**Appendix1. Bird species breeding in Gansu Dunhuang Xihu Wetlands**

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| **NO** | **Common name** | **Scientific Name** |
|
| 1 | Eurasian Sparrowhawk | *Accipiter nisus* |
| 2 | Northern Goshawk | *Accipiter gentilis* |
| 3 | Bearded Vulture | *Gypaetus barbatus* |
| 4 | Brambling | *Fringilla montifringilla* |
| 5 | Little Grebe | *Tachybaptus ruficollis* |
| 6 | Great Crested Grebe | *Podiceps cristatus* |
| 7 | Greylag Goose | *Anser anser* |
| 8 | Ruddy Shelduck | *Tadorna ferruginea* |
| 9 | Common Shelduck | *Tadorna tadorna* |
| 10 | Mallard | *Anas platyrhynchos* |
| 11 | Red-crested Pochard | *Netta rufina* |
| 12 | Osprey | *Pandion haliaetus* |
| 13 | Golden Eagle | *Aquila chrysaetos* |
| 14 | Hen Harrier | *Circus cyaneus* |
| 15 | Long-legged Buzzard | *Buteo rufinus* |
| 16 | Upland Buzzard | *Buteo hemilasius* |
| 17 | Rough-legged Buzzard | *Buteo lagopus* |
| 18 | Cinereous Vulture | *Aegypius monachus* |
| 19 | Common Kestrel | *Falco tinnunculus* |
| 20 | Peregrine Falcon | *Falco peregrinus* |
| 21 | Merlin | *Falco columbarius* |
| 22 | Saker Falcon | *Falco cherrug* |
| 23 | Eurasian Hobby | *Falco subbuteo* |
| 24 | Amur Falcon | *Falco amurensis* |
| 25 | Chukar | *Alectoris chukar* |
| 26 | Common Pheasant | *Phasianus colchicus* |
| 27 | Common Moorhen | *Gallinula chloropus* |
| 28 | Common Coot | *Fulica atra* |
| 29 | Northern Lapwing | *Vanellus vanellus* |
| 30 | Common Redshank | *Tringa totanus* |
| 31 | Common Sandpiper | *Actitis hypoleucos* |
| 32 | Black-tailed Godwit | *Limosa limosa* |
| 33 | Ruff | *Calidris pugnax* |
| 34 | Black-winged Stilt | *Himantopus himantopus* |
| 35 | Pallas's Sandgrouse | *Syrrhaptes paradoxus* |
| 36 | Eurasian Collared-dove | *Streptopelia decaocto* |
| 37 | Hill Pigeon | *Columba rupestris* |
| 38 | Oriental Turtle-dove | *Streptopelia orientalis* |
| 39 | Common Cuckoo | *Cuculus canorus* |
| 40 | Little Owl | *Athene noctua* |
| 41 | Short-eared Owl | *Asio flammeus* |
| 42 | Northern Long-eared Owl | *Asio otus* |
| 43 | Boreal Owl | *Aegolius funereus* |
| 44 | Eurasian Eagle-owl | *Bubo bubo* |
| 45 | European Nightjar | *Caprimulgus europaeus* |
| 46 | Common Swift | *Apus apus* |
| 47 | Pacific Swift | *Apus pacificus* |
| 48 | Common Hoopoe | *Upupa epops* |
| 49 | Lesser Short-toed Lark | *Alaudala rufescens* |
| 50 | Crested Lark | *Galerida cristata* |
| 51 | Eurasian Skylark | *Alauda arvensis* |
| 52 | Horned Lark | *Eremophila alpestris* |
| 53 | Collared Sand Martin | *Riparia riparia* |
| 54 | Barn Swallow | *Hirundo rustica* |
| 55 | Citrine Wagtail | *Motacilla citreola* |
| 56 | Eastern Yellow Wagtail | *Motacilla tschutschensis* |
| 57 | Richard's Pipit | *Anthus richardi* |
| 58 | Water Pipit | *Anthus spinoletta* |
| 59 | Red-tailed Shrike | *Lanius phoenicuroides* |
| 60 | Northern Grey Shrike | *Lanius borealis* |
| 61 | Brown Shrike | *Lanius cristatus* |
| 62 | Mongolian Ground-jay | *Podoces hendersoni* |
| 63 | Xinjiang Ground-jay | *Podoces biddulphi* |
| 64 | Carrion Crow | *Corvus corone* |
| 65 | Common Raven | *Corvus corax* |
| 66 | Oriental Magpie | *Pica serica* |
| 67 | Rufous-throated Thrush | *Turdus ruficollis* |
| 68 | Grey-backed Thrush | *Turdus hortulorum* |
| 69 | Pied Wheatear | *Oenanthe pleschanka* |
| 70 | Northern Wheatear | *Oenanthe oenanthe* |
| 71 | Desert Wheatear | *Oenanthe deserti* |
| 72 | Isabelline Wheatear | *Oenanthe isabellina* |
| 73 | Black Redstart | *Phoenicurus ochruros* |
| 74 | Bearded Reedling | *Panurus biarmicus* |
| 75 | White-browed Tit-warbler | *Leptopoecile sophiae* |
| 76 | Saxaul Sparrow | *Passer ammodendri* |
| 77 | Eurasian Tree Sparrow | *Passer montanus* |
| 78 | Mongolian Finch | *Bucanetes mongolicus* |