

Birdwatching Holidays in Spain, Morocco & more…

BOLETAS Birdwatching centre

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KAZAKHSTAN 2nd to 14th MAY 2014

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Notes - Weather |  | *Column #* | | *Enter a tick for each species recorded on tour* | | | |
|  |  |  | | | | | |
|  |  |  | *Date* | |  | | *Sites* |
|  |  | May | *2nd* | |  |  |  |
|  |  |  |  | |  |  |  |
|  |  | May | *3rd* | |  |  |  |
|  |  |  |  | |  |  |  |
|  |  | May | *4th* | |  |  |  |
|  |  |  |  | |  |  |  |
|  |  | May | *5th* | |  |  |  |
|  |  |  |  | |  |  |  |
|  |  | May | *6th* | |  |  |  |
|  |  |  |  | |  |  |  |
|  |  | May | *7th* | |  |  |  |
|  |  |  |  | |  |  |  |
|  |  | May | *8th* | |  |  |  |
|  |  |  |  | |  |  |  |
|  |  | May | *9th* | |  |  |  |
|  |  |  |  | |  |  |  |
|  |  | May | *11th* | |  |  |  |
|  |  |  |  | |  |  |  |
|  |  | May | *12th* | |  |  |  |
|  |  |  |  | |  |  |  |
|  |  | May | *13th* | |  |  |  |
|  |  |  |  | |  |  |  |
|  |  | May | *14th* | |  |  |  |
|  |  |  |  | |  |  |  |

Field check list

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | *English name* | *Species name* | *subspecies* | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th |
|  | Black Grouse | Tetrao tetrix | mongolicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Himalayan Snowcock | Tetraogallus himalayensis | sewerzowi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Chukar | Alectoris chukar | falki |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | dzungarica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Grey Partridge | Perdix perdix | robusta |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Daurian Partridge | Perdix dauurica | dauurica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Quail | Coturnix coturnix | coturnix |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Pheasant | Phasanicus colchicus | mongolicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Greylag Goose | Anser anser | rubrirostris |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Mute Swan | Cygnus olor |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Whooper Swan | Cygnus cygnus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Ruddy Shelduck | Tadorna ferruginea |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Shelduck | Tadorna tadorna |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Northern Pintail | Anas acuta |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Northern Shoveler | Anas clypeata |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Mallard | Anas platyrhynchos | platyrhynchos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Gadwall | Anas strepera | strepera |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Garganey | Anas querquedula |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Teal | Anas crecca | crecca |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Wigeon | Anas penelope |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Pochard | Aythya ferina |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Ferruginous Duck | Aythya nyroca |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Tufted Duck | Aythya fuligula |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red-crested Pochard | Netta rufina |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-headed Duck | Oxyura leucocephala |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-throated Diver | Gavia arctica | arctica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *English name* | *Species name* | *subspecies* | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th |
|  | Little Grebe | Tachybaptus ruficollis | capensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red-necked Grebe | Podiceps grisegena | grisegena |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Great Crested Grebe | Podiceps cristata | cristatus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Slavonian Grebe | Podiceps auritus | auritus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-necked Grebe | Podiceps nigricollis | nigricollis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Greater Flamingo | Phoenicopterus roseus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Stork | Ciconia nigra |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Spoonbill | Platalea leucorodia | leucorodia |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Great Bittern | Botaurus stellaris | stelllaris |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Little Bittern | Ixobrychus minutus | minutus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-crowned Night Heron | Nycticorax nycticorax | nycticorax |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Grey Heron | Ardea cinerea | cinerea |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Purple Heron | Ardea purpurea | purpurea |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Great Egret | Casmerodius albus | albus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Great White Pelican | Pelecanus onocrotalus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Dalmation Pelican | Pelecanus crispus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Great Cormorant | Phalacrocorax carbo | sinensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Barbary Falcon | Falco pelegrinoides | babylonicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Saker Falcon | Falco cherrug | cherrug & milvipes |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Lesser Kestrel | Falco naumanni |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Kestrel | Falco tinnunculus | tinnunculus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Merlin | Falco columbarius | pallidus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | lymani |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red-footed Falcon | Falco vespertinus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Hobby | Falco subbuteo | subbuteo |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Honey-buzzard | Pernis apivorus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Crested Honey Buzzard | Pernis ptilorhyncus | orientalis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Osprey | Pandion heliaetus | heliaetus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-tailed Eagle | Haliaeetus albicilla | albicilla |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Lammergeier | Gypaetus barbatus | aureus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Egyptian Vulture | Neophron percnopterus | percnopterus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Himalayan Griffon | Gyps himalayensis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Griffon | Gyps fulvus | fulvus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Cinereous Vulture | Aegypius monachus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Kite | Milvus migrans |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-eared Kite |  | lineatus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Western Marsh Harrier | Circus aeruginosus | aeruginosus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Hen Harrier | Circus cyaneus | cyaneus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *English name* | *Species name* | *subspecies* | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th |
|  | Pallid Harrier | Circus macrourus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Montagu's Harrier | Circus pygargus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Shikra | Accipiter badius | cenchroides |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Sparrowhawk | Accipiter nisus | nisus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | nisosimilis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | dementjevi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Northern Goshawk | Accipiter gentilis | buteoides |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | schvedowi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Buzzard | Buteo buteo | vulpinus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Long-legged Buzzard | Buteo rufinus | rufinus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Upland Buzzard | Buteo hemilasius |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Golden Eagle | Aquila chrysaetos | chrysaetos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | homeyeri |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | daphanea |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eastern Imperial Eagle | Aquila heliaca |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Steppe Eagle | Aquila nipalensis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Greater Spotted Eagle | Aquila clanga |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Booted Eagle | Aquila pennata |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Short-toed Eagle | Circaetus gallicus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Little Bustard | Tetrax tetrax |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Macqueens Bustard | Chlamydotis macqueenii |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Demoiselle Crane | Grus virgo |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Crane | Grus grus | lilfordi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Corncrake | Crex crex |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Water Rail | Rallus aquaticus | aquaticus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | korejewi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Little Crake | Porzana parva |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Baillon's Crake | Porzana pusilla | pusilla |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Spotted Crake | Porzana porzana |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Coot | Fulica atra | atra |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Moorhen | Gallinula chloropus | chloropus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-winged Stilt | Himantopus himantopus | himantopus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Pied Avocet | Recurvirostra avosetta |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Oystercatcher | Heamatopus ostralegus | longipes |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | buturlini |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Ibisbill | Ibidorhyncha struthersii |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Stone Curlew | Burhinus oedicnemus | harterti |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Northern Lapwing | Vanellus vanellus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *English name* | *Species name* | *subspecies* | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th |
|  | Sociable Lapwing | Vanellus gregarius |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Pacific Golden Plover | Pluvialus fulva |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Grey Plover | Pluvialis squatarola | squatarola |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Greater Sand Plover | Charadrius leschenaultii | crassirostris |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Caspian Plover | Charadrius asiaticus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Kentish Plover | Charadrius alexandrinus | alexandrinus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Ringed Plover | Charadrius hiaticula | tundrea |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Little Ringed Plover | Charadrius dubius | curonicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Snipe | Gallinago gallinago | gallinago |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Woodcock | Scolopax rusticola |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-tailed Godwit | Limosa limosa | limosa |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Bar-tailed Godwit | Limosa lapponica | taymyrensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Whimbrel | Numenius phaeopus | phaeopus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Curlew | Numenius arquata | orientalis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | arquata |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | suschkiki |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Spotted Redshank | Tringa erythropus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Redshank | Tringa totanus | ussuriensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Marsh Sandpiper | Tringa stagnatilis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Greenshank | Tringa nebularia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Green Sandpiper | Tringa ochropus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Wood Sandpiper | Tringa glareola |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Terek Sandpiper | Xenus cinereus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Sandpiper | Actitis hypoleucos |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Ruddy Turnstone | Arenaria interpres | interpres |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Little Stint | Calidris minuta |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Temminck's Stint | Calidris temminckii |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Dunlin | Calidris alpina | alpina |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | centralis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Curlew Sandpiper | Calidris ferruginea |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sanderling | Calidris alba | alba |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Ruff | Philomachus pugnax |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red-necked Phalarope | Phalaropus lobatus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Collared Pratincole | Glareola pratincola | pratincola |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-winged Pratincole | Glareola nordmanni |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Little Gull | Hydrocoloeus minutus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-headed Gull | Chroicocephalus ridibundus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Slender-billed Gull | Larus genei |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *English name* | *Species name* | *subspecies* | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th |
|  | Common Gull | Larus canus | henei |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Caspian Gull | Larus cachinnans |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *Larus fuscus complex* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Steppe Gull | Larus fuscus | barabensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Heuglin's Gull |  | heuglini |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Baltic Gull |  | fuscus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Great Black-headed Gull | Larus ichthyaetus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Gull-billed Tern | Gelochelidon nilotica | nilotica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Caspian Tern | Hydroprogne caspia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Tern | Sterna hirundo | hirundo |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Little Tern | Sternula albifrons | albifrons |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Tern | Chlidonias niger | niger |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-winged Tern | Chlidonias leucopterus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Whiskered Tern | Chlidonias hybrida | hybrida |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-bellied Sandgrouse | Pterocles orientalis | arenarius |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Pallas's Sandgrouse | Syyrhaptes paradoxus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Pin-tailed Sandgrouse | Pterocles alchata | caudactus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Rock Dove | Columba livia | neglecta |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | livia |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Hill Pigeon | Columba rupestris | turkestanica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Stock Dove | Columba oenas | oenas |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | yarkandensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Yellow-eyed Pigeon | Columba eversmanni |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Wood Pigeon | Columba palumbus | palumbus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | casiotis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | European Turtle Dove | Streptopelia turtur | turtur |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | arenicola |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Oriental Turtle Dove | Streptopelia orientalis | meena |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | orientalis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Collared Dove | Streptopelia decaocto | decaocto |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Laughing Dove | Streptopelia senegalensis | ermanni |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Cuckoo | Cuculus canorus | canorus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | subtelephonus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Pallid Scops Owl | Otus brucei | obsoletus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | brucei |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | European Scops Owl | Otus scops | pulchellus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Little Owl | Athena noctua | bactriana |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | orientalis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *English name* | *Species name* | *subspecies* | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th |
|  |  |  | indigena |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Eagle Owl | Bubo bubo | hemachalanus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | turcomanus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Tengmalm's Owl | Aegolius funereus | pallens |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Northern Hawk Owl | Surnia ulula | tienschanica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Long-eared Owl | Asio otus | otus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Short-eared Owl | Asio flammeus | flammeus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | European Nightjar | Caprimulgus europaeus | europaeus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | sarudnyi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | plumipes |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Swift | Apus apus | apus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | pekinensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Alpine Swift | Apus melba | tuneti |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | European Roller | Coracius garrulus | semenowi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Blue-cheeked Bee-eater | Merops persicus | persicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | European Bee-eater | Merops apiaster |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Kingfisher | Alcedo atthis | atthis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Hoopoe | Upupa epops | epops |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Wryneck | Jynx torquilla | sarudnyi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Three-toed Woodpecker | Picoides tridactylus | tienschanicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-winged Woodpecker | Dendrocopus leucopterus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Great Spotted Woodpecker | Dendrocopus major | major |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red-backed Shrike | Lanius collurio | collurio |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Turkestan Shrike | Lanius phoenicuroides | "phoenicuroides" type |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | "karelini" type |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Daurian Shrike | Lanius isabellinus | isabellinus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | arenarius |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Lesser Grey Shrike | Lanius minor |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Long-tailed Shrike | Lanius schach | erythronotus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Asian Grey Shrike | Lanius lahtora | pallidirostris |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Nutcracker | Nucifraga caryocatactes | rothschildi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Magpie | Pica pica | bactriana |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red-billed Chough | Pyrrhocorax pyrrhocorax | centralis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Yellow-billed Chough | Pyrrhocorax graculus | forsythi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Rook | Corvus frugilegus | frugulegus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Carrion Crow | Corvus corone | orientalis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Hooded Crow | Corvus cornix | sharpii |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Raven | Corvus corax | tibetanus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *English name* | *Species name* | *subspecies* | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th |
|  |  |  | corax |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Punjab Raven |  | laurencei |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Brown-necked Raven | Corvus ruficollis | ruficollis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Jackdaw | Corvus monedula | soemmerringii |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Indian Golden Oriole | Oriolus kundoo |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | European Golden Oriole | Oriolus oriolus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Great Tit | Parus major | major |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Turkestan Tit | Parus bokharensis | turkestanicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Azure Tit | Cyanistes cyanus | tianschanicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | koktalensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Coal Tit | Periparus ater | rufipectus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Songar Tit | Poecile songara | songara |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Bearded Reedling | Panurus biarmicus | russicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Penduline Tit | Remiz pendulinus | jaxarticus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | caspius |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-headed Penduline Tit | Remiz macronyx | macronyx |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | ssaposhnikowi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-crowned Penduline Tit | Remiz coronatus | coronatus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | stoliczkae |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Long-tailed Tit | Aegithalos caudatus | caudatus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sand Martin | Riparia riparia | riparia |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | innominata |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Pale Martin | Riparia diluta | gavrilova |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | diluta |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Crag Martin | Ptyonoprogne rupestris |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Barn Swallow | Hirundo rustica | rustica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red-rumped Swallow | Cecropis daurica | rufula |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Northern House Martin | Delichon urbicum | urbicum |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Calandra Lark | Melanocorypha calandra | calandra |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | psammochroa |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Bimaculated Lark | Melanocorypha bimaculata | torquata |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-winged Lark | Melanocorypha leucoptera |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black Lark | Melanocorypha yeltoniensis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Crested Lark | Galerida cristata | magna |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Greater Short-toed Lark | Calandrella brachydactyla | longipennis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Hume's Short-toed Lark | Calandrella acutirostris | acutirostris |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Asian Short-toed Lark | Calandrella cheleensis | henei |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Skylark | Alauda arvensis | arvensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *English name* | *Species name* | *subspecies* | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th |
|  |  |  | dulcivox |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Oriental Skylark | Alauda gulgula | inconspicua |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Horned Lark | Eremophila alpestris | albigula |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | brandti |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Cetti's Warbler | Cettia cetti | orientalis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | albiventris |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Moustached Warbler | Acrocephalus melanopogon | mimicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sedge Warbler | Acrocephalus schoenobaenus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Savi's Warbler | Locustella luscinioides | fusca |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | sarmatica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eastern Grasshopper Warbler | Locustella naevia | straminea |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Great Reed Warbler | Acrocephalus arundinaceus | zarudnyi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Clamorous Reed Warbler | Acrocephalus stentoreus | brunnescens |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Reed Warbler | Acrocephalus scirpaceus | fuscus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Paddyfield Warbler | Acrocephalus agricola |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Blyth's Reed Warbler | Acrocephalus dumetorum |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Booted Warbler | Iduna caligata |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sykes's Warbler | Iduna rama |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eastern Olivaceous Warbler | Iduna pallidus | elaeicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Willow Warbler | Phylloscopus trochilus | acredula |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | yakutensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Siberian Chiffchaff | Phylloscopus collybita | tristis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sulphur-bellied Warbler | Phylloscopus griseolus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Yellow-browed Warbler | Phylloscopus inornatus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Hume's Leaf Warbler | Phylloscopus humei | humei |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Greenish Warbler | Phylloscopus trochiloides | viridanus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Barred Warbler | Sylvia nisoria |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eastern Orphean Warbler | Sylvia crassirostris | jerdoni |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Lesser Whitethroat | Sylvia curruca | curruca |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Central Asian Lesser Whitethroat |  | halimodendri |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | minula |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Desert Whitetroat |  | margelanica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Hume's Whitethroat | Sylvia althaea |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Whitethroat | Sylvia communis | rubicola |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | volgensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Asian Desert Warbler | Sylvia nana |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Wallcreeper | Tichodroma muraria | nepalensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eastern Rock Nuthatch | Sitta tephronota | tephronota |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *English name* | *Species name* | *subspecies* | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th |
|  | Eurasian Treecreeper | Certhia familiaris | tianschanica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Winter Wren | Troglodytes troglodytes | tianschanicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-browed Tit Warbler | Leptopoecile sophiae | sophiae |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Goldcrest | Regulus regulus | tristis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Myna | Acridotheres tristis | tristis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Rose-coloured Starling | Sturnus roseus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Starling | Sturnus vulgaris | poltaratskyi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | porphyronotus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Blue Whistling Thrush | Myophonus caeruleus | temminckii |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Rock Thrush | Monticola saxatilis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Blue Rock Thrush | Monticola solitarius | pandoo |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian blackbird | Turdus merula | merula |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | intermedius |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-throated Thrush | Turdus atrogularis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | "relicta" morph |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Fieldfare | Turdus pilaris |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Mistle Trush | Turdus viscivorus | bonapartei |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White's Trush | Zoothera aurea | aurea |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Thrush Nightingale | Luscinia luscinia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Nightingale | Luscinia megarhynchos | golzii |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Rufous Scrub Robin | Cercotrichas galactotes | familiaris |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-thoated Robin | Irania gutturalis |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-tailed Rubythroat | Luscinia pectoralis | ballioni |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Bluethroat | Luscinia svecica | pallidogularis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | saturatior |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | svecica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Blue-capped Redstart | Phoenicurus coeruleocephalus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eversmann's Redstart | Phoenicurus erythronotus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | "Eastern" Black Redstart | Phoenicurus ochruros | phoenicuroides |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Redstart | Phoenicurus phoenicurus | phoenicurus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Güldenstädt's Redstart | Phoenicurus erythrogaster | grandis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Whinchat | Saxicola rubetra |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Siberian Stonechat | Saxicola maurus | maurus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Northern Wheatear | Oenanthe oenanthe | oenanthe |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | libanotica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Isabelline Wheatear | Oenanthe isabellina |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Desert Wheatear | Oenanthe deserti | deserti |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *English name* | *Species name* | *subspecies* | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th |
|  | Pied Wheatear | Oenanthe pleschanka |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Spotted Flycatcher | Muscicapa striata | striata |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Saxaul Sparrow | Passer ammodendri | nigricans |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | House Sparrow | Passer domesticus | domesticus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Indian Sparrow | Passer indicus | bactrianus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Spanish Sparrow | Passer hispaniolensis | transcaspicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Tree Sparrow | Passer montanus | montanus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | dilutus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Rock Sparrow | Petronia petronia | intermedia |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Brown Accentor | Prunella fulvescens | fulvescens |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-throated Accentor | Prunella atrogularis | huttoni |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Alpine Accentor | Prunella collaris | rufilata |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Altai Accentor | Prunella himalayana |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-bellied Dipper | Cinclus cinclus | leucogaster |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Brown Dipper | Cinclus pallasii | tenuirostris |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White Wagtail | Motacilla alba | alba |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | personata |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | ocularis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Citrine Wagtail | Motacilla citreola | citreola |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Yellow Wagtail | Motacilla flava |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Black-headed Wagtail |  | feldegg |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Sykes's Wagtail |  | beema |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eastern Yellow Wagtail |  | tschutschensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Grey-headed Wagtail |  | thunbergi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-headed Wagtail |  | leucocephala |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Grey Wagtail | Motacilla cinerea | cinerea |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Richard's Pipit | Anthus richardi | richardi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Tawny Pipit | Anthus campestris |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Tree Pipit | Anthus trivialis | haringtoni |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Water Pipit | Anthus spinoletta | blakistoni |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Chaffinch | Fringilla coelebs | coelebs |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eurasian Goldfinch | Carduelis carduelis | frigoris |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Eastern Goldfinch |  | paropanisi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | subulata |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | European Greenfinch | Chloris chloris | turkestanicus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Twite | Carduelis flavirostris | kirghizorum |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | korejevi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Linnet | Carduelis cannabina | bella |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | *English name* | *Species name* | *subspecies* | 2nd | 3rd | 4th | 5th | 6th | 7th | 8th | 9th | 10th | 11th | 12th | 13th | 14th |
|  | European Siskin | Carduelis spinus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red-fronted Serin | Serinus pusillus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Plain Mountain Finch | Leucosticte nemoricola | altaica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Brandt's Mountain Finch | Leucosticte brandti | brandti |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Asian Crimson-winged Finch | Rhodopechys sanguineus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Mongolian Finch | Bucanetes mongolicus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Desert Finch | Rhodospiza obsoleta |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Rosefinch | Carpodacus erythrinus | erythrinus |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | ferghanensis |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red-mantled Rosefinch | Carpodacus rhodachlamys |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Spotted Great Rosefinch | Carpodacus severtzovi | severtzovi |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red-fronted Rosefinch | Carpodacus puniceus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-winged Grosbeak | Mycerobas carnipes | carnipes |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Crossbill | Loxia curvirostra | tianschanica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Yellowhammer | Emberiza citrinella | erythrogenys |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Pine Bunting | Emberiza leucocephalos | leucocephalos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | White-capped Bunting | Emberiza stewarti |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Rock Bunting | Emberiza cia | par |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Meadow Bunting | Emberiza cioides | tarbagataica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Corn Bunting | Emberiza calandra | buturlini |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Grey-necked Bunting | Emberiza buchanani | neobscura |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Ortolan Bunting | Emberiza hortulana |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red-headed Bunting | Emberiza bruniceps |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Common Reed Bunting | Emberiza schoeniclus | passerina |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | incognita |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | pyrrhuloides |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | ADDITIONALS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | MAMMALS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Saiga Antelope | Saiga tatarica | tatarica |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Goitered Gazelle | Gazella subgutturosa | subgutturosa |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Steppe Marmot | Marmota bobac |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Long-tailed Marmot | Marmota caudata |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red Pika | Ochotona rutila |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Great Gerbil | Rhombomys opimus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Midday Gerbil | Meriones meridians |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Suslik | Citellus fulvus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Red Squirrel | Sciurus vulgaris |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Tolai Hare | Lepus tolai |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Brown Hare | Lepus europaeus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Stoat | Mustela erminea |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Fox | Vulpes vulpes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Wolf | Canus lupus |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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FYI: People mentioned in the common and scientific bird names on tour:

**Althaea:** a mythical Greek wife of King Oenus of Calydon and mother of Meleager. Why Hume’s Whitethroat bears this person’s name in its scientific nomenclature is a mystery.

**Blyth:** (1810-1873) an English zoologist and author, Curator of the Museum of Asiatic Society of Bengal. He sounds a really nice bloke! Hume wrote of him “..*neither neglect nor harshness could drive, nor wealth nor worldy advantages tempt him from what he deemed a nobler path. He was ill paid and subjected to ceaseless humiliations”.* Gore wrote *“…All that he knew was at the service of everybody. No one asking him for information asked in vain”.* He was fascinated with natural history at an early age and described the type specimen of the British race of Yellow Wagtail – from Tooting in S. London! He had poor health, so collected in the field very little, but instead wrote prolifically on what was brought to him at the museum.

**Buchanan:** (1762-1829) was a Scottish physician serving in the East India Company where he collected plants in the Andaman Islands. He also studied fish and went back and forth to India in various high positions before retiring to his family home in Perthshire. He described and painted the Grey-hooded Bunting, which was named for him by Blyth when his collection was discovered and examined after his death.

**Cetti:** (1726-1778) an Italian Jesuit Priest, zoologist and mathematician who wrote books on the natural history of Sardinia. The warbler genus *Cettia* is named for him by Marmora many years after Cetti’s death in honour of his earlier work on Sardinia.

Eversmann: (1794-1860) a Russian entomologist and Professor of zoology travelling of remote areas of the Russian empire, including Bukhara. He has several plants and lepidoptera named after him and actually discovered the redstart and stock dove himself!

Gene’: (1800-1847) was the son of humble parents from Lombardy. He gained a Ph.D in natural history, especially entomology. He became Professor and Director of the Royal Zoological Museum at Turin. His colleague Breme described the Slender-billed Gull in 1839 and honoured Gene’ in its scientific name.

Guldenstadt: (1745-1781) a Baltic-German physician and natural scientist who was a professor at the Russian Academy of Sciences. He travelled on numerous expeditions in and around Russia, the Black Sea and Caspian Sea before dying young during an epidemic in St. Petersburg. He was first to describe many bird species including Terek Sandpiper and the redstart that used to bear his name, but is now called White-winged.

Heuglin: (1824-1876) a German mining engineer and ornithologist who explored in Africa, was opposed to the theory of evolution and died of pneumonia! His name lives on in numerous species named for him, but the Heuglin’s Gull has now been “demoted” back to subspecies status of Lesser Black-backed after a brief year or two of glory as full species!

Hume: (1829-1912) a British Theosophist, poet and writer on Indian birds. Stationed in India in the Civil Service much of his working life, he amassed the largest private collection of Indian birds ever known.

**Leschenault:** (1773-1826) a French botanist who served as naturalist to two kings of France and wrote an early treatise on coconuts and the extraction of their oil. He accompanied numerous voyages to Java, Australia and the south Pacific, also to India and Sri Lanka and Brazil and Guyana. He also collected birds and the scientific name of Greater Sandplover is named after him by Lesson.

MacQueen: (1729-1840) was a General in the British Army in India where he collected extensively and presented the bustard to the British Museum.

Menetries: (1802-1861) was born in Paris and joined a Russian expedition to Brazil at the age of 19. He became Curator of Zoology at St. Petersburg and remained in Russia for the rest of his life. He made other expeditions into various areas of remote Russia, and Asia Minor under Russian organization and protection. He was firstly an entomologist, but like so many others of his time had an eye for anything else of interest and collected avidly. He described and discovered “his” warbler and also Bimaculated Lark and was one of the first to realize that the large drab wheatears he saw in the Caucasus were a full species- Isabelline. He spent much of the remainder of his short life publishing papers and accounts of entomology from all over the world.

Montagu: (1753-1815) was an apparently eccentric British aristocrat, court-marshalled from the services, living with mistresses and squandering fortunes. His studies of birds were purely within Britain and he was the first to describe the Harrier now named for him. He died of tetanus after treading on a rusty nail.

**Naumann:** (1744-1826) who is mentioned in the scientific name of Lesser Kestrel was a German farmer and amateur naturalist who wrote a definitive book on German birds. His son (1780-1857) was widely regarded as a founder of scientific ornithology in Europe.

**Nordmann:** (1803 – 1866) for whom the scientific name for Black-winged Pratincole is named was a Finnish zoologist who collected in southern Russia. He eventually became a Professor of Zoology in Berlin, Odessa and Helsinki. He both collected and described the Pratincole, giving it the species name “*melanoptera” -* this was changed to *“nordmanni”* by Fischer at the Imperial Society of Naturalists in Moscow.

**Pallas:** (1741-1811) was a German zoologist and one of the greatest 18th century naturalists. He achieved his doctorate at 19 years old and was a great traveller and geographer. He travelled and explored extensively over remoter parts of Russia and Mongolia, describing many species of birds, fish, reptiles and insects – a volcano and coral reef are also named for him. The Brown Dipper bears his name in its scientific nomenclature and the gull formerly known as Great Black-headed is now called “Pallas’s”. We also saw “his” Sandgrouse.

Pander: (1794-1865) an affluent Latvian palaeontologist, biologist and evolutionist who joined the Russian Academy of Sciences. Whether he actually discovered the Ground-Jay formerly named after him is not clear.

Savi: (1798-1871) was born in Italy and was a zoologist, geologist and palaeontologist, being Professor of Natural History at Pisa University. The warbler was sent to him and he recognised it as a different species which was eventually named after him by other colleagues. He travelled extensively through Europe but not further afield (probably accounting for his longer life span!).

Stewart: (1819-1888) was an officer in the British Army in India and became Surgeon-General. The Bunting bearing his name in its scientific nomenclature was named for him by Blyth. He also has an Indian species of fish named after him.

Sykes: (1790-1872) an amateur naturalist British Army Officer serving the Empire in India. Later he was Director of the East India Company, then Rector of Aberdeen University and MP for Aberdeen.

Severzov: (1827-1885) a Russian zoologist who explored central Asia and has lots of plants and fish named after him as well as the elusive tit-warbler (though now the name has been changed to “White-browed”).

**Sophia:** The scientific species name for Severzov’s Tit-Warbler, named for Sophia, Tsarina and wife of Tsar Alexander ll. She was also called Princess Maximiliane Wilhelmine Auguste Sophie Marie (1824-1880) – good job he chose the abbreviated version of her name!

**Temminck:** (1778-1858) a Dutch ornithologist, illustrator and collector and first Director of the Rijksmuseum in Leiden. He was a wealthy man who had a large collection of live and specimen birds. Over 40 years he built the Leiden Museum into one of the greatest collections in the world. He sometimes travelled on expeditions in a carriage specially adapted to carry bird skins and specimens.

**Some Taxonomic, Nomenclature and other Bird Notesof the VENT TOUR IN 2012**

**Gull Taxonomy:** Once it was easy - there were simply Herring Gulls (*L. argentatus*) and Lesser-Black-backed Gulls (*L. fuscus*)! Then the Scandinavians in particular (and in particular Olsen & Larsen who wrote the in-depth guide to Gulls of Europe, Asia and North America) started splitting. Herring was split into two: Herring (*L. argentatus*) and Yellow-legged (*L. cachinnans*). Then Herring Gull got split into Herring (*L. argentatus*) and American Herring (*L. smithsonianus*). At about the same time the Yellow-legged Gull was split asunder: Yellow-legged (*L. michahellis),* Armenian *(L. armenicus)*, Caspian (*L. cachinanns*) – including a “distinct” subset not split called “Steppe Gull” (*L. c.* “*barabensis*”) and Vega (*L. vegae*). For good measure the Lesser-Black-backed Gull was split into Lesser Black-backed (*L. fuscus*) and Heuglin’s (*L. heuglini*). Clements’ taxonomy at one point accepted all these splits except Vega and Steppe types. Currently Clements’ now has lumped back American Herring with Herring Gull and Heuglin’s with Lesser Black-backed, but still separates Yellow-legged, Caspian and Armenian. We saw a single Heuglin’s type of Lesser Black-backed Gull and both the Caspian and Steppe (*barabensis*) type of Caspian Gulls.

**“Grey” Shrike Taxonomy:** What birders in North America call Northern Gray Shrike (*Lanius excubitor)* is elsewhere called Great Grey Shrike. It occurs in similar latitudes across N. America and Eurasia. In recent years most taxonomists including Clements has split part of the Old World Great Grey Shrike into a full species – Southern Grey Shrike *(L. meridionalis).* This latter species has a distribution at lower latitudes than Great Grey - in Iberia, N. Africa, Middle East, N. India/Pakistan and Central Asia and includes 11 races! Most importantly it includes *L. pallidirostris* of Central Asia with a distinct pale bill. This is how Clements currently treats them, and apparently there are no “Great Grey/Northern Shrikes breeding in the areas we visited. However, other taxonomists have separated the races of Southern Grey Shrike into 3 species: “Iberian Shrike” (*L. meridionalis*) occurring in Iberia and N. Africa; “Steppe Grey Shrike” *(L. pallidirostris)* in Central Asia where we were and other races further into eastern parts of Asia as “Desert Grey Shrike”.

Although what we must have been seeing is the *pallidirostris* race of this group – currently just “Southern Grey” according to Clements, some birds didn’t appear to have the pale bills that are distinctive of this race!

**“Rufous-tailed” Shrike Taxonomy:** Rufous-tailed Shrike (*Lanius isabellinus*) is also known as Isabelline Shrike in some taxonomies. The race we were seeing is *L. i. phoenicuroides* which is sometimes split out as “Turkestan Shrike” – but not yet by Clements.

**The Lesser Whitethroat complex:** Previously just one species (*Sylvia curruca*), this has now been split into three: Lesser (as above), Hume’s Whitethroat (*S. althaea*) and Small (or Desert) Whitethroat (*S. minula).* They are not easy to separate – even in the hand, and to further confuse the issue, some more distinctive types such as the *halimodendron* race of Lesser Whitethroat are left within that species, even though they have a distinctly different song. This may yet be split into “Steppe Whitethroat“ !

**Goldfinch races:** The race of European Goldfinch seen in the Tien Shan Mts was very distinctive with no black border on the face and paler back colour. The race we saw was *C.c. caniceps* already split by some taxonomists to full species status.

**White Wagtail races:** We saw the very distinctive “Masked” Wagtail *M. a. personata* with its dark head and pale mask. Already split by some taxonomists to full species status.

**Yellow Wagtail races:** We saw several distinctively different races, some Grey/Blue-headed types including “Sykes” Wagtail – *M. f. beema*, but also the Black-headed *M. f. feldeggi* race.

**Stonechats:** The Common Stonechat was split 3-ways a few years back into Common, African and Siberian. Then they were lumped back together again by Clements! The birds we saw were “Siberian” (*Saxicola torquata maura*) – so keep an eye out in case they are split again!

**Carrion Crow:** Some taxonomists split the subspecies we saw (*Corvus c. orientalis*) into a full species – “Oriental Crow” (*C. orientalis*).

**Common Chiffchaff:** Some taxonomists split the distinctive pale brownish subspecies we saw (*Phylloscopus collybita tristis*) into a full species – “Siberian Chiffchaff” (P*.tristis).*

**Eurasian Reed-Warbler:** Some taxonomists split the subspecies we saw (*Acrocephalus s. fuscus*) into a full species – “Caspian Reed-Warbler” (*A. fuscus).*

**Clamorous Reed-Warbler:** Some taxonomists split the subspecies we saw (*Acrocephalus s.brunnescens*) into a full species – “Indian Reed-Warbler” (*A. brunnescens).*

**Tits:** Some taxonomists still include Turkestan Tit (Parus bokharensis) as a race of Great Tit (P. major) and Yellow-breasted Tit (*Cyanistes flavipectus*) as a race of Azure Tit (*C. cynaus*).

**Common Starling races:** There are various races across this species’ range. Those in parts of our journey were less spotted than the Western European races and probably relate to *Sturnus vulgaris poltaratskyi* and *S. v. porphyronotus.* I don’t suppose they will be split any time soon!

**House Sparrow races:** The races we were supposed to be looking out for were *P. d. indicus & bactrianus* “Indian” House Sparrow, seen at the Pale Sand Martin colony. The only distinguishing features are slightly smaller size, brighter black bill and whiter cheeks and underparts.

**Common Nightingale:** The subspecies we saw was the distinctive grey race *L. m. hafizi.*

**Horned Lark:** The subspecies we saw was the distinctive race *Eromophila. alpestris brandti* with its off-white, not pale yellow underparts.

**“Recent” Clements splits:**

* **Winter Wren** is now split 3-ways, with the Old World birds being Eurasian Wren, (*Troglodytes troglodytes).* The other two are both in N. America.
* **Common Moorhen** is now split 2-ways; the New World forms being Common Gallinule (*Gallinula galeata*) and the Old World forms all Common Moorhen (*G. chloropus).*
* **Snowy Plover** is now split 2-ways; the New World forms being Snowy Plover (Charadrius *nivosus*) and the Old World forms all Kentish Plover (*C. alexandrinus).*
* **Orphean Warbler** is split into Western and Eastern species.
* **Olivaceous Warbler** is split into Western and Eastern species.
* **Hume’s Warbler** *(Phylloscopus humei)* is a split from Yellow-browed Warbler (*P. inornatus*)
* **Syke’s Warbler** (*Hippolais rama*) is a split from Booted Warbler (*H. caligata*)
* **Pale Sand Martin** (*Riparia diluta*) is a split from Bank Swallow (Sand Martin) (*R. riparia*)
* **Imperial Eagle** ( *Aquila heliaca*) is now split from the Iberian subspecies, which has full status as Spanish Eagle *(A. adalberti*).
* **McQueen’s Bustard** *(Chlamydotis macqueenii)* is a split from the Houbara Bustard (*C. undulata*) which has a more westerly distribution.
* **Indian Golden Oriole** (*Oriolus kundoo)* is a very recent split from Eurasian Golden Oriole *(O. oriolus*). The birds we saw in Uzbekistan on 1st & 2nd June were this “new” species.
* **Hume’s Lark** *(Calandrella acutirostris)* is a split from Greater Short-toed Lark (*C. brachydactyla*).

**Other Miscellaneous Notes:**

* **Mute Swan** and **Ring-necked Pheasant** are both native in Central Asia – so those we saw may well have been your first genuinely, naturally occurring, wild, non-feral, non-introduced birds of those species!
* **McQueen’s Bustards:** Wealthy Arab falconers have moved into Central Asia, and are probably causing the rapid decline in numbers of all bustards including the McQueen’s that we saw. At the current rate of decline, the prediction is that soon there will none left! In both Uzbekistan and Kazakhstan, Arab-sponsored “scientists” collect eggs of wild birds, which are brooded and reared in captivity and the resulting semi-wild birds released just in time for the falconers to hunt. (They are doing similar “programs” labeled “conservation” in Morocco). This species is treated as VULNERABLE by BirdLife International.
* **Sociable Lapwing:** This species is treated as CRITICALLY ENDANGERED by BirdLife International. The total population stands at about 11,200 birds and most of these breed in Kazakhstan, with just a handful in nearby Russia. Sudan is the main wintering ground, but several hundred birds have been discovered to migrate to northwest India.
* **Turkestan (Pander’s) Ground Jay** is endemic to the deserts of Turkmenistan, Uzbekistan and there is a small isolated population to the southeast of Lake Balkash in southern Kazakhstan. The four species of ground jay (genera Podoces) are all enigmatic corvid species of remote, hard to reach places: All were named after people associated with them, but Clement’s has changed common names to reflect where they occur: Henderson’s is now Mongolian Ground-Jay; Biddulph’s is now Xinjiang Ground-Jay; Pleske’s is now Iranian Ground-Jay. There is also what used to be Hume’s Ground-Jay in a separate genus (*Pseudopodoces*), but it was then called Hume’s Ground-pecker, but has recently been completely taken out of the Corvidae and placed in with the Tits and Chickadees as Ground Tit!

For those of you wanting to check the very latest in Clements taxonomy, or if you want an easy / free way to work out your world list go to the Cornell website and download a full spreadsheet with every species with details of every subspecies, distribution etc: <http://www.birds.cornell.edu/clementschecklist/downloadable-clements-checklist> . If you want to see alternative world checklists then here is another from the IOC: <http://www.worldbirdnames.org/index.html>