

Appendix 9.5

Bird Species Recorded During Field Survey

Species	Conservation Status ^[1]	Project Site Boundary						Assessment Area										
		WC	SH	UG	PL	WL	DA	WW	WC	PO	MA	AG	SH	UG	PL	WL	VA	DA
Amur Falcon <i>Falco amurensis</i>	-			0.11(1)*														
Slaty-legged Crane <i>Rallina eurizonoides</i>	-							0.11(1)										
White-breasted Waterhen <i>Amaurornis phoenicurus</i>	-									0.33(2)		0.33(1)				0.11(1)		
Common Moorhen <i>Gallinula chloropus</i>	-									3.89(8)		0.56(2)						
Yellow-legged Buttonquail <i>Turnix tanki</i>	-			0.11(1)														
Barred Buttonquail <i>Turnix suscitator</i>	-			0.11(1)														
Little Ringed Plover <i>Charadrius dubius</i>	(LC)											0.11(1)						
Greater Painted-snipe <i>Rostratula benghalensis</i>	LC											1.56(9)						
Eurasian Woodcock <i>Scolopax rusticola</i>	-					0.11(1)		0.11(1)	0.11(1)									
Pintail/ Swinhoe's Snipe <i>Gallinago stenura/ Gallinago megala</i> ^[3]	LC for Swinhoe's Snipe											0.11(1)						
Common Snipe <i>Gallinago gallinago</i>	-											0.33(3)		2.22(20)				
Green Sandpiper <i>Tringa ochropus</i>	-											0.33(1)						
Oriental Turtle Dove <i>Streptopelia orientalis</i>	-				0.11(1)					0.22(2)		0.56(4)				1.78(13)		
Red Turtle Dove <i>Streptopelia tranquebarica</i>	-											0.22(2)						
Spotted Dove <i>Spilopelia chinensis</i>	-			1.22(8)	0.56(2)	0.11(1)	0.22(2)					3.89(12)		1.22(8)	0.56(3)	1.56(6)		1.11(4)
Greater Coucal <i>Centropus sinensis</i>	Vu ^[4]									0.11(1)		0.11(1)	0.22(2)	0.33(2)		0.11(1)		0.11(1)
Lesser Coucal <i>Centropus bengalensis</i>	Vu ^[4]													0.22(2)				
Chestnut-winged Cuckoo <i>Clamator coromandus</i>	-					0.11(1)										0.11(1)		
Asian Koel <i>Eudynamys</i>	-				0.33(2)					0.11(1)		1.44(7)			0.22(1)	0.44(3)		0.33(2)

Species	Conservation Status ¹	Project Site Boundary						Assessment Area										
		WC	SH	UG	PL	WL	DA	WW	WC	PO	MA	AG	SH	UG	PL	WL	VA	DA
<i>scolopaceus</i>																		
Plaintive Cuckoo <i>Cacomantis merulinus</i>	-														0.11(1)			
Large Hawk Cuckoo <i>Hierococyx sparverioides</i>	-				0.44(4)					0.44(4)		0.33(2)			0.22(2)	1.11(9)		0.11(1)
Indian Cuckoo <i>Cuculus micropterus</i>	-				0.11(1)										0.11(1)			
Asian Barred Owlet <i>Glaucidium cuculoides</i>	-													0.11(1)		0.22(1)		
Savanna Nightjar <i>Caprimulgus affinis</i>	-			0.78(4)	0.11(1)									0.11(1)		0.11(1)		
Silver-backed Needletail <i>Hirundapus cochinchinensis</i>	-			0.11(1)														
House Swift <i>Apus nipalensis</i>	-			1.33(10)					0.44(4)	3.44(31)								
White-throated Kingfisher <i>Halcyon smyrnensis</i>	(LC)			0.11(1)	0.11(1)					0.11(1)	0.11(1)	0.11(1)		0.11(1)		0.11(1)		
Common Kingfisher <i>Alcedo atthis</i>	-									1(2)	0.11(1)	0.22(1)						
Pied Kingfisher <i>Ceryle rudis</i>	(LC)									1.22(3)								
Eurasian Wryneck <i>Jynx torquilla</i>	-				0.11(1)													
Grey-chinned Minivet <i>Pericrocotus solaris</i>	LC														0.22(2)			
Scarlet Minivet <i>Pericrocotus speciosus</i>	-				0.33(3)													
Brown Shrike <i>Lanius cristatus</i>	-				0.11(1)									0.11(1)				
Long-tailed Shrike <i>Lanius schach</i>	-		0.11(1)	1.44(4)	0.11(1)			0.11(1)		0.44(1)	0.11(1)	0.22(1)		0.56(3)		0.22(1)		0.11(1)
Black Drongo <i>Dicrurus macrocercus</i>	-	0.11(1)		1.56(7)	0.11(1)				0.67(6)	0.11(1)				0.11(1)	0.11(1)	0.11(1)		
Ashy Drongo <i>Dicrurus leucophaeus</i>	LC			0.11(1)														
Hair-crested Drongo <i>Dicrurus hottentottus</i>	-				0.78(4)								0.11(1)		3.33(28)	0.22(2)		
Black-naped Monarch <i>Hypothymis azurea</i>	-											0.22(2)				0.11(1)		
Red-billed Blue Magpie <i>Urocissa</i>	-			0.56(5)	1.33(6)	0.44(3)						0.11(1)			0.33(2)	1.22(6)		

Species	Conservation Status ^[1]	Project Site Boundary						Assessment Area										
		WC	SH	UG	PL	WL	DA	WW	WC	PO	MA	AG	SH	UG	PL	WL	VA	DA
<i>erythroryncha</i>																		
Eurasian Magpie <i>Pica pica</i>	-			0.11(1)	0.11(1)				0.22(2)	1(8)						0.56(4)		0.22(2)
Collared Crow <i>Corvus torquatus</i>	LC	0.11(1)		0.89(5)*					0.33(2)					0.11(1)		0.22(2)		
Large-billed Crow <i>Corvus macrorhynchos</i>	-											0.78(3)		0.11(1)				
Cinereous Tit <i>Parus cinereous</i>	-			0.33(3)	2.11(12)	1.33(8)		0.11(1)		0.22(2)	0.89(4)				2.56(16)	2.11(6)	0.33(3)	0.67(4)
Chinese Penduline Tit <i>Remiz consobrinus</i>	RC										0.66 (6)							
Red-whiskered Bulbul <i>Pycnonotus jocosus</i>	-		0.22(2)	2.22(10)	11.6(90)	3.56(16)	0.44(4)	0.11(1)	0.56(5)	2(10)		6.11(18)	2.22(8)	1.33(4)	3.56(20)	7.56(22)		0.33(3)
Chinese Bulbul <i>Pycnonotus sinensis</i>	-		1.56(10)	7.11(20)	14.1(90)	2.56(12)	0.67(6)	0.22(1)	1.11(10)	1.11(10)		7.78(27)	2.78(10)	2.22(16)	5(31)	8(26)	1.11(10)	0.89(4)
Sooty-headed Bulbul <i>Pycnonotus aurigaster</i>	-			4.22(14)	0.11(1)	0.11(1)				0.11(1)	0.11(1)	0.22(2)		2(12)				
Barn Swallow <i>Hirundo rustica</i>	-			4(11)					1.11(10)	1.44(10)				1(9)				0.11(1)
Red-rumped Swallow <i>Cecropis daurica</i>	-			0.56(4)														
Japanese Bush Warbler <i>Horornis diphone</i>	-			0.11(1)												0.33(3)		
Brown-flanked Bush Warbler <i>Horornis fortipes</i>	-			0.11(1)		0.44(3)		0.33(3)		0.11(1)		0.11(1)	0.22(2)					
Asian Stubtail <i>Urosphena squameiceps</i>	-				0.22(2)	0.22(2)										0.22(2)		
Dusky Warbler <i>Phylloscopus fuscatus</i>	-		0.11(1)	1.56(10)				0.22(1)		0.78(2)	0.44(2)	1.44(6)	0.11(1)	0.11(1)		0.44(1)		0.11(1)
Pallas's Leaf Warbler <i>Phylloscopus proregulus</i>	-					0.56(3)				0.22(2)					0.33(3)	0.56(4)		
Yellow-browed Warbler <i>Phylloscopus inornatus</i>	-			0.44(2)	0.56(4)	0.67(2)		0.11(1)		0.56(2)	0.11(1)	0.67(2)	0.11(1)	0.11(1)	0.22(2)	0.56(2)		
Arctic Warbler <i>Phylloscopus borealis</i>	-				0.33(2)									0.11(1)	0.11(1)			
Pale-legged Leaf Warbler <i>Phylloscopus tenellipes</i>	-					0.11(1)		0.11(1)										
Goodson's Leaf Warbler <i>Phylloscopus goodsoni</i>	LC					0.11(1)												
Oriental Reed Warbler	-														0.11(1)			

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		WC	SH	UG	PL	WL	DA	WW	WC	PO	MA	AG	SH	UG	PL	WL	VA	DA
<i>Acrocephalus orientalis</i>																		
Black-browed Reed Warbler <i>Acrocephalus bistrigiceps</i>	-										0.44(2)			0.11(1)				
Russet Bush Warbler <i>Locustella mandelli</i>	-			0.11(1)								0.11(1)						
Zitting Cisticola <i>Cisticola juncidis</i>	LC			1(5)								1(4)		0.11(1)				
Golden-headed Cisticola <i>Cisticola exilis</i>	LC		0.33(3)	4.33(13)										0.22(2)				
Yellow-bellied Prinia <i>Prinia flaviventris</i>	-		0.67(6)	2(5)	0.11(1)	0.11(1)				0.33(3)	0.33(2)	2(13)	0.33(2)	1.33(6)		1(5)		
Plain Prinia <i>Prinia inornata</i>	-			1.78(14)		0.11(1)				0.22(1)		1(4)				0.22(2)		
Common Tailorbird <i>Orthotomus sutorius</i>	-		0.33(3)	0.56(2)	0.33(2)	1.22(6)		0.11(1)		0.33(2)		0.78(4)	0.22(2)	0.22(2)	0.78(4)	1.78(7)	0.33(1)	
Chinese Hwamei <i>Garrulax canorus</i>	-		0.22(2)	0.88(2)	0.11(1)	0.33(2)		0.22(1)					0.33(3)			0.22(1)		
Masked Laughingthrush <i>Garrulax perspicillatus</i>	-		1.67(10)	2.11(10)	1.89(7)	0.67(6)		0.11(1)		0.44(4)		3.89(11)	0.44(4)	3.67(10)	1(9)	10.1(41)		
Black-throated Laughingthrush <i>Garrulax chinensis</i>	-														0.11(1)			
Chestnut-collared Yuhina <i>Yuhina castaniceps</i>	(LC)					1.33(12)												
Japanese White-eye <i>Zosterops japonicus</i>	-				3(20)	8.44(52)	4.67(42)	0.11(1)		0.67(6)	0.67(6)	2.22(6)		0.56(4)	6.78(35)	5.22(25)	0.11(1)	0.11(1)
Crested Myna <i>Acridotheres cristatellus</i>	-				0.11(1)					0.67(4)		6(25)		0.11(1)				
Common Myna <i>Acridotheres tristis</i>	-											0.22(2)						
Red-billed Starling <i>Spodiopsar sericeus</i>	GC											0.11(1)				0.56(5)		
White-cheeked Starling <i>Spodiopsar cineraceus</i>	PRC											1.33(8)						
Black-collared Starling <i>Gracupica nigricollis</i>	-			3.89(17)					0.22(2)	0.44(2)		6.56(17)		1.56(12)		0.44(2)	0.56(4)	
White-shouldered Starling <i>Sturnia sinensis</i>	(LC)											1.11(10)						

Species	Conservation Status ^[1]	Project Site Boundary						Assessment Area										
		WC	SH	UG	PL	WL	DA	WW	WC	PO	MA	AG	SH	UG	PL	WL	VA	DA
Blue Whistling Thrush <i>Myophonus caeruleus</i>	-		0.22(2)		0.44(2)	0.22(2)									0.11(1)	0.11(1)		
White's Thrush <i>Zoothera aurea</i>	-					0.11(1)							0.11(1)					
Grey-backed Thrush <i>Turdus hortulorum</i>	-			0.22(2)		0.89(6)								0.33(3)	0.67(2)	0.22(2)		
Common Blackbird <i>Turdus merula</i>	-			0.56(5)	0.56(3)													
Siberian Rubythroat <i>Luscinia calliope</i>	-		0.67(6)	1.56(9)					0.22(2)	0.33(3)	0.11(1)	0.11(1)	0.11(1)		0.33(2)			
Red-flanked Bluetail <i>Tarsiger cyanurus</i>	-		0.11(1)	0.22(1)	0.22(2)	0.44(3)								0.11(1)	0.33(2)			
Oriental Magpie Robin <i>Copsychus saularis</i>	-			0.44(2)	0.56(4)	0.56(3)	0.11(1)		0.11(1)	0.44(4)	0.11(1)	1.11(5)	0.11(1)		0.67(4)	1(4)		0.56(4)
Daurian Redstart <i>Phoenicurus aureus</i>	-		0.22(2)	1(5)	0.22(2)	0.33(3)						0.22(1)	0.11(1)	0.11(1)	0.44(3)	1.33(4)		
Stejneger's Stonechat <i>Saxicola stejnegeri</i>	-			0.67(3)						0.11(1)	0.11(1)	1.56(6)		0.67(3)				
Grey Bush Chat <i>Saxicola ferreus</i>	LC												0.11(1)			0.11(1)		
Grey-streaked Flycatcher <i>Muscicapa griseisticta</i>	-				0.56(5)													
Dark-sided Flycatcher <i>Muscicapa sibirica</i>	-													0.22(2)				
Asian Brown Flycatcher <i>Muscicapa latirostris</i>	-				0.11(1)									0.11(1)				
Red-throated Flycatcher <i>Ficedula albicilla</i>	-				0.11(1)	0.11(1)									0.56(2)	0.11(1)		
Fire-breasted Flowerpecker <i>Dicaeum ignipectus</i>	-														0.11(1)			
Scarlet-backed Flowerpecker <i>Dicaeum cruentatum</i>	-					0.22(1)		0.22(1)								0.22(2)		
Fork-tailed Sunbird <i>Aethopyga christinae</i>	-			0.11(1)											0.11(1)	0.44(2)		
Eurasian Tree Sparrow <i>Passer montanus</i>	-																	0.44(4)
White-rumped Munia <i>Lonchura striata</i>	-												0.11(1)	0.11(1)	0.56(3)			
Scaly-breasted Munia <i>Lonchura punctulata</i>	-			0.22(2)					3.33(30)		0.11(1)	2.89(14)	0.44(4)	1.22(10)		1.44(10)		
Eastern Yellow	-											0.11(1)						

Species	Conservation Status ^[1]	Project Site Boundary						Assessment Area										
		WC	SH	UG	PL	WL	DA	WW	WC	PO	MA	AG	SH	UG	PL	WL	VA	DA
Wagtail <i>Motacilla tschutschensis</i>																		
Grey Wagtail <i>Motacilla cinerea</i>	-								0.11(1)	0.22(1)	0.11(1)	0.33(2)						
White Wagtail <i>Motacilla alba</i>	-				0.44(4)	0.11(1)			0.11(1)			1.22(6)						
Richard's Pipit <i>Anthus richardi</i>	-			1.33(5)								0.56(2)		0.44(2)				
Olive-backed Pipit <i>Anthus hodgsoni</i>	-			0.78(6)	0.56(2)	0.44(2)			0.67(6)			2.44(18)	0.33(2)	0.22(2)	3.56(27)	0.89(3)		
Red-throated Pipit <i>Anthus cervinus</i>	LC			0.11(1)														
Chinese Grosbeak <i>Eophona migratoria</i>	LC					0.89(8)							1.33(12)			5.33(47)		
Chestnut-eared Bunting <i>Emberiza fucata</i>	LC			0.22(1)														
Little Bunting <i>Emberiza pusilla</i>	-		0.11(1)									0.11(1)						
Yellow-breasted Bunting <i>Emberiza aureola</i>	RC			0.11(1)														
Black-faced Bunting <i>Emberiza spodocephala</i>	-		1.11(10)	2.44(14)		0.56(5)				0.22(2)	0.11(1)	0.11(1)	0.11(1)	1.11(8)				
Total number of bird species of conservation concern recorded		2	1	10	1	3	0	0 (1^[2])	6	12	3	14	3	9	1	10	0	1
Total number of bird species recorded		3	15	53	39	34	5	15 (16^[2])	19	44	18	58	20	39	32	55	5	17

Note:

[1] Conservation status by Fellowes *et al.* (2002): GC=Global Concern; PRC=Potential Regional Concern; RC=Regional Concern; LC=Local Concern. Those in parenthesis indicate that the assessment is on the basis of restrictedness in breeding and/or roosting rather than general occurrence. Conservation status by IUCN (2013): EN=Endangered, NT=Near Threatened, Vu=Vulnerable.

[2] Crested Serpent Eagle recorded from Camera traps and not from transect surveys.

[3] Pintail Snipe *Gallinago stenura* and Swinhoe's Snipe *G. megala* cannot be separated in the field; conservation status of Swinhoe's Snipe *Gallinago megala* is Local Concern by Fellowes *et al.* (2002).

[4] Conservation Status according to China Red Data Book: Aves (Zheng & Wang 1998): Vu = Vulnerable; En = Endangered, R=Rare.

Key:

Numbers in bracket represent the maximum number recorded.

Habitat Type: WC= Watercourse, PO= Pond, MA= Marsh, AG= Agriculture, SH= Shrubland, UG= Upland Grassland, PL= Plantation, WW= Wet Woodland, WL= Woodland, VA= Village Area, DA= Developed Area. *= overhead.

Species	Conservation Status ^[1]	Project Site Boudary			Assessment Area						
		AG	UG	DA	AG	WC	UG	GR	WL	PL	SH
White-throated Kingfisher <i>Halcyon smyrnensis</i>	(LC)					0.22(1)					
Common Kingfisher <i>Alcedo atthis</i>	-					0.56(2)					
Pied Kingfisher <i>Ceryle rudis</i>	(LC)					1.33(4)					
Long-tailed Shrike <i>Lanius schach</i>	-			0.22(1)	0.22(1)		0.11(1)				
Hair-crested Drongo <i>Dicrurus hottentottus</i>	-	1.44(13)									
Red-billed Blue Magpie <i>Urocissa erythrorhyncha</i>	-									0.22(2)	0.33(3)
Eurasian Magpie <i>Pica pica</i>	-			0.11(1)		0.44(4)					
Collared Crow <i>Corvus torquatus</i>	LC,NT					0.44(2)					
Large-billed Crow <i>Corvus macrorhynchos</i>	-		0.33(3)			0.11(1)					
Cinereous Tit <i>Parus cinereus</i>	-			0.33(2)	0.11(1)					0.11(1)	
Red-whiskered Bulbul <i>Pycnonotus jocosus</i>	-	0.33(3)		1.44(10)	1.33(10)						
Chinese Bulbul <i>Pycnonotus sinensis</i>	-			2.56(16)	0.67(6)						
Barn Swallow <i>Hirundo rustica</i>	-			0.44(4)	1.11(10)						
Dusky Warbler <i>Phylloscopus fuscatus</i>	-			0.11(1)	0.33(3)	0.44(3)		0.33(3)			
Yellow-browed Warbler <i>Phylloscopus inornatus</i>	-									0.44(4)	
Yellow-bellied Prinia <i>Prinia flaviventris</i>	-	0.11(1)			0.33(3)			0.67(6)			
Plain Prinia <i>Prinia inornata</i>	-				0.11(1)						
Common Tailorbird <i>Orthotomus sutorius</i>	-			0.67(3)	0.22(2)						
Masked Laughingthrush <i>Garrulax perspicillatus</i>	-			1.33(9)	0.33(2)				0.44(4)		0.33(3)
Japanese White-eye <i>Zosterops japonicus</i>	-			1.56(8)							
Crested Myna <i>Acridotheres cristatellus</i>	-				1.22(11)						
Black-collared Starling <i>Gracupica nigricollis</i>	-	2.78(25)	1.22(11)		0.56(5)	0.56(3)		0.22(2)			
Oriental Magpie Robin <i>Copsychus saularis</i>	-	0.11(1)		0.33(2)							

Species	Conservation Status ^[1]	Project Site Boudary			Assessment Area						
		AG	UG	DA	AG	WC	UG	GR	WL	PL	SH
Daurian Redstart <i>Phoenicurus aureoreus</i>	-				0.11(1)						
Stejneger's Stonechat <i>Saxicola stejnegeri</i>	-					0.11(1)					
Fork-tailed Sunbird <i>Aethopyga christinae</i>	-								0.22(2)		
Eurasian Tree Sparrow <i>Passer montanus</i>	-			0.33(3)							
Scaly-breasted Munia <i>Lonchura punctulata</i>	-				0.67(6)						
Eastern Yellow Wagtail <i>Motacilla tschutschensis</i>	-					0.22(2)					
Grey Wagtail <i>Motacilla cinerea</i>	-					0.11(1)					
White Wagtail <i>Motacilla alba</i>	-	0.11(1)				1.33(4)					
Total number of bird species of conservation significance recorded		0	0	0	1	14	0	3	1	0	1
Total number of species recorded		6	3	14	18	28	2	6	3	3	4

Note:

[1] Conservation status by Fellowes *et al.* (2002): PRC=Potential Regional Concern; RC=Regional Concern; LC=Local Concern. Those in parenthesis indicate that the assessment is on the basis of restrictedness in breeding and/or roosting rather than general occurrence. Conservation status by IUCN (2013): NT=Near Threatened.

Key:

Numbers in bracket represent the maximum number recorded.

Habitat Type: WC= Watercourse, AG= Agriculture, SH= Shrubland, UG=Upland Grassland, PL= Plantation, WL= Woodland, DA= Developed Area, *= overhead.