

Appendix 1. Bird species recorded in rural settlements located in the Huaibei coal mining area of China. Bird abundance was the total number of individuals (over the five surveys) recorded in abandoned or inhabited villages in summer or winter. *T*-test was used to compare the abundance of each bird species between two village types and significant difference was denoted by * ($P < 0.05$) or ** ($P < 0.01$).

Order	Family name	Common name	Scientific name	Abundance in summer		Abundance in winter	
				Abandoned villages	Inhabited villages	Abandoned villages	Inhabited villages
FALCONIFORMES	Falconidae	Common Kestrel	<i>Falco tinnunculus</i>	2	0	3	0
GALLIFORMES	Phasianidae	Ring-necked Pheasant	<i>Phasianus colchicus</i>	0	0	18*	0
COLUMBIFORMES	Columbidae	Oriental Turtle-dove	<i>Streptopelia orientalis</i>	237**	55	226*	73
COLUMBIFORMES	Columbidae	Eastern Spotted Dove	<i>Spilopelia chinensis</i>	130*	36	173*	28
BUCEROTIFORMES	Accipitridae	Common Hoopoe	<i>Upupa epops</i>	24	1	26	0
CORACIIFORMES	Alcedinidae	Common Kingfisher	<i>Alcedo atthis</i>	1	0	1	0
ACCIPITRIFORMES	Accipitridae	Little Egret	<i>Hieraaetus morphnoides</i>	36	0	0	0
PELECANIFORMES	Ardeidae	Intermediate Egret	<i>Ardea intermedia</i>	1	0	0	0
PELECANIFORMES	Ardeidae	Chinese Pond-heron	<i>Ardeola bacchus</i>	2	0	0	0
PELECANIFORMES	Ardeidae	Cattle Egret	<i>Bubulcus ibis</i>	1	0	0	0
GRUIFORMES	Rallidae	Common Coot	<i>Fulica atra</i>	0	0	10	1
PICIFORMES	Picidae	Grey-capped Woodpecker	<i>Picoides canicapillus</i>	11	0	7	4
PICIFORMES	Picidae	Great spotted Woodpecker	<i>Dendropicus spodocephalus</i>	0	0	2	0
PICIFORMES	Picidae	Grey-headed Woodpecker	<i>Dendrocopos major</i>	0	0	4	0
PASSERIFORMES	Alaudidae	Oriental Skylark	<i>Alauda gulgula</i>	2	0	0	0
PASSERIFORMES	Hirundinidae	Barn Swallow	<i>Hirundo rustica</i>	126	139	0	0
PASSERIFORMES	Hirundinidae	Red-rumped Swallow	<i>Cecropis daurica</i>	4	4	0	0
PASSERIFORMES	Motacillidae	Olive-backed Pipit	<i>Anthus hodgsoni</i>	0	0	14	2

PASSERIFORMES	Motacillidae	Forest Wagtail	<i>Dendronanthus indicus</i>	0	1	0	0
PASSERIFORMES	Motacillidae	White Wagtail	<i>Motacilla alba</i>	25	7	17	11
PASSERIFORMES	Pycnonotidae	Light-vented Bulbul	<i>Pycnonotus sinensis</i>	826**	152	928**	220
PASSERIFORMES	Turdidae	Common Blackbird	<i>Turdus merula</i>	71	42	182	114
PASSERIFORMES	Turdidae	Dusky Thrush	<i>Turdus eunomus</i>	0	0	13	6
PASSERIFORMES	Muscicapidae	Daurian Redstart	<i>Phoenicurus auroreus</i>	10	1	5	3
PASSERIFORMES	Muscicapidae	Orange-flanked Bush-robin	<i>Tarsiger cyanurus</i>	0	0	7	0
PASSERIFORMES	Campephagidae	Ashy Minivet	<i>Pericrocotus divaricatus</i>	22	0	0	0
PASSERIFORMES	Sylviidae	Vinous-throated Parrotbill	<i>Sinosuthora webbiana</i>	26	0	40	0
PASSERIFORMES	Paridae	Yellow-bellied Tit	<i>Pardaliparus venustulus</i>	0	0	12	0
PASSERIFORMES	Paridae	Great Tit	<i>Parus major</i>	17	8	158*	40
PASSERIFORMES	Aegithalidae	Northern Long-tailed Tit	<i>Aegithalos caudatus</i>	6	0	63*	8
PASSERIFORMES	Laniidae	Brown Shrike	<i>Lanius cristatus</i>	235**	54	0	0
PASSERIFORMES	Laniidae	Long-tailed Shrike	<i>Lanius schach</i>	40*	6	35**	3
PASSERIFORMES	Corvidae	Asian Azure-winged Magpie	<i>Cyanopica cyanus</i>	88	29	65	38
PASSERIFORMES	Corvidae	Black-billed Magpie	<i>Pica hudsonia</i>	25	15	121	13
PASSERIFORMES	Sturnidae	White-cheeked Starling	<i>Spodiopsar cineraceus</i>	90	49	1109*	114
PASSERIFORMES	Passeridae	Eurasian Tree Sparrow	<i>Passer montanus</i>	255	727**	120	1173*
PASSERIFORMES	Dicruridae	Black Drongo	<i>Dicrurus macrocercus</i>	93*	19	0	0
PASSERIFORMES	Fringillidae	Brambling	<i>Fringilla montifringilla</i>	0	0	59	0
PASSERIFORMES	Fringillidae	Grey-capped Greenfinch	<i>Chloris sinica</i>	0	0	53	0
PASSERIFORMES	Fringillidae	Chinese Grosbeak	<i>Eophona migratoria</i>	51	0	64	22
PASSERIFORMES	Muscicapidae	Yellow-rumped Flycatcher	<i>Ficedula zanthopygia</i>	0	1	0	0
PASSERIFORMES	Leiotrichidae	Chinese Hwamei	<i>Garrulax canorus</i>	2	0	0	0
PASSERIFORMES	Emberizidae	Ochre-rumped Bunting	<i>Emberiza yessoensis</i>	0	0	3	0

PASSERIFORMES	Emberizidae	Yellow-throated Bunting	<i>Emberiza elegans</i>	0	0	45*	0
PASSERIFORMES	Emberizidae	Black-faced Bunting	<i>Emberiza spodocephala</i>	0	0	4	0
PASSERIFORMES	Emberizidae	Meadow Bunting	<i>Emberiza cioides</i>	0	0	2	0
PASSERIFORMES	Emberizidae	Little Bunting	<i>Emberiza pusilla</i>	0	0	12	0
