least Concern
264	Dicruridae	<i>Dicrurus hottentotus</i> (Linnaeus, 1766)	Hair-crested Drongo	Not protected	Least Concern
265	Dicruridae	<i>Dicrurus paradiseus</i> (Linnaeus, 1766)	Greater Racquet-tailed Drongo	Not protected	Least Concern
266	Artamidae	<i>Artamus leucorhynchus</i> (Linnaeus, 1771)	White-breasted Woodswallow	Not protected	Least Concern
267	Corvidae	<i>Platylophus galericulatus</i> (Cuvier, 1816)	Crested Jay	Not protected	Near Threatened
268	Corvidae	<i>Cissa thalassina</i> (Temminck, 1826)	Short-tailed Green Magpie	Not protected	Critically Endangered
269	Corvidae	<i>Crypsirina temia</i> (Daudin, 1800)	Racquet-tailed Treepie	Not protected	Least Concern
270	Corvidae	<i>Corvus enca</i> (Horsfield, 1821)	Sleder-billed Crow	Not protected	Least Concern
271	Corvidae	<i>Corvus macrorhynchus</i> Wagler, 1827	Large-billed Crow	Not protected	Least Concern

Note:

EJ: Javan endemic

E: Indonesian Endemic

A: Laws No. 5/1990

B: Government Regulations No.7 / 1999

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