**Appendix 1. Investigated population number of waterbirds in 2015-2021.**

| **No.** | **Scientific Name** | **Common name** | **2015** | **2016** | **2017** | **2018** | **2019** | **2020** | **2021** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | *Ardea purpurea* | Purple Heron | 3 |  |  |  |  |  |  |
| 2 | *Ciconia nigra* | Black Stork | 2 |  |  |  |  |  |  |
| 3 | *Cygnus columbianus* | Tundra Swan | 14 |  |  |  |  |  | 160 |
| 4 | *Grus monacha* | Hooded Crane | 2 | 5 |  |  |  |  |  |
| 5 | *Calidris alpina* | Dunlin | 122 | 27 |  |  | 85 |  | 402 |
| 6 | *Numenius arquata* | Eurasian Curlew | 3 | 5 |  |  |  |  |  |
| 7 | *Anser cygnoid* | Swan Goose | 10146 | 65 | 272 |  | 66 |  | 22 |
| 8 | *Emberiza rustica* | Rustic Bunting |  |  | 1 |  |  |  |  |
| 9 | *Anser fabalis* | Taiga Bean Goose | 7800 | 12179 | 12749 | 6524 | 6524 | 3000 | 300 |
| 10 | *Anser anser* | Greylag Goose | 93 | 5362 | 6300 | 2550 | 3550 | 1200 | 636 |
| 11 | *Tadorna tadorna* | Common Shelduck |  | 13 | 13 | 137 | 37 | 13 | 30 |
| 12 | *Tadorna ferruginea* | Ruddy Shelduck |  |  |  | 224 | 224 | 180 | 102 |
| 13 | *Mareca strepera* | Gadwall |  |  | 127 | 329 | 229 | 210 |  |
| 14 | *Mareca falcata* | Falcated Duck | 367 | 682 | 738 | 586 | 186 | 1062 | 2500 |
| 15 | *Mareca penelope* | Eurasian Wigeon |  |  |  | 136 | 36 |  | 150 |
| 16 | *Anas platyrhynchos* | Mallard | 125 | 391 | 435 | 951 | 451 | 281 | 1650 |
| 17 | *Anas zonorhyncha* | Chinese Spot-billed Duck | 122 | 97 |  | 2045 | 1045 | 3402 | 3200 |
| 18 | *Anas acuta* | Northern Pintail |  |  |  | 22 | 22 |  |  |
| 19 | *Anas crecca* | Eurasian Teal | 76 | 346 | 678 | 404 | 804 | 2201 | 3720 |
| 20 | *Spatula clypeata* | Northern Shoveler |  |  |  | 194 | 94 | 33 | 120 |
| 21 | *Aythya ferina* | Common Pochard |  |  |  | 359 | 159 | 1238 | 1500 |
| 22 | *Aythya fuligula* | Tufted Duck |  |  |  | 28 | 28 | 185 | 35 |
| 23 | *Bucephala clangula* | Common Goldeneye |  |  |  | 15 | 15 |  |  |
| 24 | *Mergus merganser* | Goosander | 17 |  |  | 56 | 56 |  |  |
| 25 | *Tachybaptus ruficollis* | Little Grebe |  |  | 125 | 615 | 615 | 689 | 325 |
| 26 | *Podiceps cristatus* | Great Crested Grebe | 18 | 10 | 91 | 294 | 194 | 422 | 132 |
| 27 | *Platalea leucorodia* | Eurasian Spoonbill | 74 | 409 | 409 | 249 |  | 145 | 112 |
| 28 | *Botaurus stellaris* | Eurasian Bittern |  |  |  | 3 | 1 |  |  |
| 29 | *Nycticorax nycticorax* | Black-crowned Night-heron | 6 | 21 |  | 580 | 80 | 423 |  |
| 30 | *Ardeola bacchus* | Chinese Pond-heron | 53 | 5 |  | 236 | 6 |  |  |
| 31 | *Ardea cinerea* | Grey Heron | 98 | 1092 | 1043 | 476 | 476 | 735 | 280 |
| 32 | *Ardea alba* | Great White Egret | 10 |  | 21 | 139 | 39 |  | 51 |
| 33 | *Bubulcus ibis* | Cattle Egret | 31 | 3 | 17 | 17 | 10 |  |  |
| 34 | *Egretta garzetta* | Little Egret | 105 | 181 | 374 | 584 | 584 | 308 | 255 |
| 35 | *Phalacrocorax carbo* | Great Cormorant | 310 | 18 | 347 | 409 | 409 | 2034 | 1650 |
| 36 | *Rallus indicus* | Eastern Water Rail |  |  |  | 12 | 2 |  |  |
| 37 | *Zapornia akool* | Brown Crake |  | 1 |  | 27 | 7 |  |  |
| 38 | *Gallinula chloropus* | Common Moorhen | 280 | 596 | 589 | 1713 | 913 | 534 | 566 |
| 39 | *Fulica atra* | Common Coot |  |  |  | 811 | 611 | 1022 | 1180 |
| 40 | *Grus grus* | Common Crane |  | 2 |  | 33 | 3 | 65 |  |
| 41 | *Himantopus himantopus* | Black-winged Stilt |  |  |  | 83 | 83 |  | 210 |
| 42 | *Recurvirostra avosetta* | Pied Avocet |  |  |  | 748 | 148 | 284 | 385 |
| 43 | *Vanellus vanellus* | Northern Lapwing | 68 | 458 | 458 | 511 | 411 | 547 | 390 |
| 44 | *Pluvialis squatarola* | Grey Plover |  |  |  | 35 | 15 |  | 23 |
| 45 | *Charadrius placidus* | Long-billed Plover |  |  |  | 66 | 66 |  |  |
| 46 | *Charadrius dubius* | Little Ringed Plover |  |  |  | 73 | 3 | 4 |  |
| 47 | *Charadrius alexandrinus* | Kentish Plover |  |  |  | 199 | 99 |  | 112 |
| 48 | *Charadrius mongolus* | Lesser Sandplover |  |  |  | 38 | 38 |  |  |
| 49 | *Gallinago gallinago* | Common Snipe |  |  |  | 79 | 9 |  | 39 |
| 50 | *Limosa limosa* | Black-tailed Godwit |  |  |  | 50 | 10 |  | 50 |
| 51 | *Tringa stagnatilis* | Marsh Sandpiper | 74 | 9 |  | 39 | 9 |  | 23 |
| 52 | *Tringa nebularia* | Common Greenshank | 40 | 7 |  | 57 | 57 | 55 | 20 |
| 53 | *Tringa ochropus* | Green Sandpiper |  | 7 | 3 | 26 | 26 | 16 |  |
| 54 | *Tringa glareola* | Wood Sandpiper |  |  |  | 122 | 2 |  |  |
| 55 | *Actitis hypoleucos* | Common Sandpiper |  | 240 | 20 | 18 | 18 |  |  |
| 56 | *Calidris alba* | Sanderling |  |  |  | 6 | 6 |  |  |
| 57 | *Calidris temminckii* | Temminck's Stint |  |  |  | 138 | 38 |  |  |
| 58 | *Tringa erythropus* | Spotted Redshank |  |  |  | 885 | 49 | 138 | 345 |
| 59 | *Larus ridibundus* | Black-headed Gull |  |  |  | 2303 | 1303 | 850 | 1710 |
| 60 | *Larus mongolicus* | Mongolian Gull |  |  |  | 134 | 34 |  |  |
| 61 | *Halcyon smyrnensis* | White-breasted Kingfisher |  |  |  | 13 | 3 | 3 |  |
| 62 | *Alcedo atthis* | Common Kingfisher | 12 | 1 |  | 38 | 18 | 23 | 5 |
| 63 | *Ceryle rudis* | Pied Kingfisher | 2 | 5 |  | 9 |  | 3 |  |
| 64 | *Anser albifrons* | Greater White-fronted Goose |  |  |  |  |  |  | 3 |
| 65 | *Tringa totanus* | Common Redshank |  |  |  |  | 17 |  |  |
| 66 | *Aythya nyroca* | Ferruginous Duck |  |  |  |  | 28 |  |  |
| 67 | *Milvus migrans* | Black Kite |  |  |  |  |  | 2 |  |
| 68 | *Anser serrirostris* | Tundra Bean Goose |  |  |  |  |  |  | 2770 |
| 69 | *Larus canus* | Mew Gull |  |  |  |  |  | 12 |  |
| 70 | *Podiceps nigricollis* | Black-necked Grebe |  |  |  |  |  | 65 |  |
| 71 | *Megaceryle lugubris* | Crested Kingfisher |  |  |  |  | 9 |  |  |
| 72 | *Aythya baeri* | Baer's Pochard |  |  |  |  | 6 |  | 6 |
| 73 | *Buteo japonicus* | Japanese Buzzard |  |  |  |  |  |  | 2 |
| **Total** | **20073** | **22237** | **24810** | **26428** | **20066** | **21384** | **25171** |