**Appendix 1. Bird species breeding in Sichuan Changshagongma Wetlands**

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| **NO** | **Common name** | **Scientific Name** | **Residence type** |
| **1** | Chinese Grouse | *Bonasa sewerzowi* | R |
| **2** | Snow Partridge | *Lerwa lerwa* | R |
| **3** | Chestnut-throated Partridge | *Tetraophasis obscurus* | R |
| **4** | Tibetan Snowcock | *Tetraogallus tibetanus* | R |
| **5** | Tibetan Partridge | *Perdix hodgsoniae* | R |
| **6** | Blood Pheasant | *Ithaginis cruentus* | R |
| **7** | White Eared-pheasant | *Crossoptilon crossoptilon* | R |
| **8** | Chinese Monal | *Lophophorus lhuysii* | R |
| **9** | Common Pheasant | *Phasianus colchicus* | R |
| **10** | Greylag Goose | *Anser anser* | S |
| **11** | Bar-headed Goose | *Anser indicus* | S |
| **12** | Ruddy Shelduck | *Tadorna ferruginea* | S |
| **13** | Mallard | *Anas platyrhynchos* | S |
| **14** | Chinese Spot-billed Duck | *Anas zonorhyncha* | S |
| **15** | Eurasian Teal | *Anas crecca* | S |
| **16** | Red-crested Pochard | *Netta rufina* | S |
| **17** | Ferruginous Duck | *Aythya nyroca* | S |
| **18** | Goosander | *Mergus merganser* | S |
| **19** | Little Grebe | *Tachybaptus ruficollis* | S |
| **20** | Great Crested Grebe | *Podiceps cristatus* | S |
| **21** | Hill Pigeon | *Columba rupestris* | R |
| **22** | Snow Pigeon | *Columba leuconota* | R |
| **23** | Oriental Turtle-dove | *Streptopelia orientalis* | R |
| **24** | Red Turtle-dove | *Streptopelia tranquebarica* | R |
| **25** | Tibetan Sandgrouse | *Syrrhaptes tibetanus* | S |
| **26** | White-throated Needletail | *Hirundapus caudacutus* | S |
| **27** | Pacific Swift | *Apus pacificus* | S |
| **28** | Common Cuckoo | *Cuculus canorus* | S |
| **29** | Black-necked Crane | *Grus nigricollis* | S |
| **30** | Ibisbill | *Ibidorhyncha struthersii* | R |
| **31** | Long-billed Plover | *Charadrius placidus* | S |
| **32** | Little Ringed Plover | *Charadrius dubius* | S |
| **33** | Kentish Plover | *Charadrius alexandrinus* | S |
| **34** | Solitary Snipe | *Gallinago solitaria* | S |
| **35** | Common Redshank | *Tringa totanus* | S |
| **36** | Common Sandpiper | *Actitis hypoleucos* | S |
| **37** | Pallas's Gull | *Larus ichthyaetus* | S |
| **38** | Little Tern | *Sternula albifrons* | S |
| **39** | Common Tern | *Sterna hirundo* | S |
| **40** | Black Stork | *Ciconia nigra* | S |
| **41** | Great Cormorant | *Phalacrocorax carbo* | S |
| **42** | Black-crowned Night-heron | *Nycticorax nycticorax* | S |
| **43** | Chinese Pond-heron | *Ardeola bacchus* | S |
| **44** | Cattle Egret | *Bubulcus ibis* | S |
| **45** | Great White Egret | *Ardea alba* | S |
| **46** | Bearded Vulture | *Gypaetus barbatus* | R |
| **47** | Himalayan Griffon | *Gyps himalayensis* | R |
| **48** | Cinereous Vulture | *Aegypius monachus* | R |
| **49** | Golden Eagle | *Aquila chrysaetos* | R |
| **50** | Northern Goshawk | *Accipiter gentilis* | R |
| **51** | Black Kite | *Milvus migrans* | R |
| **52** | Pallas's Fish-eagle | *Haliaeetus leucoryphus* | S |
| **53** | Upland Buzzard | *Buteo hemilasius* | R |
| **54** | Eurasian Eagle-owl | *Bubo bubo* | R |
| **55** | Little Owl | *Athene noctua* | R |
| **56** | Common Hoopoe | *Upupa epops* | S |
| **57** | Common Kestrel | *Falco tinnunculus* | R |
| **58** | Saker Falcon | *Falco cherrug* | S |
| **59** | Brown Shrike | *Lanius cristatus* | S |
| **60** | Grey-backed Shrike | *Lanius tephronotus* | S |
| **61** | Chinese Grey Shrike | *Lanius sphenocercus* | S |
| **62** | Oriental Magpie | *Pica serica* | R |
| **63** | Red-billed Chough | *Pyrrhocorax pyrrhocorax* | R |
| **64** | Yellow-billed Chough | *Pyrrhocorax graculus* | R |
| **65** | Daurian Jackdaw | *Corvus dauuricus* | R |
| **66** | Carrion Crow | *Corvus corone* | R |
| **67** | Large-billed Crow | *Corvus macrorhynchos* | R |
| **68** | Common Raven | *Corvus corax* | R |
| **69** | Rufous-vented Tit | *Periparus rubidiventris* | R |
| **70** | Coal Tit | *Periparus ater* | R |
| **71** | White-browed Tit | *Poecile superciliosus* | R |
| **72** | Marsh Tit | *Poecile palustris* | R |
| **73** | Sichuan Tit | *Poecile weigoldicus* | R |
| **74** | Ground Tit | *Pseudopodoces humilis* | R |
| **75** | Tibetan Lark | *Melanocorypha maxima* | R |
| **76** | Hume's Lark | *Calandrella acutirostris* | S |
| **77** | Lesser Short-toed Lark | *Alaudala rufescens* | S |
| **78** | Oriental Skylark | *Alauda gulgula* | S |
| **79** | Horned Lark | *Eremophila alpestris* | R |
| **80** | Spotted Grasshopper-warbler | *Locustella thoracica* | R |
| **81** | Pale Sand Martin | *Riparia diluta* | S |
| **82** | Barn Swallow | *Hirundo rustica* | S |
| **83** | Red-rumped Swallow | *Cecropis daurica* | S |
| **84** | Dusky Warbler | *Phylloscopus fuscatus* | S |
| **85** | Alpine Leaf Warbler | *Phylloscopus occisinensis* | S |
| **86** | Buff-throated Warbler | *Phylloscopus subaffinis* | S |
| **87** | Buff-barred Warbler | *Phylloscopus pulcher* | S |
| **88** | Greenish Warbler | *Phylloscopus trochiloides* | S |
| **89** | Claudia's Leaf-warbler | *Phylloscopus claudiae* | S |
| **90** | White-browed Tit-warbler | *Leptopoecile sophiae* | R |
| **91** | Crested Tit-warbler | *Leptopoecile elegans* | R |
| **92** | Chinese Fulvetta | *Fulvetta striaticollis* | R |
| **93** | Great Parrotbill | *Conostoma aemodium* | R |
| **94** | Three-toed Parrotbill | *Cholornis paradoxus* | R |
| **95** | Swinhoe's White-eye | *Zosterops simplex* | S |
| **96** | Plain Laughingthrush | *Garrulax davidi* | R |
| **97** | Elliot's Laughingthrush | *Trochalopteron elliotii* | R |
| **98** | Wallcreeper | *Tichodroma muraria* | R |
| **99** | Northern Wren | *Troglodytes troglodytes* | R |
| **100** | White-throated Dipper | *Cinclus cinclus* | R |
| **101** | Brown Dipper | *Cinclus pallasii* | R |
| **102** | White-backed Thrush | *Turdus kessleri* | R |
| **103** | Siberian Rubythroat | *Calliope calliope* | S |
| **104** | Himalayan Rubythroat | *Calliope pectoralis* | S |
| **105** | White-throated Redstart | *Phoenicurus schisticeps* | R |
| **106** | Black Redstart | *Phoenicurus ochruros* | S |
| **107** | Hodgson's Redstart | *Phoenicurus hodgsoni* | S |
| **108** | Daurian Redstart | *Phoenicurus auroreus* | S |
| **109** | White-winged Redstart | *Phoenicurus erythrogastrus* | S |
| **110** | Plumbeous Water-redstart | *Phoenicurus fuliginosus* | R |
| **111** | White-capped Water-redstart | *Phoenicurus leucocephalus* | R |
| **112** | Siberian Stonechat | *Saxicola maurus* | S |
| **113** | Blue Rock-thrush | *Monticola solitarius* | R |
| **114** | Ferruginous Flycatcher | *Muscicapa ferruginea* | S |
| **115** | Red-throated Flycatcher | *Ficedula albicilla* | S |
| **116** | Goldcrest | *Regulus regulus* | R |
| **117** | Robin Accentor | *Prunella rubeculoides* | R |
| **118** | Rufous-breasted Accentor | *Prunella strophiata* | R |
| **119** | Brown Accentor | *Prunella fulvescens* | R |
| **120** | Maroon-backed Accentor | *Prunella immaculata* | R |
| **121** | Przevalski's Rosefinch | *Urocynchramus pylzowi* | R |
| **122** | Russet Sparrow | *Passer cinnamomeus* | S |
| **123** | Eurasian Tree Sparrow | *Passer montanus* | R |
| **124** | Rock Sparrow | *Petronia petronia* | R |
| **125** | Black-winged Snowfinch | *Montifringilla adamsi* | R |
| **126** | White-rumped Snowfinch | *Onychostruthus taczanowskii* | R |
| **127** | Rufous-necked Snowfinch | *Pyrgilauda ruficollis* | R |
| **128** | Citrine Wagtail | *Motacilla citreola* | S |
| **129** | Grey Wagtail | *Motacilla cinerea* | S |
| **130** | White Wagtail | *Motacilla alba* | S |
| **131** | Richard's Pipit | *Anthus richardi* | S |
| **132** | Olive-backed Pipit | *Anthus hodgsoni* | S |
| **133** | Rosy Pipit | *Anthus roseatus* | S |
| **134** | Water Pipit | *Anthus spinoletta* | S |
| **135** | White-winged Grosbeak | *Mycerobas carnipes* | R |
| **136** | Grey-headed Bullfinch | *Pyrrhula erythaca* | R |
| **137** | Dark-breasted Rosefinch | *Procarduelis nipalensis* | R |
| **138** | Plain Mountain-finch | *Leucosticte nemoricola* | R |
| **139** | Brandt's Mountain-finch | *Leucosticte brandti* | R |
| **140** | Common Rosefinch | *Carpodacus erythrinus* | S |
| **141** | Streaked Rosefinch | *Carpodacus rubicilloides* | R |
| **142** | Pink-rumped Rosefinch | *Carpodacus waltoni* | R |
| **143** | Dark-rumped Rosefinch | *Carpodacus edwardsii* | R |
| **144** | Long-tailed Rosefinch | *Carpodacus sibiricus* | R |
| **145** | Chinese White-browed Rosefinch | *Carpodacus dubius* | R |
| **146** | Red-fronted Rosefinch | *Carpodacus puniceus* | R |
| **147** | Oriental Greenfinch | *Chloris sinica* | R |
| **148** | Black-headed Greenfinch | *Chloris ambigua* | R |
| **149** | Twite | *Linaria flavirostris* | R |
| **150** | Tibetan Siskin | *Spinus thibetanus* | R |
| **151** | Godlewski's Bunting | *Emberiza godlewskii* | R |
| **152** | Meadow Bunting | *Emberiza cioides* | R |