**Appendix 1: List of birds breeding in the wetland**

| **No.** | **Scientific name** | **English** | **Residence type(S: summer migrant, R: resident bird)** |
| --- | --- | --- | --- |
| 1 | *Coturnix japonica* | Japanese Quail | S |
| 2 | *Dendrocopos leucotos* | White-backed Woodpecker | R |
| 3 | *Chlidonias leucopterus* | White-winged Tern | S |
| 4 | *Loxia leucoptera* | Two-barred Crossbill | S |
| 5 | *Turdus pallidus* | Pale Thrush | S |
| 6 | *Circus spilonotus* | Eastern Marsh-harrier | S |
| 7 | *Hirundapus caudacutus* | White-throated Needletail | S |
| 8 | *Motacilla alba* | White Wagtail | S |
| 9 | *Zoothera sibirica* | Siberian Thrush | S |
| 10 | *Ficedula zanthopygia* | Yellow-rumped Flycatcher | S |
| 11 | *Emberiza tristrami* | Tristram’s Bunting | S |
| 12 | *Anas querquedula* | Garganey | S |
| 13 | *Grus monacha* | Hooded Crane | S |
| 14 | *Circus cyaneus* | Northern Harrier, Hen Harrier | S |
| 15 | *Numenius arquata* | Eurasian Curlew | S |
| 16 | *Grus vipio* | White-naped Crane | S |
| 17 | *Perdix dauurica* | Daurian Partridge | R |
| 18 | *Anas zonorhyncha* | Eastern Spot-billed Duck | S |
| 19 | *Phoenicurus auroreus* | Daurian Redstart | S |
| 20 | *Muscicapa latirostris* | Asian Brown Flycatcher | S |
| 21 | *Agropsar sturninus* | Daurian Starling | S |
| 22 | *Perisoreus infaustus* | Siberian Jay | R |
| 23 | *Ardea cinerea*  | Grey Heron | S |
| 24 | *Locustella fasciolata* | Gray’s Grasshopper Warbler | S |
| 25 | *Accipiter gentilis* | Northern Goshawk | S |
| 26 | *Ardea purpurea*  | Purple Heron | S |
| 27 | *Anas penelope* | Eurasian Wigeon | S |
| 28 | *Ardea alba*  | Great Egret | S |
| 29 | *Dendrocopos major* | Great Spotted Woodpecker | R |
| 30 | *Cuculus canorus* | Common Cuckoo | S |
| 31 | *Buteo hemilasius* | Upland Buzzard | R |
| 32 | *Botaurus stellaris* | Eurasian Bittern | S |
| 33 | *Parus major* | Great Tit | R |
| 34 | *Corvus macrorhynchos* | Large-billed Crow | R |
| 35 | *Upupa epops* | Eurasian Hoopoe | S |
| 36 | *Bubo bubo*  | Eurasian Eagle-owl | S |
| 37 | *Ciconia boyciana* | Oriental Stork | S |
| 38 | *Acrocephalus orientalis* | Oriental Reed Warbler | S |
| 39 | *Asio flammeus* | Short-eared Owl | S |
| 40 | *Aythya fuligula* | Tufted Duck | S |
| 41 | *Fulica atra* | Eurasian Coot | S |
| 42 | *Phylloscopus fuscatus* | Dusky Warbler | S |
| 43 |  *Poecile montanus* | Willow Tit | S |
| 44 | *Saxicola maurus* | Siberian Stonechat | S |
| 45 | *Acrocephalus bistrigiceps* | Black-browed Reed Warbler | S |
| 46 | *Tetrao tetrix* | Black Grouse | R |
| 47 | *Eophona personata* | Japanese Grosbeak | S |
| 48 | *Eophona migratoria* | Chinese Grosbeak | S |
| 49 | *Oriolus chinensis* | Black-naped Oriole | S |
| 50 | *Dryocopus martius* | Black Woodpecker | R |
| 51 | *Luscinia calliope* | Siberian Rubythroat | S |
| 52 | *Falco tinnunculus* | Common Kestrel | S |
| 53 | *Lanius cristatus* | Brown Shrike | S |
| 54 | *Zosterops erythropleurus* | Chestnut-flanked White-eye | S |
| 55 | *Chroicocephalus ridibundus* | Black-headed Gull | S |
| 56 | *Anser cygnoides* | Swan Goose | S |
| 57 | *Iduna aedon* | Thick-billed Warbler | S |
| 58 | *Glaucidium passerinum* | Eurasian Pygmy-owl | S |
| 59 | *Phasianus colchicus* | Common Pheasant | R |
| 60 | *Motacilla tschutschensis* | Eastern Yellow Wagtail | S |
| 61 | *Phylloscopus inornatus* | Yellow-browed Warbler | S |
| 62 | *Carduelis spinus* | Eurasian Siskin | S |
| 63 | *Emberiza aureola* | Yellow-breasted Bunting | S |
| 64 | *Phylloscopus proregulus* | Pallas’s Leaf Warbler | S |
| 65 | *Muscicapa griseisticta* | Grey-spotted Flycatcher | S |
| 66 | *Motacilla cinerea* | Grey Wagtail | S |
| 67 | *Cyanistes cyanus* | Azure Tit | R |
| 68 | *Spodiopsar cineraceus* | White-cheeked Starling | S |
| 69 | *Riparia riparia* | Sand Martin | S |
| 70 | *Pericrocotus divaricatus* | Ashy Minivet | S |
| 71 | *Emberiza spodocephala* | Black-faced Bunting | S |
| 72 | *Cyanopica cyanus* | Azure-winged Magpie | R |
| 73 | *Anser anser* | Greylag Goose | S |
| 74 | *Phylloscopus borealis* | Arctic Warbler | S |
| 75 | *Hirundo rustica* | Barn Swallow | S |
| 76 | *Troglodytes troglodytes* | Eurasian Wren | S |
| 77 | *Chloris sinica* | Grey-capped Greenfinch | S |
| 78 | *Charadrius dubius* | Little Ringed Plover | S |
| 79 | *Cecropis daurica* | Red-rumped Swallow | S |
| 80 | *Phylloscopus schwarzi* | Radde’s Warbler | S |
| 81 | *Luscinia cyane* | Siberian Blue Robin | S |
| 82 | *Luscinia svecica* | Bluethroat | S |
| 83 | *Anas falcata* | Falcated Duck | S |
| 84 | *Anas crecca* | Eurasian Teal | S |
| 85 | *Anas platyrhynchos* | Mallard | S |
| 86 | *Passer montanus* | Eurasian Tree Sparrow | R |
| 87 | *Bubo blakistoni* | Blakiston’s Fish Owl | S |
| 88 | *Locustella lanceolata* | Lanceolated Warbler | S |
| 89 | *Periparus ater* | Coal Tit | S |
| 90 | *Anas clypeata* | Northern Shoveler | S |
| 91 | *Alcedo atthis* | Common Kingfisher | S |
| 92 | *Buteo buteo* | Common Buzzard | S |
| 93 | *Mergus merganser* | Common Merganser | S |
| 94 |  *Sterna hirundo* | Common Tern | S |
| 95 | *Rallus indicus* | Brown-cheeked Rail | S |
| 96 | *Caprimulgus indicus* | Grey Nightjar | S |
| 97 | *Aythya baeri* | Baer's Pochard | S |
| 98 | *Accipiter nisus* | Eurasian Sparrowhawk | S |
| 99 | *Circus melanoleucos* | Pied Harrier | S |
| 100 | *Eurystomus orientalis* | Oriental Dollarbird | S |
| 101 | *Emberiza cioides* | Meadow Bunting | R |
| 102 | *Picoides tridactylus*  | Eurasian Three-toed Woodpecker | R |
| 103 | *Streptopelia orientalis* | Oriental Turtle Dove | S |
| 104 | *Dendronanthus indicus* | Forest Wagtail | S |
| 105 | *Cuculus micropterus* | Indian Cuckoo | S |
| 106 | *Garrulus glandarius* | Eurasian Jay | R |
| 107 | *Corvus frugilegus* | Rook | S |
| 108 | *Aquila clanga* | Greater spotted eagle | R |
| 109 | *Muscicapa sibirica* | Dark-sided Flycatcher | S |
| 110 | *Coccothraustes coccothraustes* | Hawfinch | R |
| 111 | *Pica pica* | Eurasian Magpie | R |
| 112 | *Dendrocopos minor* | Lesser Spotted Woodpecker | R |
| 113 | *Locustella certhiola* | Pallas’s Grasshopper Warbler | S |
| 114 |  *Porzana pusilla* | Baillon’s Crake | S |
| 115 | *Corvus corone* | Carrion Crow | R |
| 116 | *Lanius sphenocercus*  | Chinese Grey Shrike | S |
| 117 | *Nucifraga caryocatactes* | Spotted Nutcracker | R |
| 118 | *Certhia familiaris* | Eurasian Treecreeper | R |
| 119 | *Columba rupestris* | Hill Pigeon | S |
| 120 | *Falco subbuteo* | Eurasian Hobby | S |
| 121 | *Jynx torquilla* | Eurasian Wryneck | S |
| 122 | *Aegithalos glaucogularis* | Silver-throated Bushtit | R |
| 123 | *Aix galericulata* | Mandarin Duck | S |
| 124 | *Alauda arvensis* | Eurasian Skylark | S |
| 125 | *Asio otus* | Long-eared Owl | S |
| 126 | *Strix uralensis* | Ural Owl | R |
| 127 | *Carpodacus sibiricus* | Long-tailed Rosefinch | R |
| 128 | *Poecile palustris* | Marsh Tit | S |
| 129 | *Mergus squamatus* | Scaly-sided Merganser | S |
| 130 |  *Ixobrychus eurhythmus*  | Von Schrenck’s Bittern | S |
| 131 | *Milvus migrans* | Black Kite | S |
| 132 | *Emberiza leucocephalos* | Pine Bunting | S |
| 133 | *Cygnus cygnus* | Whooper Swan | S |
| 134 | *Anser fabalis* | Bean goose | S |
| 135 |   *Corvus corax* | Common Raven | R |
| 136 | *Podiceps cristatus* | Great Crested Grebe | S |
| 137 | *Vanellus vanellus* | Northern Lapwing | S |
| 138 | Gallinula chloropus | Common Moorhen | S |
| 139 | *Picus canus* | Grey-faced Woodpecker | R |
| 140 | *Ficedula parva* | Red-breasted Flycatcher | S |
| 141 | *Falco vespertinus* | Red-footed Falcon | S |
| 142 | *Luscinia sibilans* | Rufous-tailed Robin | S |
| 143 | *Mergus serrator* | Red-breasted Merganser | S |
| 144 | *Aquila chrysaetos* | Golden Eagle | R |
| 145 | *Anas formosa* |  Baikal Teal | S |
| 146 | *Bonasia bonasia* | Hazel Grouse | R |
| 147 | *Emberiza elegans*  | Yellow-throated Bunting | S |
| 148 | *Turdus hortulorum* | Grey-backed Thrush | S |
| 149 | *Lanius excubitor* | Great Grey Shrike | S |
| 150 | *Monticola cinclorhynchus* | Blue-capped Rock-thrush | S |
| 151 | *Emberiza fucata* | Chestnut-eared Bunting | S |
| 152 | *Emberiza rutila* | Chestnut Bunting | S |
| 153 | *Emberiza schoeniclus* | Reed Bunting | S |
| 154 | *Butorides striata* | Striated Heron | S |
| 155 | *Otus scops* | Common Scops-owl | S |
| 156 | *Phalacrocorax carbo*  | Great Cormorant | S |
| 157 | *Accipiter virgatus* | Besra | S |
| 158 | *Emberiza rustica* | Rustic Bunting | S |
| 159 | *Emberiza pallasi* | Pallas's Bunting | R |
| 160 | *Tachybaptus ruficollis* | Little Grebe | S |
| 161 | *Dendrocopos canicapillus* | Grey-capped Woodpecker | R |
| 162 | *Chlidonias hybrida*  | Whiskered Tern | S |
| 163 | *Ninox scutulata* | Brown Hawk-owl | S |
| 164 | *Cuculus saturatus* | Himalayan Cuckoo | S |