#### **Appendix 1 Bird residential types**

| **No.** | **Scientific name** | **Common Name** | **Residential types** |
| --- | --- | --- | --- |
| 1 | *Coturnix japonica* | Japanese Quail | R |
| 2 | *Cygnus columbianus* | Tundra Swan | W |
| 3 | *Tadorna tadorna* | Common Shelduck | W |
| 4 | *Tadorna ferruginea* | Ruddy Shelduck | W |
| 5 | *Nettapus coromandelianus* | Cotton Pygmy-goose | S |
| 6 | *Sibirionetta formosa* | Baikal Teal | W |
| 7 | *Spatula querquedula* | Garganey | W |
| 8 | *Spatula clypeata* | Northern Shoveler | W |
| 9 | *Mareca falcata* | Falcated Duck | W |
| 10 | *Mareca penelope* | Eurasian Wigeon | W |
| 11 | *Mareca americana* | American Wigeon | P |
| 12 | *Anas zonorhyncha* | Chinese Spot-billed Duck | R/W |
| 13 | *Anas platyrhynchos* | Mallard | R/W |
| 14 | *Anas acuta* | Northern Pintail | W |
| 15 | *Anas crecca* | Eurasian Teal | W |
| 16 | *Aythya ferina* | Common Pochard | W |
| 17 | *Aythya baeri* | Baer's Pochard | W |
| 18 | *Aythya nyroca* | Ferruginous Duck | W |
| 19 | *Aythya fuligula* | Tufted Duck | W |
| 20 | *Aythya marila* | Greater Scaup | W |
| 21 | *Mergus serrator* | Red-breasted Merganser | W |
| 22 | *Caprimulgus affinis* | Savanna Nightjar | R |
| 23 | *Apus pacificus* | Pacific Swift | S |
| 24 | *Apus nipalensis* | House Swift | R |
| 25 | *Centropus sinensis* | Greater Coucal | R |
| 26 | *Clamator coromandus* | Chestnut-winged Cuckoo | S |
| 27 | *Eudynamys scolopaceus* | Western Koel | S |
| 28 | *Cacomantis merulinus* | Plaintive Cuckoo | S |
| 29 | *Hierococcyx sparverioides* | Large Hawk-cuckoo | S |
| 30 | *Cuculus micropterus* | Indian Cuckoo | S |
| 31 | *Streptopelia orientalis* | Oriental Turtle-dove | R |
| 32 | *Streptopelia tranquebarica* | Red Turtle-dove | S |
| 33 | *Spilopelia chinensis* | Eastern Spotted Dove | R |
| 34 | *Lewinia striata* | Slaty-breasted Rail | R |
| 35 | *Rallus indicus* | Eastern Water Rail | P |
| 36 | *Zapornia fusca* | Ruddy-breasted Crake | R |
| 37 | *Zapornia akool* | Brown Crake | S |
| 38 | *Zapornia pusilla* | Baillon's Crake | W |
| 39 | *Amaurornis phoenicurus* | White-breasted Waterhen | R |
| 40 | *Gallicrex cinerea* | Watercock | S |
| 41 | *Gallinula chloropus* | Common Moorhen | R |
| 42 | *Fulica atra* | Common Coot | W |
| 43 | *Tachybaptus ruficollis* | Little Grebe | R |
| 44 | *Podiceps cristatus* | Great Crested Grebe | W |
| 45 | *Podiceps nigricollis* | Black-necked Grebe | P |
| 46 | *Himantopus himantopus* | Black-winged Stilt | W |
| 47 | *Recurvirostra avosetta* | Pied Avocet | W |
| 48 | *Vanellus vanellus* | Northern Lapwing | W |
| 49 | *Vanellus cinereus* | Grey-headed Lapwing | S |
| 50 | *Pluvialis fulva* | Pacific Golden Plover | W |
| 51 | *Pluvialis squatarola* | Grey Plover | W |
| 52 | *Charadrius placidus* | Long-billed Plover | P |
| 53 | *Charadrius dubius* | Little Ringed Plover | P |
| 54 | *Charadrius alexandrinus* | Kentish Plover | R |
| 55 | *Charadrius mongolus* | Lesser Sandplover | W |
| 56 | *Charadrius leschenaultii* | Greater Sandplover | W |
| 57 | *Rostratula benghalensis* | Greater Painted-snipe | R |
| 58 | *Hydrophasianus chirurgus* | Pheasant-tailed Jacana | S |
| 59 | *Numenius phaeopus* | Whimbrel | W |
| 60 | *Numenius madagascariensis* | Far Eastern Curlew | W |
| 61 | *Numenius arquata* | Eurasian Curlew | W |
| 62 | *Limosa lapponica* | Bar-tailed Godwit | W |
| 63 | *Limosa limosa* | Black-tailed Godwit | W |
| 64 | *Arenaria interpres* | Ruddy Turnstone | P |
| 65 | *Calidris tenuirostris* | Great Knot | W |
| 66 | *Calidris canutus* | Red Knot | W |
| 67 | *Calidris pugnax* | Ruff | P |
| 68 | *Calidris falcinellus* | Broad-billed Sandpiper | W |
| 69 | *Calidris acuminata* | Sharp-tailed Sandpiper | W |
| 70 | *Calidris ferruginea* | Curlew Sandpiper | W |
| 71 | *Calidris temminckii* | Temminck's Stint | W |
| 72 | *Calidris subminuta* | Long-toed Stint | W |
| 73 | *Calidris ruficollis* | Red-necked Stint | W |
| 74 | *Calidris alba* | Sanderling | W |
| 75 | *Calidris alpina* | Dunlin | W |
| 76 | *Calidris minuta* | Little Stint | W |
| 77 | *Calidris melanotos* | Pectoral Sandpiper | P |
| 78 | *Limnodromus semipalmatus* | Asian Dowitcher | W |
| 79 | *Limnodromus scolopaceus* | Long-billed Dowitcher | P |
| 80 | *Scolopax rusticola* | Eurasian Woodcock | W |
| 81 | *Gallinago stenura* | Pintail Snipe | W |
| 82 | *Gallinago megala* | Swinhoe's Snipe | W |
| 83 | *Gallinago gallinago* | Common Snipe | W |
| 84 | *Xenus cinereus* | Terek Sandpiper | W |
| 85 | *Phalaropus lobatus* | Red-necked Phalarope | P |
| 86 | *Actitis hypoleucos* | Common Sandpiper | W |
| 87 | *Tringa ochropus* | Green Sandpiper | W |
| 88 | *Tringa brevipes* | Grey-tailed Tattler | W |
| 89 | *Tringa totanus* | Common Redshank | W |
| 90 | *Tringa stagnatilis* | Marsh Sandpiper | W |
| 91 | *Tringa glareola* | Wood Sandpiper | W |
| 92 | *Tringa erythropus* | Spotted Redshank | W |
| 93 | *Tringa nebularia* | Common Greenshank | W |
| 94 | *Tringa guttifer* | Spotted Greenshank | W |
| 95 | *Glareola maldivarum* | Oriental Pratincole | S |
| 96 | *Saundersilarus saundersi* | Saunders's Gull | W |
| 97 | *Larus genei* | Slender-billed Gull | P |
| 98 | *Larus brunnicephalus* | Brown-headed Gull | V |
| 99 | *Larus ridibundus* | Black-headed Gull | W |
| 100 | *Larus ichthyaetus* | Pallas's Gull | P |
| 101 | *Larus crassirostris* | Black-tailed Gull | W |
| 102 | *Larus canus* | Mew Gull | W |
| 103 | *Larus vegae* | Vega Gull | W |
| 104 | *Larus cachinnans* | Caspian Gull | W |
| 105 | *Larus fuscus* | Lesser Black-backed Gull | W |
| 106 | *Gelochelidon nilotica* | Common Gull-billed Tern | R |
| 107 | *Hydroprogne caspia* | Caspian Tern | R |
| 108 | *Sternula albifrons* | Little Tern | S |
| 109 | *Sterna hirundo* | Common Tern | P |
| 110 | *Chlidonias hybrida* | Whiskered Tern | S |
| 111 | *Chlidonias leucopterus* | White-winged Tern | P |
| 112 | *Gavia stellata* | Red-throated Loon | W |
| 113 | *Ciconia nigra* | Black Stork | W |
| 114 | *Ciconia boyciana* | Oriental Stork | W |
| 115 | *Fregata ariel* | Lesser Frigatebird | R |
| 116 | *Urile pelagicus* | Pelagic Cormorant | W |
| 117 | *Phalacrocorax carbo* | Great Cormorant | W |
| 118 | *Threskiornis melanocephalus* | Black-headed Ibis | W |
| 119 | *Platalea leucorodia* | Eurasian Spoonbill | W |
| 120 | *Platalea minor* | Black-faced Spoonbill | W |
| 121 | *Botaurus stellaris* | Eurasian Bittern | W |
| 122 | *Ixobrychus sinensis* | Yellow Bittern | R |
| 123 | *Ixobrychus cinnamomeus* | Cinnamon Bittern | R |
| 124 | *Ixobrychus flavicollis* | Black Bittern | S |
| 125 | *Nycticorax nycticorax* | Black-crowned Night-heron | R |
| 126 | *Butorides striata* | Green-backed Heron | R |
| 127 | *Ardeola bacchus* | Chinese Pond-heron | R |
| 128 | *Bubulcus ibis* | Cattle Egret | R |
| 129 | *Ardea cinerea* | Grey Heron | R |
| 130 | *Ardea purpurea* | Purple Heron | R |
| 131 | *Ardea alba* | Great White Egret | R |
| 132 | *Ardea intermedia* | Intermediate Egret | R |
| 133 | *Egretta garzetta* | Little Egret | R |
| 134 | *Egretta sacra* | Pacific Reef-egret | P |
| 135 | *Egretta eulophotes* | Chinese Egret | S |
| 136 | *Pelecanus crispus* | Dalmatian Pelican | W |
| 137 | *Pandion haliaetus* | Osprey | R |
| 138 | *Elanus caeruleus* | Black-winged Kite | P |
| 139 | *Pernis ptilorhynchus* | Oriental Honey-buzzard | P |
| 140 | *Aviceda leuphotes* | Black Baza | R |
| 141 | *Spilornis cheela* | Crested Serpent-eagle | R |
| 142 | *Nisaetus nipalensis* | Mountain Hawk-eagle | R |
| 143 | *Clanga clanga* | Greater Spotted Eagle | W |
| 144 | *Aquila heliaca* | Eastern Imperial Eagle | W |
| 145 | *Aquila fasciata* | Bonelli's Eagle | R |
| 146 | *Accipiter trivirgatus* | Crested Goshawk | R |
| 147 | *Accipiter soloensis* | Chinese Sparrowhawk | S |
| 148 | *Accipiter gularis* | Japanese Sparrowhawk | P |
| 149 | *Accipiter virgatus* | Besra | R |
| 150 | *Accipiter nisus* | Eurasian Sparrowhawk | W |
| 151 | *Circus spilonotus* | Eastern Marsh-harrier | W |
| 152 | *Circus melanoleucos* | Pied Harrier | P |
| 153 | *Milvus migrans* | Black Kite | R |
| 154 | *Haliaeetus leucogaster* | White-bellied Sea-eagle | R |
| 155 | *Butastur indicus* | Grey-faced Buzzard | W |
| 156 | *Buteo japonicus* | Japanese Buzzard | W |
| 157 | *Otus lettia* | Collared Scops-owl | R |
| 158 | *Bubo bubo* | Eurasian Eagle-owl | R |
| 159 | *Glaucidium cuculoides* | Asian Barred Owlet | R |
| 160 | *Upupa epops* | Common Hoopoe | R |
| 161 | *Eurystomus orientalis* | Oriental Dollarbird | S |
| 162 | *Halcyon smyrnensis* | White-breasted Kingfisher | R |
| 163 | *Halcyon pileata* | Black-capped Kingfisher | R |
| 164 | *Alcedo atthis* | Common Kingfisher | R |
| 165 | *Ceryle rudis* | Pied Kingfisher | R |
| 166 | *Merops philippinus* | Blue-tailed Bee-eater | P |
| 167 | *Jynx torquilla* | Eurasian Wryneck | W |
| 168 | *Falco tinnunculus* | Common Kestrel | R |
| 169 | *Falco subbuteo* | Eurasian Hobby | S |
| 170 | *Falco peregrinus* | Peregrine Falcon | R |
| 171 | *Psittacula krameri* | Rose-ringed Parakeet | R |
| 172 | *Pericrocotus solaris* | Grey-chinned Minivet | R |
| 173 | *Pericrocotus flammeus* | Scarlet Minivet | R |
| 174 | *Lalage melaschistos* | Black-winged Cuckooshrike | S |
| 175 | *Lanius bucephalus* | Bull-headed Shrike | W |
| 176 | *Lanius cristatus* | Brown Shrike | S |
| 177 | *Lanius schach* | Long-tailed Shrike | R |
| 178 | *Oriolus chinensis* | Black-naped Oriole | S |
| 179 | *Dicrurus macrocercus* | Black Drongo | S |
| 180 | *Dicrurus leucophaeus* | Ashy Drongo | S |
| 181 | *Dicrurus hottentottus* | Hair-crested Drongo | S |
| 182 | *Hypothymis azurea* | Black-naped Monarch | R |
| 183 | *Terpsiphone incei* | Chinese Paradise-flycatcher | S |
| 184 | *Terpsiphone atrocaudata* | Japanese Paradise-flycatcher | P |
| 185 | *Urocissa erythroryncha* | Red-billed Blue Magpie | R |
| 186 | *Pica serica* | Oriental Magpie | R |
| 187 | *Corvus pectoralis* | Collared Crow | P |
| 188 | *Corvus macrorhynchos* | Large-billed Crow | R |
| 189 | *Culicicapa ceylonensis* | Grey-headed Canary-flycatcher | R |
| 190 | *Parus minor* | Japanese Tit | R |
| 191 | *Remiz consobrinus* | Chinese Penduline-tit | W |
| 192 | *Pycnonotus jocosus* | Red-whiskered Bulbul | R |
| 193 | *Pycnonotus sinensis* | Light-vented Bulbul | R |
| 194 | *Pycnonotus aurigaster* | Sooty-headed Bulbul | P |
| 195 | *Hypsipetes leucocephalus* | Black Bulbul | S |
| 196 | *Hirundo rustica* | Barn Swallow | S |
| 197 | *Delichon dasypus* | Asian House Martin | R |
| 198 | *Cecropis daurica* | Red-rumped Swallow | S |
| 199 | *Horornis diphone* | Japanese Bush-warbler | P |
| 200 | *Phylloscopus inornatus* | Yellow-browed Warbler | W |
| 201 | *Phylloscopus proregulus* | Pallas's Leaf-warbler | W |
| 202 | *Phylloscopus fuscatus* | Dusky Warbler | W |
| 203 | *Phylloscopus tenellipes* | Pale-legged Leaf-warbler | P |
| 204 | *Phylloscopus borealis* | Arctic Warbler | P |
| 205 | *Acrocephalus orientalis* | Oriental Reed-warbler | S |
| 206 | *Acrocephalus bistrigiceps* | Black-browed Reed-warbler | S |
| 207 | *Locustella lanceolata* | Lanceolated Warbler | P |
| 208 | *Cisticola juncidis* | Zitting Cisticola | R |
| 209 | *Prinia flaviventris* | Yellow-bellied Prinia | R |
| 210 | *Prinia inornata* | Plain Prinia | R |
| 211 | *Orthotomus sutorius* | Common Tailorbird | R |
| 212 | *Garrulax perspicillatus* | Masked Laughingthrush | R |
| 213 | *Zosterops erythropleurus* | Chestnut-flanked White-eye | P |
| 214 | *Zosterops simplex* | Swinhoe's White-eye | S |
| 215 | *Acridotheres cristatellus* | Crested Myna | R |
| 216 | *Spodiopsar sericeus* | Red-billed Starling | R |
| 217 | *Spodiopsar cineraceus* | White-cheeked Starling | R |
| 218 | *Gracupica nigricollis* | Black-collared Starling | W |
| 219 | *Agropsar sturninus* | Purple-backed Starling | P |
| 220 | *Agropsar philippensis* | Chestnut-cheeked Starling | P |
| 221 | *Sturnia sinensis* | White-shouldered Starling | W |
| 222 | *Pastor roseus* | Rosy Starling | V |
| 223 | *Zoothera aurea* | White's Thrush | W |
| 224 | *Turdus hortulorum* | Grey-backed Thrush | W |
| 225 | *Turdus cardis* | Japanese Thrush | P |
| 226 | *Turdus mandarinus* | Chinese Blackbird | R |
| 227 | *Copsychus saularis* | Oriental Magpie-robin | R |
| 228 | *Muscicapa griseisticta* | Grey-streaked Flycatcher | P |
| 229 | *Muscicapa dauurica* | Asian Brown Flycatcher | P |
| 230 | *Eumyias thalassinus* | Verditer Flycatcher | W |
| 231 | *Cyanecula svecica* | Bluethroat | P |
| 232 | *Calliope calliope* | Siberian Rubythroat | P |
| 233 | *Tarsiger cyanurus* | Orange-flanked Bush-robin | W |
| 234 | *Myophonus caeruleus* | Blue Whistling-thrush | R |
| 235 | *Ficedula zanthopygia* | Yellow-rumped Flycatcher | S |
| 236 | *Ficedula narcissina* | Narcissus Flycatcher | P |
| 237 | *Ficedula mugimaki* | Mugimaki Flycatcher | P |
| 238 | *Ficedula albicilla* | Red-throated Flycatcher | W |
| 239 | *Phoenicurus auroreus* | Daurian Redstart | W |
| 240 | *Monticola solitarius* | Blue Rock-thrush | R |
| 241 | *Saxicola stejnegeri* | Stejneger's Stonechat | W |
| 242 | *Dicaeum ignipectus* | Fire-breasted Flowerpecker | R |
| 243 | *Aethopyga latouchii* | Fork-tailed Sunbird | R |
| 244 | *Passer montanus* | Eurasian Tree Sparrow | R |
| 245 | *Lonchura striata* | White-rumped Munia | R |
| 246 | *Lonchura punctulata* | Scaly-breasted Munia | R |
| 247 | *Motacilla tschutschensis* | Eastern Yellow Wagtail | W |
| 248 | *Motacilla cinerea* | Grey Wagtail | W |
| 249 | *Motacilla alba* | White Wagtail | R |
| 250 | *Anthus rufulus* | Paddyfield Pipit | R |
| 251 | *Anthus hodgsoni* | Olive-backed Pipit | W |
| 252 | *Anthus cervinus* | Red-throated Pipit | W |
| 253 | *Eophona migratoria* | Chinese Grosbeak | R |
| 254 | *Chloris sinica* | Oriental Greenfinch | R |
| 255 | *Emberiza citrinella* | Yellowhammer | V |
| 256 | *Emberiza fucata* | Chestnut-eared Bunting | W |
| 257 | *Emberiza pusilla* | Little Bunting | W |
| 258 | *Emberiza aureola* | Yellow-breasted Bunting | W |
| 259 | *Emberiza spodocephala* | Black-faced Bunting | W |

**p.s. S summer bird, W winter bird, R resident bird, P passing bird, V vagrant bird**