



Supplementary Table

Correlation between resident birds and anthropogenic noise and particulate matter: A case study at Kasetsart University, Bangkok, Thailand

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Table S1 Species list of birds, local status, relative abundance and relative frequency

Order	Family	Scientific name	Common name	Status	Relative abundance (%)	Relative frequency (%)
Bucerotiformes	Bucerotidae	<i>Anthraceroceros albirostris</i>	Oriental pied hornbill	R	0.01	0.24
	Upupidae	<i>Upupa epops</i>	Eurasian hoopoe	R, N	0.01	0.24
Caprimulgiformes	Apodidae	<i>Cypsiurus balasiensis</i>	Asian palm swift	R	4.96	33.33
		<i>Apus nipalensis</i>	House swift	R	1.79	12.38
Charadriiformes	Jacanidae	<i>Metopidius indicus</i>	Bronze-winged jacana	R	0.02	0.24
Ciconiiformes	Ciconiidae	<i>Anastomus oscitans</i>	Asian openbill	R	0.86	14.29
Columbiformes	Columbidae	<i>Columba livia</i>	Rock pigeon	R	27.11	85.95
		<i>Geopelia striata</i>	Zebra dove	R	7.58	67.62
		<i>Spilopelia chinensis</i>	Eastern spotted dove	R	3.08	45.95
		<i>Streptopelia tranquebarica</i>	Red collared dove	R	0.91	13.33
		<i>Treron vernans</i>	Pink-necked green pigeon	R	0.49	8.81
Coraciiformes	Alcedinidae	<i>Alcedo atthis</i>	Common kingfisher	R, N	0.04	1.19
		<i>Pelargopsis capensis</i>	Stork-billed kingfisher	R	0.02	0.48
	Coraciidae	<i>Coracias affinis</i>	Indochinese roller	R	0.08	1.9
	Meropidae	<i>Merops philippinus</i>	Blue-tailed bee-eater	R, N	0.08	0.95
		<i>Merops orientalis</i>	Green bee-eater	R	0.04	0.71
Cuculiformes	Cuculidae	<i>Merops leschenaulti</i>	Chestnut-headed bee-eater	R, N	0.02	0.48
		<i>Eudynamys scolopaceus</i>	Asian koel	R	1.51	32.14
		<i>Cacomantis merulinus</i>	Plaintive cuckoo	R	0.15	2.86
		<i>Centropus sinensis</i>	Greater coucal	R	0.04	0.95
		<i>Aegithina tiphia</i>	Common iora	R	0.21	5
Passeriformes	Aegithinidae	<i>Aegithina tiphia</i>	Common iora	R	0.21	5
	Campephagidae	<i>Pericrocotus cinnamomeus</i>	Small minivet	R	0.58	3.1
	Cisticolidae	<i>Orthotomus sutorius</i>	Common tailorbird	R	0.45	11.19
		<i>Prinia inornata</i>	Plain prinia	R	0.13	2.38
	Corvidae	<i>Corvus leuallantii</i>	Eastern jungle crow	R	1.32	20.24

† Equal contribution.

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Table S1 Continued

Order	Family	Scientific name	Common name	Status	Relative abundance (%)	Relative frequency (%)
	Dicaeidae	<i>Dicaeum cruentatum</i>	Scarlet-backed flowerpecker	R	1.47	29.76
	Dicruridae	<i>Dicrurus leucophaeus</i>	Ashy drongo	R, N	0.15	4.05
	Estrildidae	<i>Lonchura punctulata</i>	Scaly-breasted munia	R	2.75	6.67
		<i>Lonchura oryzivora</i>	Java sparrow	R	0.17	1.9
		<i>Lonchura atricapilla</i>	Chestnut munia	R	0.04	0.24
		<i>Lonchura striata</i>	White-rumped munia	R, N	0.42	1.19
	Hirundinidae	<i>Hirundo rustica</i>	Barn swallow	R, N	1.93	8.57
	Laniidae	<i>Lanius cristatus</i>	Brown shrike	N	0.09	1.9
	Motacillidae	<i>Motacilla alba</i>	White wagtail	N, R	0.05	0.71
	Muscicapidae	<i>Copsychus saularis</i>	Oriental magpie robin	R	3.62	56.67
		<i>Ficedula albicilla</i>	Taiga flycatcher	N	0.17	3.81
		<i>Muscicapa dauurica</i>	Asian brown flycatcher	N, R	0.04	1.19
		<i>Monticola solitarius</i>	Blue rockthrush	N, R	0.02	0.48
		<i>Saxicola ferreus</i>	Grey bushchat	R	0.04	0.24
	Nectariniidae	<i>Cinnyris jugularis</i>	Olive-backed sunbird	R	1.63	34.05
		<i>Anthreptes malacensis</i>	Brown-throated sunbird	R	0.04	1.19
	Oriolidae	<i>Oriolus chinensis</i>	Black-naped oriole	N, R	0.46	10.24
	Passeridae	<i>Passer domesticus</i>	House sparrow	R	0.87	11.43
		<i>Passer montanus</i>	Eurasian tree sparrow	R	11.71	63.57
	Phylloscopidae	<i>Phylloscopus inornatus</i>	Yellow-browed leaf warbler	N	0.06	1.67
	Ploceidae	<i>Ploceus philippinus</i>	Baya weaver	R	0.02	0.24
	Pycnonotidae	<i>Pycnonotus conradi</i>	Streak-eared bulbul	R	5.79	67.38
		<i>Pycnonotus goiavier</i>	Yellow-vented bulbul	R	0.65	11.43
	Rhipiduridae	<i>Rhipidura javanica</i>	Malaysian pied fantail	R	0.85	17.14
	Sturnidae	<i>Acridotheres tristis</i>	Common myna	R	5.59	56.9
		<i>Acridotheres grandis</i>	White-vented myna	R	3.55	31.19
		<i>Gracupica nigricollis</i>	Black-collared myna	R	0.4	6.19
		<i>Gracupica contra</i>	Asian pied myna	R	0.25	3.81
Pelecaniformes	Ardeidae	<i>Egretta garzetta</i>	Little egret	R, N	0.29	5.71
		<i>Ardea intermedia</i>	Intermediate egret	R, N	0.03	0.71
		<i>Ardeola speciosa</i>	Javan pond heron	R	0.03	0.24
		<i>Bubulcus coromandus</i>	Eastern cattle egret	R	0.01	0.24
Piciformes	Megalaimidae	<i>Psilopogon haemacephalus</i>	Coppersmith barbet	R	5.28	63.57
Strigiformes	Strigidae	<i>Athene brama</i>	Spotted owlet	R	0.02	0.24
Suliformes	Phalacrocoracidae	<i>Microcarbo niger</i>	Little cormorant	R	0.05	1.43

R = resident or presumed resident; N = non-breeding visitor