

**Annex 3-E(1) Bird Species Recorded in Lok Ma Chau (Hong Kong Bird Report 1990 - 1995), San Tin Nullahs in Late March 1996 (Hyder 1997) and Spring (Sp) and Summer (Su) Bird Surveys Within Eastern and Western Mdc Study Area, 1997.**

		1990	1991	1992	1993	1994	1995	1996	1997
									sp-su
Little Grebe	<i>Tachybaptus ruficollis</i>								✓
Chinese Pond Heron	<i>Ardeola bacchus</i>							✓	✓
Cattle Egret	<i>Bubulcus ibis</i>								✓
Little Green Heron	<i>Butoroides striatus</i>								✓
Great Egret	<i>Casmerodius alba</i>								✓
Little Egret	<i>Egretta garzetta</i>							✓	✓
Yellow Bittern	<i>Ixobrychus cinnamomeus</i>					✓			✓
Intermediate Egret	<i>Mesophoyx intermedia</i>								
Night Heron	<i>Nycticorax nycticorax</i>							✓	✓
Spot-bill Duck	<i>Anas poecilorhyncha</i>								✓
Gadwall	<i>Anas strepera</i>	✓							
Northern Sparrowhawk	<i>Accipiter nisus</i>			✓		✓			
Crested Goshawk	<i>Accipiter trivirgatus</i>		✓						
Imperial Eagle	<i>Aquila heliaca</i>					✓	✓		
Grey-faced Buzzard	<i>Butastur indicus</i>		✓						
Common Buzzard	<i>Buteo buteo</i>					✓			
Black-shouldered Kite	<i>Elanus caeruleus</i>				✓				
Bonelli's Eagle	<i>Hieraaetus fasciatus</i>	✓					✓		
Black-eared Kite	<i>Milvus lineatus</i>							✓	✓
Osprey	<i>Pandion haliaetus</i>								
Oriental Hobby	<i>Falco severus</i>		✓	✓					
Peregrine Falcon	<i>Falco peregrinus</i>								
Japanese Quail	<i>Coturnix japonica</i>	✓							
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>							✓	✓
Moorhen	<i>Ballinula chloropus</i>							✓	✓
Coot	<i>Fulica atra</i>								✓
Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	✓							✓
Grey-headed Lapwing	<i>Vanellus cinereus</i>								✓
Little Ringed Plover	<i>Charadrius dubius</i>								✓
Painted Snipe	<i>Rostratula bengalensis</i>	✓	✓						
Oriental Pratincole	<i>Glareola maldivarum</i>	✓							
Common Sandpiper	<i>Actitis hypoleucos</i>							✓	✓
Long-toed Stint	<i>Calidris subminuta</i>	✓							✓
Curlew Sandpiper	<i>Calidris ferruginea</i>								✓
Fantail Snipe	<i>Gallinago gallinago</i>	✓	✓	✓	✓	✓			
Pintail Snipe	<i>Gallinago stenura</i>		✓	✓					
Swinhoe's Snipe	<i>Gallinago megala</i>	✓	✓	✓		✓			
Woodcock	<i>Scolopax rusticola</i>		✓						
Spotted Redshank	<i>Tringa erythropus</i>								✓
Wood Sandpiper	<i>Tringa glareola</i>	✓	✓	✓					✓
Common Greenshank	<i>Tringa nebularia</i>								✓
Green Sandpiper	<i>Tringa ochropus</i>					✓		✓	✓

		1990	1991	1992	1993	1994	1995	1996	1997
									sp-su
Redshank	<i>Tringa totanus</i>							✓	✓
Red-necked Phalarope	<i>Phalaropus lobatus</i>			✓					
Spotted Dove	<i>Streptopelia chinensis</i>							✓	
Rufous Turtle Dove	<i>Streptopelia orientalis</i>							✓	
Red Turtle Dove	<i>Streptopelia tranquebaria</i>								
Red-winged Crested Cuckoo	<i>Clamator coromandus</i>	✓							
Lesser Coucal	<i>Centropus bengalensis</i>					✓			
Asian Barred Owlet	<i>Glaucidium cuculoides</i>					✓			
Blue-tailed Bee-eater	<i>Merops philippensis</i>		✓						
Common Kingfisher	<i>Alcedo atthis</i>							✓	✓
Pied Kingfisher	<i>Ceryle rudis</i>								✓
White-breasted Kingfisher	<i>Halcyon smyrnensis</i>							✓	
Eurasian Hoopoe	<i>Upupa epops</i>	✓							
House Swift	<i>Apus nipalensis</i>							✓	
Red-rumped Swallow	<i>Hirundo daurica</i>				✓				
Barn Swallow	<i>Hirundo rustica</i>							✓	
Red-throated Pipit	<i>Anthus cervinus</i>	✓		✓				✓	
Olive-backed Pipit	<i>Anthus hodgsoni</i>							✓	
Richard's Pipit	<i>Anthus richardi</i>							✓	
White Wagtail	<i>Motacilla alba</i>	✓				✓		✓	✓
Grey Wagtail	<i>Motacilla cinerea</i>							✓	✓
Yellow Wagtail	<i>Motacilla flava</i>	✓			✓	✓			✓
Ashy Minivet	<i>Pericrocotus divaricatus</i>				✓		✓		
Chinese Bulbul	<i>Pycnonotus sinensis</i>							✓	
Rufous-backed Shrike	<i>Lanius schach</i>							✓	
Magpie Robin	<i>Copsychus saularis</i>							✓	
Bluethroat	<i>Luscinia svecica</i>	✓	✓						
Siberian Stonechat	<i>Saxicola maura</i>							✓	✓
White's Thrush	<i>Zoothera dauma</i>	✓	✓						
Blackbird	<i>Turdus merula</i>					✓			
Fantail Warbler	<i>Cisticola juncidis</i>	✓	✓					✓	
Oriental Reed Warbler	<i>Acrocephalus orientalis</i>								✓
Mountain Bush Warbler	<i>Cettia fortipes</i>			✓					
Pallas's Grasshopper Warbler	<i>Locustella certhiola</i>		✓	✓		✓			
Booted Warbler	<i>Hippolaris caligata</i>					✓			
Arctic Warbler	<i>Phylloscopus borealis</i>						✓		
Dusky Warbler	<i>Phylloscopus fuscatus</i>							✓	
Yellow-bellied Prinia	<i>Prinia flaviventris</i>							✓	
Plain Prinia	<i>Prinia inornata</i>							✓	
Blue-and-white Flycatcher	<i>Cyanoptila cyanomelana</i>						✓		
Red-throated Flycatcher	<i>Ficedula parva</i>			✓					
Sooty Flycatcher	<i>Muscicapa sibirica</i>		✓						
Yellow-bellied Tit	<i>Parus venustulus</i>						✓		
Chinese Penduline Tit	<i>Remiz consobrinus</i>					✓			
Jay	<i>Garrulus glandarius</i>		✓						
Black-naped Oriole	<i>Oriolus chinensis</i>			✓		✓	✓		✓
Tree Sparrow	<i>Passer montanus</i>							✓	

		1990	1991	1992	1993	1994	1995	1996	1997
									sp-su
Black-tailed Hawfinch	<i>Eophona personata</i>		✓	✓	✓	✓			
Yellow-breasted Bunting	<i>Emberiza aureola</i>				✓				✓
Masked Bunting	<i>Emberiza spodocephala</i>								✓
Crested bunting	<i>Melophus lathamii</i>		✓				✓		
Black-necked Starling	<i>Sturnus nigricollis</i>							✓	
Purple-backed Starling	<i>Sturnus sturninus</i>	✓		✓					
Chinese Starling	<i>Sturnus sinensis</i>					✓			
White-cheeked Starling	<i>Sturnus cineraceus</i>							✓	
Silky Starling	<i>Sturnus sericeus</i>							✓	
Crested Mynah	<i>Acridotheres cristatellus</i>							✓	
Common Mynah	<i>Acridotheres tristis</i>							✓	✓
Black Drongo	<i>Dicrurus macrocercus</i>							✓	
Magpie	<i>Pica pica</i>							✓	

**Annex 3-E(2) Wetland-dependent bird species recorded on the Eastern Channel study area during field studies, 1997-98**

Common name	Scientific name	Status	Global status (Collar <i>et al.</i> 1994)	Abundance	Breeding	Foraging	Roosting
Little Grebe	<i>Tachybaptus ruficollis</i>	R		C	-	-	
Great Cormorant	<i>Phalacrocorax carbo</i>	W		C			
Yellow Bittern	<i>Ixobrychus sinensis</i>	S/P		U			
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>	R		C			
Striated Heron	<i>Butorides striatus</i>	S		U			
Chinese Pond Heron	<i>Ardeola bacchus</i>	R		C			
Cattle Egret	<i>Bubulcus ibis</i>	R		C			
Great Egret	<i>Egretta alba</i>	R		C			
Little Egret	<i>E. garzetta</i>	R		C			
Grey Heron	<i>Ardea cinerea</i>	W		C			
Common Teal	<i>Anas crecca</i>	W		C			
Spot-billed Duck	<i>A. poecilorhyncha</i>	R		U			
Wigeon	<i>A. penelope</i>	W		U			
Northern Shoveler	<i>A. clypeata</i>	W		U			
Tufted Duck	<i>Aythya fuligula</i>	W		R			
Osprey	<i>Pandion haliaeetus</i>	W		U			
Common Buzzard	<i>Buteo buteo</i>	W		U			
Greater Spotted Eagle	<i>Aquila clanga</i>	W	V	U			
Imperial Eagle	<i>A. heliaca</i>	W	V	U			
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	R		C	-	-	
Common Moorhen	<i>Gallinula chloropus</i>	W		C			
Eurasian Coot	<i>Fulica atra</i>	W		C			
Black-winged Stilt	<i>Himantopus himantopus</i>	W		U			
Little Ringed Plover	<i>Charadrius dubius</i>	R		C			
Pacific Golden Plover	<i>C. fulva</i>	W/P		U			
Temminck's Stint	<i>C. temminckii</i>	W		U			
Long-toed Stint	<i>C. subminuta</i>	W/P		U			
Common Snipe	<i>Gallinago gallinago</i>	W		U			
Pintail Snipe	<i>G. stenura</i>	P		U			
Spotted Redshank	<i>Tringa erythropus</i>	W/P		U			
Common Redshank	<i>T. totanus</i>	W/P		U			
Marsh Sandpiper	<i>T. stagnatilis</i>	W/P		U			
Greenshank	<i>T. nebularia</i>	W/P		U			
Green Sandpiper	<i>T. ochropus</i>	W		C			
Wood Sandpiper	<i>T. glareola</i>	W		C			
Common Sandpiper	<i>Actitis hypoleucos</i>	W		C			
White-throated Kingfisher	<i>Halycon smyrnensis</i>	R		U			
Black-capped Kingfisher	<i>H. pileata</i>	R		U			
Common Kingfisher	<i>Alcedo atthis</i>	R		C			

Common name	Scientific name	Status	Global status (Collar <i>et al.</i> 1994)	Abundance	Breeding	Foraging	Roosting
Pied Kingfisher	<i>Ceryle rudis</i>	S		U	-	-	
Yellow Wagtail	<i>Motacilla flava</i>	W/P		C		-	
Grey Wagtail	<i>M. cinerea</i>	W/P		C		-	
White Wagtail	<i>M. alba</i>	R/W/P		C		-	
Pallas's Grasshopper Warbler	<i>Locustella certhiola</i>	P		U		-	
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>	P		U		-	
Oriental Reed Warbler	<i>A. orientalis</i>	P		C		-	
Dusky Warbler	<i>Phylloscopus fuscatus</i>	W/P		C		-	
Red-billed Starling	<i>Sturnus sericeus</i>	W	NT	C		-	

R	Resident
S	Summer visitor
W	Winter visitor
P	Passage migrant
Va	Vagrant
V	Vulnerable
NT	Near-threatened
C	Common in study area
U	Uncommon in study area
R	Rare in study area

*Annex 3-E(3) Wetland-dependent Bird Species Recorded Within Eastern and Western  
MDC Study Areas, April 1997-March 1998*

Common Name	Scientific Name
Little Grebe	<i>Tachybaptus ruficollis</i>
Great Cormorant	<i>Phalacrocorax carbo</i>
Yellow Bittern	<i>Ixobrychus sinensis</i>
Black-crowned Night Heron	<i>Nycticorax nycticorax</i>
Striated Heron	<i>Butorides striatus</i>
Chinese Pond Heron	<i>Ardeola bacchus</i>
Cattle Egret	<i>Bubulcus ibis</i>
Great Egret	<i>Egretta alba</i>
Intermediate Egret	<i>E. intermedia</i>
Little Egret	<i>E. garzetta</i>
Grey Heron	<i>Ardea cinerea</i>
Common Teal	<i>Anas crecca</i>
Spot-billed Duck	<i>A. poecilorhyncha</i>
Wigeon	<i>A. penelope</i>
Northern Pintail	<i>A. acuta</i>
Garganey	<i>A. querquedula</i>
Northern Shoveler	<i>A. clypeata</i>
Tufted Duck	<i>Aythya fuligula</i>
Osprey	<i>Pandion haliaeetus</i>
Eastern Marsh Harrier	<i>Circus spilonotus</i>
Common Buzzard	<i>Buteo buteo</i>
Greater Spotted Eagle	<i>Aquila clanga</i>
Imperial Eagle	<i>A. heliaca</i>
White-breasted Crake	<i>Amaurornis phoenicurus</i>
Common Moorhen	<i>Gallinula chloropus</i>
Watercock	<i>Gallicrex cinerea</i>
Eurasian Coot	<i>Fulica atra</i>
Black-winged Stilt	<i>Himantopus himantopus</i>
Little Ringed Plover	<i>Charadrius dubius</i>
Pacific Golden Plover	<i>C. fulva</i>
Grey-headed Lapwing	<i>Vanellus cinereus</i>
Red-necked Stint	<i>Calidris ruficollis</i>
Temminck's Stint	<i>C. temminckii</i>
Long-toed Stint	<i>C. subminuta</i>
Sharp-tailed Sandpiper	<i>C. acuminata</i>
Curlew Sandpiper	<i>C. ferruginea</i>
Common Snipe	<i>Gallinago gallinago</i>
Pintail Snipe	<i>G. stenura</i>
Spotted Redshank	<i>Tringa erythropus</i>
Common Redshank	<i>T. totanus</i>
Marsh Sandpiper	<i>T. stagnatilis</i>
Greenshank	<i>T. nebularia</i>
Green Sandpiper	<i>T. ochropus</i>
Wood Sandpiper	<i>T. glareola</i>
Terek Sandpiper	<i>Xenus cinereus</i>
Common Sandpiper	<i>Actitis hypoleucos</i>
Black-headed Gull	<i>Larus ridibundus</i>
Gull-billed Tern	<i>Sterna nilotica</i>

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Common Name	Scientific Name
White-throated Kingfisher	<i>Halycon smyrnensis</i>
Black-capped Kingfisher	<i>H. pileata</i>
Common Kingfisher	<i>Alcedo atthis</i>
Pied Kingfisher	<i>Ceryle rudis</i>
Yellow Wagtail	<i>Motacilla flava</i>
Grey Wagtail	<i>M. cinerea</i>
White Wagtail	<i>M. alba</i>
Pallas's Grasshopper Warbler	<i>Locustella certhiola</i>
Black-browed Reed Warbler	<i>Acrocephalus bistrigiceps</i>
Paddyfield Warbler	<i>A. agricola</i>
Oriental Reed Warbler	<i>A. orientalis</i>
Dusky Warbler	<i>Phylloscopus fuscatus</i>
Red-billed Starling	<i>Sturnus sericeus</i>

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Annex 3-E(4) *Breeding Bird Species Within Eastern and Western MDC Study Areas, April 1997-  
March 1998*

Common Name	Scientific Name
Little Grebe	<i>Tachybaptus ruficollis</i>
Yellow Bittern	<i>Ixobrychus sinensis</i>
Striated Heron	<i>Butorides striatus</i>
White-breasted Crake	<i>Amaurornis phoenicurus</i>
Spotted Dove	<i>Streptopelia chinensis</i>
Common Koel	<i>Eudynamis scolopacea</i>
Greater Coucal	<i>Centropus sinensis</i>
Common Kingfisher	<i>Alcedo atthis</i>
Pied Kingfisher	<i>Ceryle rudis</i>
Barn Swallow	<i>Hirundo rustica</i>
White Wagtail	<i>Motacilla alba</i>
Chinese Bulbul	<i>Pycnonotus sinensis</i>
Oriental Magpie Robin	<i>Copsychus saularis</i>
Plain Prinia	<i>Prinia inornata</i>
Yellow-bellied Prinia	<i>P. subflava</i>
Masked Laughingthrush	<i>Garrulax perspicillatus</i>
Japanese White-eye	<i>Zosterops japonica</i>
Black-naped Oriole	<i>Oriolus chinensis</i>
Long-tailed Shrike	<i>Lanius schach</i>
Black Drongo	<i>Dicrurus macrocercus</i>
Common Magpie	<i>Pica pica</i>
Common Myna	<i>Acridotheres tristis</i>
Tree Sparrow	<i>Passer montanus</i>
Spotted Munia	<i>Lonchura punctulata</i>