

18<sup>th</sup> arrive Ulaanbaatar, travel to Hustai National Park

19<sup>th</sup> Hustai National Park, Lun Lake, travel to Pallas's Cat Camp

20<sup>th</sup> Pallas's Cat Camp area

21st transfer to Khovd

22<sup>nd</sup> birding near Khovd, transfer to Jargalant

23<sup>rd</sup> Jargalant area

24<sup>th</sup> Jargalant area

25<sup>th</sup> Altan Teel & Tugrug River

26<sup>th</sup> Bumbag mountain

27<sup>th</sup> Khar Us Lake

28th Khar Us Lake, birding near Khovd, evening flight back to Ulaanbaatar

29<sup>th</sup> Ulaanbaatar

30<sup>th</sup> depart



Philip Precey and Laurie Jackson Bino Dashnyam and Yumchin Batkhuu Wildlife Travel www.facebook.com/soaringexpeditions

Front: Saker Falcon, Jargalant. Above: Pallas's Cat Camp

A gallery of photos and videos from the trip is at www.flickr.com/photos/wildlifetravel/albums/72177720301798780

#### **HUSTAI NATIONAL PARK**

With an early morning arrival in Ulan Baatar, we met up with Yumchin (our guide) and Todra (our driver), skirted the city and headed west, across a landscape of rolling hills covered in open pasture grassland, to Hustai National Park. This reserve is famous as the site of the first reintroduction of Przewalski's Horse after its extinction in the wild in the 1960s, and before our first day was out we had already found two different herds of the horses, along with a lone old stallion in a river valley.

Tarbagan Marmots were abundant in the same grasslands, alongside the smaller Long-tailed Ground Squirrel.

Along the wires, we found a mixed group of falcons, migratory Amur Falcons together with Common Kestrel and at least one Lesser Kestrel, all gathered together to feast on the grasshoppers that were present in large numbers: one large grasshopper was particularly obvious as it flew slowly back and forth above the grassland, making a rattling buzz not unlike a cicada as it did so, flashing red wings. Also enjoying the grasshopper feast was a Corsac Fox, an elegant little animal and the first of many.

Our first night drive was almost called off, as rain clouds gathered and broke over our camp. Thankfully, we went out regardless: nothing ventured, nothing gained!

After that first Corsac Fox, we found at least ten more during the evening, hyperactive little creatures who were drawn like a magnet to a little 'squeaking'. Other new sightings included three Siberian Jerboas, a Tolai Haire and a small herd of Mongolian Gazelles picked up in the heat imager, plus a couple of lovely Mongolian Toads, out enjoying the rain.

And then the torches picked up the green eyeshine of a predator, close at hand... and there in the torch light was the animal we most wanted and least expected to see: a Pallas's Cat! This, the fluffiest of felids is 'blessed' with a particularly grumpy face, one which seemed entirely fitting in the damp conditions as the soggy moggy frowned at us, made a half-hearted attempt at carrying on with his evening hunt, and then slunk off into the bushes... only day one, and already a wildlife encounter that felt hard to beat.

Next morning, and we were out early, to catch up with those Mongolian Gazelles again, a herd of more than 600 animals, out grazing on the plains towards the river. While we watched the gazelles, and the Mongolian Larks that were singing overhead, Yumchin was scanning the hillsides behind us... and then uttered the single word 'Wolf'.

Amazingly, tucked away in a patch of dense weeds up on the hillside was the top of a dark grey head, with two ears... a head that was lifted, as the owner eyed us. And then he stood up, an adult Grey Wolf, who stretched, gave us a long hard stare, loped away up the slope through the rocks and was gone.

Less than 24 hours in the country, and we had already had amazing views of three of Mongolia's most exciting mammals. What next??









**Photos** (clockwise, from top left): Przewalski's Horse, Mongolian Gazelle, Pallas's Cat, Corsac Fox, all in Hustai NP

While the car received some much-needed attention, we wandered up a dry stream bed, finding Dusky Warbler, Taiga Flycatcher and Daurian Redstart along the way, before Yumchin spotted our main quarry here: a pair of Daurian Partridges.

With the car happy again, we left Hustai and headed to the wetlands at Lun, a large shallow lake with surrounding wet grassland and reedbeds. The main attraction here was a pair of White-naped Cranes, perhaps the world's most elegant crane species, strutting about on the marshy grassland. The smaller lake was home to plenty of ducks, with 40+ Ruddy Shelduck the most obvious, a party of 15 Eurasian Spoonbills were resting in the shallows, and the muddy edges attracted plenty of waders: in one small area, we flushed two Pintail Snipe and found four species of stint feeding alongside each other: a couple of Little Stints, a Temminck's Stint, one adult Red-necked Stint and two fresh juvenile Long-toed Stints. A calling 'skein' of 27 Demoiselle Cranes circled overhead, and at the far side of the lake a swirling flock of 150 Pacific Golden Plovers flew about, having been disturbed by local farmers. Definitely a site worth more than the cursory visit we were able to make...

## PALLAS'S CAT CAMP

From Lun we travelled east, again skirting the big city of 'UB', to a remote area of hills, where we stayed at the superbly named, if rather basically kitted-out Pallas's Cat Camp for two nights.

What the camp may have lacked in creature comforts was more than made up for by the setting, and the time we spent in these enormous wide open spaces gave us some very memorable wildlife encounters. We had great (if fairly distant) views of two herds of Gobi Argali, the shy, big-horned mountain sheep, alongside Altai Wapiti (the local equivalent of Red Deer). Flocks of Small Snow Finch and Steppe Horned Lark fed on the steppe, with smaller numbers of Blyth's Pipit and Mongolian Lark, and a family group of Pallas's Reed Bunting not far from the camp. Overhead, Cinereous Vulture and Golden Eagle were common, with one or two Steppe Eagles, and a close-up encounter with an enormous Eurasian Eagle Owl, flushed from its roost as we were botanising in a dry stream bed.

We took another night drive, with yet more inquisitive Corsac Foxes, plenty of Tolai Hares, a Red Fox and another pair of glowing green cat eyes, although this time much further away, and the owner stayed well out of torch-beam reach, walking up the hill and over the ridge.

Heading back to UB after our time in the hills, we passed a big flock of Rooks (here the eastern subspecies, with very little white around the face), which contained 10 or more Daurian Jackdaws, a jaunty black and white little crow.

From Ulaanbaatar, we took a two-hour flight west, crossing a time zone along the way, to Khovd, the 4<sup>th</sup> largest city in Mongolia and the gateway to the Altai...

### MONGOLIAN ALTAI: KHOVD, JARGALANT AND ALTAN TEEL

After a night in Khovd, we headed off into the arid Altai Mountains, starting off just west of the city, where we searched (unsuccessfully) for Koslov's Accentor but found our first Mongolian Ground Jay and Brown Accentor, along with hyper-abundant Pallas's Pika and Midday Jirds. A couple of migrating Black Storks looked a little out of place in this semi-desert setting.

From Khovd, we took the long, bumpy drive south past Khar-Us Lake and across the flat plains of Altan Teel, where Desert Wheatear became a common roadside bird and we found our first domestic Bactrian Camels, towards the southern end of the imposing Jargalant massif.

Birding a couple of springs in the foothills, heavily grazed by livestock but with water flowing through the green tussocks, we found family groups of Mongolian Finch and Grey-necked Bunting, alongside Asian Water Pipit, Richard's Pipit and a couple of migrating Red-tailed Shrikes.

Our first night at 'Snow Leopard Camp' revealed both Siberian and Gobi Jerboas, bounding around in the dark, along with plenty of Midday Jird and Pallas's Pika, with individuals of both seemingly at home in our ger!

Rain overnight had left the mountaintops covered in snow, making conditions difficult up at altitude, so we stuck to the lowlands for our first morning, visiting a birch woodland and several springs, which were 'dripping' in migrants: tens of Spotted Flycatchers, Lesser Whitethroats and Yellow-browed Warblers, along with smaller numbers of Hume's and Greenish Warblers, Tree Pipits, a female Black Redstart, at least three Siberian Stonechats, a Common Cuckoo, a couple of Daurian Shrikes, Citrine Wagtail, a little Temminck's Stint and a flushed Pintail Snipe.

With much of the snow having melted already, we spent the afternoon up on the mountain, where we met the local trackers who spend their days up here, searching for the 'grey ghosts'. No luck this first afternoon, although we did find a handsome male Siberian Ibex, several big flashy Güldenstädt's Redstarts and a pair of Lammergeier.

Better luck came the next day, when we spent nine hours in the company of a trio of Snow Leopards: a mother with two full-grown cubs, who spent much of the day dozing on a grassy shelf on the rocky hillside on the far side of the valley. Every now and again one of the 'cubs' would get up for a wander around, with their massively long, fluffy tails immediately obvious.

With the main target for our trip successfully 'under the belt', we were able to spend the rest of our time exploring more of the sandy 'flats' of Altan Teel, where we found Pallas's Sandgrouse, Asian Desert Warbler, Black-tailed Gazelle and the superbly strange Mongolian Saiga: this strange antelope has a reputation for fleeing at the first sight of people, so it was good to find a confiding couple of males as our first sighting. A night drive in the same area added Long-eared Hedgehog, Hairy-footed Jerboa and Mongolian Jerboa to our ever-growing mammal list.

Mongolia 2022: recce trip report and species lists





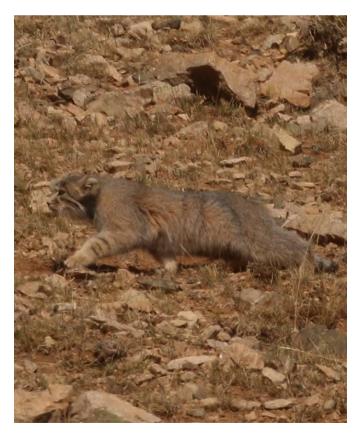


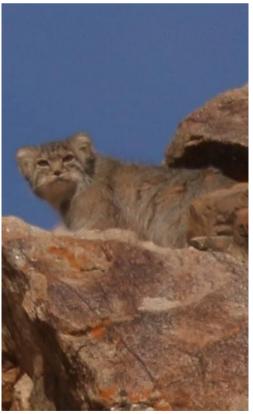
**Photos** Snow Leopards on Jargalant mountain

We spent some time at a bird ringing 'camp' in the green surroundings of the Tugrug River, where a team of young local ornithologists were spending the migration period: during our short visit, they pulled an exciting variety of small birds from the mist nets: a neck-twisting Wryneck was perhaps the highlight, along with Bluethroat, Dusky and Paddyfield Warbler, a Siberian Chiffchaff, Siberian Stonechat and at least five Daurian Shrikes: any of which would have made for a great day's birding back home.

We checked several small poplar/Sea Buckthorn plantations scattered out across the plains, where permanent sources of water enabled small-scale agriculture to gain a hold. These migrant traps all seemed to support a handful of Lesser Whitethroat, Spotted Flycatcher and Daurian Shrike, along with single Dusky Warbler, Two-barred Warbler, Common Rosefinch, Common Whitethroat and Paddyfield Warbler, and a group of at least six Ortolan Buntings.

On our final day in the mountains, we headed out to explore some nearby valleys, and had an amazing encounter with a Pallas's Cat hunting right out in the middle of the steppe, by the 'track'. He crouched down, staring back at us, before deciding that the best course of action was to make his way at pace up a rocky slope and along the ridge, where he stopped to look back over his shoulder at us. Another breath-taking experience, this time quite literally, as Bino spent a while catching his breath back after his attempt to follow the cat up to the ridge.





Photos Pallas's Cat on the fabulously-named Bumbag mountain

#### KHAR-US LAKE & KHOVD

We spent our last couple of days in the west of the country birding the shores of the enormous Khar-Us Lake, where huge flocks of wildfowl and south-bound waders kept us entertained. Standout highlights included hundreds of White-headed Duck and thousands of Red-crested Pochard, several family groups of Swan Goose and a handful of Bar-headed Goose amongst the Greylags, spinning Red-necked Phalaropes, Terek Sandpipers and Greater Sand-Plovers, and two notably out-of-range individuals: a Bar-tailed Godwit and a Grey-headed Lapwing. And it wasn't just the birds: new mammals for our list included a couple of bats (Gobi Serotine and Steppe Whiskered Bat) hawking amongst the clouds of midges on the lake shore at night, a brief (introduced) Muskrat and the unexpected sight of a Siberian Weasel, dancing and skittering about on the shore, like an orange-coloured mink, apparently trying to distract and catch (unsuccessfully) a young Moorhen.

A delayed flight back to UB gave us time to check one last dry gorge, where we found a trio of Asian Desert Warblers, one last Mongolian Ground Jay and a lost-looking Goldcrest, a long, long way from the nearest conifer forests; and to visit an area of small agricultural plots and poplar/Sea Buckthorn plantations on the outskirts of Khovd, where at least 35 Ortolan Buntings, a couple of Common Rosefinches and a single Booted Warbler were picked up, alongside the now-familiar mix of Lesser Whitethroat, Spotted Flycatcher, Yellow-browed and Hume's Warblers.

### **ULAANBAATAR**

Our Mongolian trip ended with a day on the outskirts of UB: we explored the area in and around the grounds of the hotel, on the banks of the braided Tuul River, and followed the river along to an area of gravel pits known as 'Swan Lake', albeit not home to any swans on this occasion...

Mongolia is the country that keeps on giving, and during this 'quiet' last day we enjoyed several post-breeding flocks of Azure Tits, a family party of Long-tailed Rosefinches, a couple of 'real' Mandarin Ducks flying up off the river and at least three more Daurian Jackdaws flying over with Rooks, while at the gravel pits we found an adult White-tailed Eagle, a Black Stork and a young Taiga Bean Goose hiding out on an island.

The last new bird of the trip was a loose group of Azure-winged Magpies who came through the hotel grounds as we were waiting for our early morning transfer back to the airport next day.

Philip Precey, Wildlife Travel. September 2022









**Photos** (clockwise, from top left): *Gentiana decumbens* (Gentianaceae); Mongolian Saiga; Daurian Shrike; Dryad









**Photos** (clockwise, from top left): Mongolian (=Henderson's) Ground Jay, Güldenstädt's Redstart, Azure Tit, Pallas's Sandgrouse

Anatidae			£	£	ج.	tt.	рL	ą	ج.	ج.	£	£	£	ج.
Bar-headed Goose	ENGLISH NAME	SCIENTIFIC NAME	18 <sup>th</sup>	$19^{th}$	20 <sup>th</sup>	21 <sup>st</sup>	22 <sup>nd</sup>	23 <sup>rd</sup>	24 <sup>th</sup>	25 <sup>th</sup>	26 <sup>th</sup>	27 <sup>th</sup>	28 <sup>th</sup>	29 <sup>th</sup>
Greylag Goose	Anatidae													
Taiga Bean Goose	Bar-headed Goose	Anser indicus										Χ		
Swan Goose         Anser cygnoides         Image: Cygnus cygnus of the cygnus cygnus cygnus of the cygnus cygnus of the cygnus cygnus of the cygnus cygnus cygnus cygnus cygnus of the cygnus cy	Greylag Goose	Anser anser										Χ	Χ	
Whooper Swan   Cygnus cygnus   X	Taiga Bean Goose	Anser fabalis middendorffi												Χ
Ruddy Shelduck	Swan Goose	Anser cygnoides										Χ	Χ	
Common Shelduck	Whooper Swan	Cygnus cygnus		Χ								Χ	Χ	
Mandarin         Aix sponsa         X	Ruddy Shelduck	Tadorna ferruginea		Χ								Χ	Χ	
Mailard	Common Shelduck	Tadorna tadorna		Χ								Χ		
Eastern Spot-billed Duck Anas zonorhyncha Eurasian Teal Anas crecca X X X X X X X X X X X X X X X X X X	Mandarin	Aix sponsa												Χ
Eurasian Teal	Mallard	Anas platyrhynchos		Χ							Χ	Χ	Χ	Χ
Garganey   Spatula querquedula	Eastern Spot-billed Duck	Anas zonorhyncha										Χ		
Gadwall Mareca strepera X X X X X X X X X X X X X X X X X X X	Eurasian Teal	Anas crecca		Χ								Χ	Χ	Χ
Eurasian Wigeon Mareca penelope X X X X X X X X X X X X X X X X X X X	Garganey	Spatula querquedula										Χ	Χ	
Northern Pintail Anas acuta X X X X X X X X X X X X X X X X X X X	Gadwall	Mareca strepera		Χ								Χ		Χ
Northern Shoveler  Red-crested Pochard  Netta rufina  Netta rufina  Netta rufina  Northern Pochard  Aythya farina  Ferruginous Duck  Aythya fuligula  Northered Duck  Northered Duck  Aythya fuligula  Northered Duck  Northered D	Eurasian Wigeon	Mareca penelope										Χ	Χ	
Red-crested Pochard  Common Pochard  Aythya farina  Ferruginous Duck  Aythya nyroca  Tufted Duck  Aythya fuligula  X  White-headed Duck  Oxyura leucocephala  Phasianidae  Chukar  Daurian Partridge  Perdix dauurica  Japanese Quail  Coturnix japonica  Rieser Crested Grebe  Podiceps cristatus  Black-necked Grebe  Podiceps nigricollis  Slavonian Grebe  Podiceps auratus  Threskiornithidae  Eurasian Spoonbill  Platalea leucorodia  Black Stork  Ciconi anigra  Ardea alba  Great Egret  Ardea alba  Great Falco cherrug  Saker  Falco cherrug  Amur Falcon  Falco amurensis  Common Kestrel  Falco tinnunculus  IX  X  X  X  X  X  X  X  X  X  X  X  X	Northern Pintail	Anas acuta		Χ								Χ	Χ	Χ
Common Pochard Aythya farina	Northern Shoveler	Spatula clypeata										Χ	Χ	Χ
Ferruginous Duck Aythya nyroca	Red-crested Pochard	Netta rufina										Χ	Χ	
Tufted Duck Aythya fuligula X X X X X X X White-headed Duck Oxyura leucocephala X X X X X X X X X X X X X X X X X X	Common Pochard	Aythya farina										Χ	Χ	
White-headed Duck	Ferruginous Duck	Aythya nyroca										Χ	Χ	
Chukar Alectoris chukar X X X X X X X X X X X X X X X X X X X	Tufted Duck	Aythya fuligula		Χ								Χ	Χ	Χ
Chukar Alectoris chukar  Daurian Partridge Perdix dauurica X X X	White-headed Duck	Oxyura leucocephala										Χ	Χ	
Daurian Partridge	Phasianidae													
Japanese Quail  Podicipedidae  Great Crested Grebe  Podiceps cristatus  Black-necked Grebe  Podiceps nigricollis  Slavonian Grebe  Podiceps auratus  Threskiornithidae  Eurasian Spoonbill  Platalea leucorodia  K  Ciconiidae  Black Stork  Ciconia nigra  Ardeidae  Great Egret  Ardea alba  Great Egret  Ardea cinerea  Falco cherrug  Saker  Falco amurensis  Lesser Kestrel  Falco tinnunculus  Falco tinnunculus  Accipitridae	Chukar	Alectoris chukar						Χ						
Podicipedidae Great Crested Grebe	Daurian Partridge	Perdix dauurica	Χ	Χ										
Great Crested Grebe	·	Coturnix japonica				Χ								
Black-necked Grebe	Podicipedidae													
Slavonian Grebe Podiceps auratus  Threskiornithidae Eurasian Spoonbill Platalea leucorodia X X X Ciconiidae Black Stork Ciconia nigra Black Stork Ciconia nigra X X X X  Ardeidae Great Egret Ardea alba Ardea cinerea X X X X X X  Falconidae Saker Falco cherrug 2 X X X X X X X  Amur Falcon Falco amurensis 20 4 X X X X X X X X X Accipitridae	Great Crested Grebe	Podiceps cristatus										Χ	Χ	Χ
Threskiornithidae  Eurasian Spoonbill Platalea leucorodia X X X X X  Ciconiidae  Black Stork Ciconia nigra 2 2 1 1  Ardeidae  Great Egret Ardea alba X X X X X X X X X X X X X X X X X X X	Black-necked Grebe	Podiceps nigricollis										Χ		
Eurasian Spoonbill Platalea leucorodia X X X X X X X X X X X X X X X X X X X	Slavonian Grebe	Podiceps auratus										Χ		Χ
Ciconiidae         Black Stork         Ciconia nigra         2         1           Ardeidae         Great Egret         Ardea alba         X	Threskiornithidae													
Black Stork         Ciconia nigra         2         1           Ardeidae         3         3         4 <td< td=""><td>Eurasian Spoonbill</td><td>Platalea leucorodia</td><td></td><td>Χ</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Χ</td><td>Χ</td><td></td></td<>	Eurasian Spoonbill	Platalea leucorodia		Χ								Χ	Χ	
Ardeidae         Great Egret         Ardea alba         X<														
Great Egret         Ardea alba         X		Ciconia nigra					2							1
Grey Heron         Ardea cinerea         X	Ardeidae													
Falconidae         Saker       Falco cherrug       2       X       X       X       X       X       X         Amur Falcon       Falco amurensis       20       4       4       4       X         Lesser Kestrel       Falco naumanni       1       4       4       4       4       4         Common Kestrel       Falco tinnunculus       15       X<	Great Egret	Ardea alba								Χ		1		
Saker         Falco cherrug         2         X		Ardea cinerea		Χ						Χ		Χ	Χ	Χ
Amur Falcon       Falco amurensis       20 4       X         Lesser Kestrel       Falco naumanni       1       X <td></td>														
Lesser Kestrel     Falco naumanni     1     Image: Common Kestrel of the common Kestrel		Falco cherrug	2				Χ	Χ	Χ		Χ	Χ	Χ	
Common Kestrel Falco tinnunculus 15 X X X X X X A Accipitridae	Amur Falcon	Falco amurensis	20	4										Χ
Accipitridae													<u> </u>	
		Falco tinnunculus	15	Χ			Χ	Χ	Χ	Χ	Χ			
Black-eared Kite Milvus migrans lineatus   10   X   X   X   X   X   X   X   X   X														
	Black-eared Kite	Milvus migrans lineatus	10	Χ		Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ

ENGLISH NAME	SCIENTIFIC NAME	18th	19th	20 <sup>th</sup>	21st	22nd	23rd	24 <sup>th</sup>	25th	26 <sup>th</sup>	27 <sup>th</sup>	28 <sup>th</sup>	29 <sup>th</sup>
Western Marsh Harrier	Circus aeruginosus										Χ	Χ	
Eurasian Sparrowhawk	Accipiter nisus				Χ								
Upland Buzzard	Buteo hemilasius	6	Χ	Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ		
Booted Eagle	Hieraaetus pennatus		,,				2			,,		1	1
Steppe Eagle	Aquila nipalensis	1		1						3		2	
Golden Eagle	Aquila chrysaetos	4	Χ	X	Χ		Χ				Χ		
White-tailed Eagle	Haliaeetus albicilla												1
Lammergeier	Gypaetus barbatus	2					3	2		2			
Cinereous Vulture	Aegypius monachus	20	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	
Rallidae	37.												
Brown-cheeked Rail	Rallus indicus										Н		
Common Moorhen	Gallinula chloropus										Χ	Χ	
Eurasian Coot	Fulica atra		Χ								Χ	Χ	
Gruidae													
White-naped Crane	Antigone vipio		2										
Demoiselle Crane	Anthropoides virgo	6	31		7								
Charadriidae													
Pacific Golden Plover	Pluvialis fulva		Χ								Χ	Χ	
Little Ringed Plover	Charadrius dubius										Χ		
Ringed Plover	Charardius hiaticulus										Χ		
Kentish Plover	Charadrius alexandrinus										Χ	Χ	
Greater Sand Plover	Charadrius leschenaultii										Χ	Χ	
Grey-headed Lapwing	Vanellus cinereus										Χ		
Northern Lapwing	Vanellus vanellus		Χ								Χ	Χ	
Recurvirostridae													
Black-winged Stilt	Himantopus Himantopus										Χ	Χ	
Pied Avocet	Recurvirostra avosetta										Χ		
Scolopacidae													
Common Snipe	Gallinago gallinago		Χ								Χ	Χ	
Pin-tailed Snipe	Gallinago stenura	X					Χ		Χ		Χ		
Black-tailed Godwit	Limosa limosa										Χ	X	Χ
Bar-tailed Godwit	Limosa lapponica											X	
Eurasian Curlew	Numenius arquata		\ <u></u>			V				V	V	Χ	V
Green Sandpiper	Tringa ochropus	X	X			Χ				Χ	X	V	Χ
Wood Sandpiper	Tringa glareola	X	Χ								X	Χ	<b>V</b>
Common Greenshank	Tringa nebularia										X	<del>                                     </del>	Χ
Marsh Sandpiper Common Redshank	Tringa stagnatilis		Χ								X	Χ	
Spotted Redshank	Tringa tetanus Tringa erythropus		Х								X	^	
Common Sandpiper	Actitis hypoleucos		^								Χ	Х	
Terek Sandpiper	Xenus cinereus										Χ	^	
Red-necked Phalarope	Phalaropus lobatus										Λ	Χ	
Ruff	Calidris pugnax										Χ	X	
Little Stint	Calidris pugriux  Calidris minuta		Χ								Χ	^ X	
Red-necked Stint	Calidris ruficollis		Χ								Λ Χ	^	
Neu-Heckeu Juiit	Culiulis rujiculis			<u> </u>	<u> </u>	<u> </u>	1		<u> </u>	1	^	<u> </u>	

		ے	ے	ے	٠	р	ס	ے		ے	ے	ے	ے
ENGLISH NAME	SCIENTIFIC NAME	18 <sup>th</sup>	19 <sup>th</sup>	20 <sup>th</sup>	21 <sup>st</sup>	22nd	23 <sup>rd</sup>	24 <sup>th</sup>	25 <sup>th</sup>	26 <sup>th</sup>	27 <sup>th</sup>	28 <sup>th</sup>	29 <sup>th</sup>
Long-toed Stint	Calidris subminuta		Χ										
Temminck's Stint	Calidris temminckii		Χ				1				Χ	Χ	
Curlew Sandpiper	Calidris ferruginea		Χ								Χ	Χ	
Dunlin	Calidris alpina										Χ		
Turnstone	Arenaria interpres										Χ	Χ	
Pteroclidae													
Pallas's Sandgrouse	Syrrhaptes paradoxus								Χ		Χ	Χ	
Laridae				1	1	1							
Pallas's Gull	Ichthyaetus ichthyaetus										Χ	Χ	
Mongolian Gull	Larus mongolicus					Χ			Χ		Χ		Χ
Black-headed Gull	Chroicocephalus ridibundus										Χ	Χ	
Sternidae													
White-winged Tern	Chlidonias leucopterus										Χ	Х	<u> </u>
Caspian Tern	Hydroprogne caspia										Χ	Χ	
Common Tern	Sterna hirundo		Χ								Χ	Χ	
Little Tern	Sternula albifrons										Χ		
Columbidae													
Rock Dove	Columba livia	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ		Χ	Χ	Χ
Hill Pigeon	Columba rupestris				_		Χ						_
Eurasian Collared Dove	Streptopelia decaocto				2								5
Oriental Turtle Dove	Streptopelia orientalis	1											
Cuculidae							\ <u>/</u>		\ <u>/</u>				
Common Cuckoo	Cuclus canorus						Χ		Χ				
Strigidae					1								
Eurasian Eagle Owl	Bubo bubo			V	1	V							
Little Owl	Athene noctua			Χ		Χ							
Caprmulgidae	Caprimulaus aurangaus										Χ		
Eurasian Nightjar	Caprimulgus europaeus										۸		
Apodidae Common Swift	Anus anus					Χ		Χ	Χ	Χ		Χ	
Upupidae	Apus apus					۸		٨	۸	۸		۸	
Eurasian Hoopoe	<i>Upupa epops</i>	8	Χ	Χ	Χ	Χ	Χ		Χ		Χ	Χ	
Picidae	Орири єрорѕ	O	٨	Λ	Λ	Λ	Λ		Λ		Λ	^	
Eurasian Wryneck	Jynx torquilla						2		2				
Lesser Spotted Woodpecker	, , ,												Χ
Laniidae	Dryobates minor												Λ.
Brown Shrike	Lanius cristatus		Χ										
Isabelline Shrike	Lanius isabellinus		, ·				Χ		Х		Χ	Χ	
Turkestan Shrike	Lanius phoenicuroides					Χ					, ,	<u> </u>	
Steppe Grey Shrike	Lanius pallidirostris								Х				
Sturnidae	23aa paman ooti o								/ <b>`</b>				
Common Starling	Sturnus vulgaris								Χ		Χ	Χ	Χ
Corvidae									· `		· ·		
Azure-winged Magpie	Cyanopica cyanus												Χ
Eurasian Magpie	Pica pica	Х	Χ		Χ		Χ		Х	Χ	Χ		X
	a pica	<b>'</b> '\	l'`	1	l'`	1	l'`	<u> </u>	I'`	I''	l'`	I'`	

												Ī	
ENGLISH NAME	SCIENTIFIC NAME	18 <sup>th</sup>	19 <sup>th</sup>	20 <sup>th</sup>	$21^{st}$	22 <sup>nd</sup>	23rd	24 <sup>th</sup>	25 <sup>th</sup>	26 <sup>th</sup>	27 <sup>th</sup>	28 <sup>th</sup>	29 <sup>th</sup>
Henderson's Ground Jay	Podoces hendersoni					Χ					Χ	Χ	
Red-billed Chough	Pyrrhocorax pyrrhocorax	Χ	Χ	Χ	Χ	Χ	Χ	Χ					Χ
Daurian Jackdaw	Coloeus dauuricus				Χ								Χ
Rook	Corvus frugilegus pastinator				Χ								Χ
Eastern Carrion Crow	Corvus corone orientalis	Χ	Χ		Χ						Χ	Χ	Χ
Common Raven	Corvus corax	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Paridae													
Great Tit	Parus major												Χ
Azure Tit	Cyanistes cyanus												Χ
Hirundinidae													
Eastern House Martin	Delichon urbicum lagopodum		Χ				Χ		Χ		Χ		
Sand Martin	Riparia riparia		Χ			Χ			Χ		Χ	Χ	
Pale Martin	Riparia diluta										Χ	Χ	
Crag Martin	Ptyonoprogne rupestris							Χ				<u> </u>	
Barn Swallow	Hirundo rustica	Χ	Χ		Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Alaudidae													
Mongolian Short-toed Lark	Calandrella dukhunensis			Χ									
	landrella brachydactyla longipennis	; 	1								Χ	<u> </u>	
Asian Short-toed Lark	Alaudala cheleensis		Х			Χ			Χ		Χ	Χ	<u> </u>
Eurasian Skylark	Alauda arvensis kiborti		Χ		Χ						Χ	<u> </u>	
Steppe Horned Lark	Eremophila alpestris brandti		ļ.,	X	X	Χ	Χ	Χ	Χ	Χ	Χ	Χ	
Mongolian Lark	Melancorypha mongolica	1	Χ	Χ	Χ								
Acrocephalidae												\	
Booted Warbler	Iduna caligata								.,		.,	Χ	
Paddyfield Warbler	Acrocephalus Agricola								Χ		Χ		
Phylloscopidae			V						V	V		\ <u>/</u>	V
Dusky Warbler	Phylloscopus fuscatus		Χ						X	Χ		Χ	Χ
Siberian Chiffchaff	Phylloscopus tristis		\ <u>'</u>	V			\ <u>'</u>		Χ	\ <u>'</u>			
Greenish Warbler	Phylloscopus trochiloides		Χ	Χ			Χ		V	Χ			
Two-barred Warbler Yellow-browed Warbler	Phylloscopus plumbeitarsus						Χ		X	V		Х	_
Hume's Leaf Warbler	Phylloscopus inornatus					-	Х		X	X		1	V
	Phylloscopus humei						۸		۸	Χ		۸	Χ
Regulidae Goldcrest	Regulus regulus											Χ	
Sylviidae	Negalus legalus											^	
Common Whitethroat	Curruca communis								Χ				
Lesser Whitethroat	Curruca curruca		Х				Χ		X	Χ		Χ	Χ
Asian Desert Warbler	Curruca nana		^				^		X			X	^
Panuridae	Carraca mana								^^			^	
Bearded Reedling	Panurus biarmicus										Χ	Χ	
Muscicapidae	r andras sidifficas										^	^	
Eastern Black Redstart	Phoenicurus ochruros					Χ		Χ		Χ		Χ	
Daurian Redstart	Phoenicurus auroreus		Х					^\				<u> </u>	
Guldenstadt's Redstart	Phoenicurus erythrogastrus						Χ	Χ		Χ			$\vdash$
Bluethroat	Luscinia svecica		-					^\	Χ		Χ		
J. detili odt	Eddeling dyceled	1	1	1	1		<u> </u>	1	I''		<u>'``</u>	Ь	

ENGLISH NAME	SCIENTIFIC NAME	18 <sup>th</sup>	19 <sup>th</sup>	20 <sup>th</sup>	21 <sup>st</sup>	22 <sup>nd</sup>	23rd	24 <sup>th</sup>	25 <sup>th</sup>	26 <sup>th</sup>	27 <sup>th</sup>	28 <sup>th</sup>	29 <sup>th</sup>
Siberian Stonechat	Saxicola maurus					Χ	Χ		Χ		Χ	Χ	
Common Rock Thrush	Monticola saxatilis						Χ	Χ					
Northern Wheatear	Oenanthe oenanthe	10	Χ			Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ
Pied Wheatear	Oenanthe pleschanka	2	Χ				Χ	Χ	Χ	Χ	Χ	Χ	Χ
Desert Wheatear	Oenanthe deserti					Χ			Χ	Χ	Χ	Χ	
Isabelline Wheatear	Oenanthe isabellina	4	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	
Taiga Flycatcher	Ficedula albicilla	1	Χ				Χ		Χ			Χ	Χ
Spotted Flycatcher	Muscicapa striata					Χ	Χ		Χ	Χ	Χ	Χ	Χ
Dark-sided Flycatcher	Muscicapa sibirica												Χ
Passeridae													
House Sparrow	Passer domesticus	Χ	Χ		Χ								
Tree Sparrow	Passer montanus	Χ	Χ		Χ		Χ		Χ		Χ	Χ	Χ
Rock Sparrow	Petronia petronia		Χ	Χ		Χ	Χ	Χ		Χ	Χ		
White-winged Snowfinch	Montifringilla nivalis						Χ	Χ		Χ			
Small Snowfinch	Pyrgilauda davidiana		Χ	Χ	Χ	Χ				Χ			
Prunellidae													
Brown Accentor	Prunella fulvescens					Χ		Χ		Χ		Χ	
Motacillidae													
Sykes' Wagtail	Motacilla flava beema						Χ				Χ	Χ	
Eastern Yellow Wagtail	Motacilla t. tschutscensis		Χ								Χ	Χ	
Citrine Wagtail	Motacilla citreola	1	Χ				Χ				Χ	Χ	
Grey Wagtail	Motacilla cinerea	3					Χ			Χ			Χ
Transbaikal White Wagtail	Motacilla alba baicalensis								Χ				
Masked White Wagtail	Motacilla alba personata				Χ				Χ		Χ	Χ	Χ
Richard's Pipit	Anthus richardi					Χ			Χ		Χ		
Blyth's Pipit	Anthus godlewskii		Χ	Χ	Χ		Χ						
Asian Water Pipit	Anthus spinoletta blakistoni					Χ	Χ	Χ		Χ	Χ		
Tree Pipit	Anthus trivialis						Χ		Χ	Χ	Χ	Χ	
Olive-backed Pipit	Anthus hodgsoni												Χ
Fringillidae													
Twite	Linaria flavirostris				Χ		Χ	Χ		Χ			
Mongolian Finch	Bucanetes mongolicus					Χ			Χ				
Common Rosefinch	Carpodacus erythrinus								Χ			Χ	Χ
Long-tailed Rosefinch	Carpodacus sibiricus												Χ
Emberizidae													
Common Reed Bunting	Emberiza schoeniclus										Χ	Χ	
Pallas's Reed Bunting	Emberiza pallasi			Χ								Χ	
Ortolan Bunting	Emberiza hortulana								Χ		Χ	Χ	
Grey-necked Bunting	Emberiza buchanani					Χ		Χ		Χ			





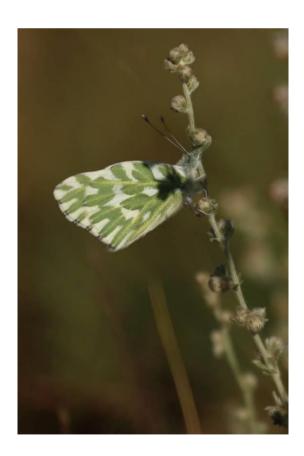




**Photos** (clockwise, from top left): Pallas's Pika, Tolai Hair, Midday Jird, Long-tailed Ground Squirrel









**Photos** (clockwise, from top left): Siberian Bumblebee *Bombus sibiricus; Aricia chinensis; Lycaena violacea;* Lesser Bath White *Pontia chloridice* 

											Т		П
ENGLISH NAME	SCIENTIFIC NAME	18 <sup>th</sup>	19 <sup>th</sup>	20 <sup>th</sup>	$21^{st}$	22 <sup>nd</sup>	23 <sup>rd</sup>	24 <sup>th</sup>	25 <sup>th</sup>	26 <sup>th</sup>	27 <sup>th</sup>	28 <sup>th</sup>	29 <sup>th</sup>
MAMMALS													
Ochotonidae													
Pallas's Pika	Ochotona pallasii					Χ	Χ	Χ	Χ	Χ	Χ	Χ	
Leporidae													
Tolai Hare	Lepus tolai	Χ	Χ	Χ		Χ	Χ	Χ	Χ	Χ	Χ	Χ	
Dipodidae													
Siberian Jerboa	Oreintallactaga sibirica	Χ		Χ		Χ							
Gobi Jerboa	Orientallactaga bullata					Χ	Χ		Χ				
Hairy-footed (=Northern Thr	ee-toed) Jerboa, Dipus sagitta								Χ				
Mongolian Jerboa	Stylodipus andrewsi								Χ				
Muridae													
Midday Jird	Meriones meridianus					Χ	Χ	Χ	Χ	Χ	Χ		
Mongolian Jird	Meriones unguiculatus		Χ		Χ					Χ	Χ	Χ	
Cricetidae													
Strelzov's Mountain Vole	Alticola strelzovi									Χ			
Gobi Altai Mountain Vole	Alticola barakshin					Χ				Χ			
Mongolian Mountain Vole	Alticola stoliczkanus			Χ									
Muskrat	Ondatra zibethicus										Χ		
Sciuridae													
Long-tailed Ground Squirrel	Urocitellus undulatus	Χ	Χ				Χ	Χ		Χ			
Pallid Ground Squirrel	Spermophilus pallidicauda		^			Χ	X	Х		X	Χ		
Daurian Ground Squirrel	Spermophilus dauricus			Χ		^	^			^			
Tarbagan Marmot	Marmota sibirica	Χ	Χ	^			Χ	Х			<del>                                     </del>		
Erinaceidae	Walliota Sibilica	Λ	Λ				Λ	Λ					
Long-eared Hedgehog	Hemiechinus auritus								Χ				
Vespertilionidae	Hennechinas adritas								Λ				
Gobi Serotine	Eptesicus gobiensis										Χ		
Steppe Whiskered Bat											X		
• •	Myotis davidii										٨		
Cervidae	Cervus canadensis sibiricus	V		V									
Altai Wapiti	cervus cunadensis sibiricus	Χ		Χ									
Bovidae	Saiga mangalisa								V				
Mongolian Saiga	Saiga mongolica								X			<del>                                     </del>	
•	a subgutturosa yarkandensis	V	V						Χ		X	<del>                                     </del>	
Mongolian Gazelle	Procapra gutturosa	Х	Χ				V				├	$\vdash$	
Siberian Ibex	Capra sibirica			V			Χ				<u> </u>	$\vdash$	
Gobi Argali	Ovis ammon darwini			Χ									
Equidae	5	V	V										
Przewalski's Horse	Equus przewalskii	Χ	Χ										
Felidae													
Snow Leopard	Panthera uncia		_					3	_		<u> </u>	$\sqcup$	
Pallas's Cat	Otocolobus manul	1		2						1			
Canidae													
Grey Wolf	Canis lupus		1								<u> </u>		
	Vulnas vulnas	1	I	Χ	ĺ	Χ	Χ	Χ	Χ	Χ	Χ		
Red Fox Corsac Fox	Vulpes vulpes Vulpes corsac	Х	Χ	X		^	^	^	^	Х		Χ	-

Mustelidae		
Siberian Weasel Mustela sibirica	Х	

AMPHIBIANS											
Mongolian Toad	Bufo raddei	Х	Χ	Χ							
Siberian Wood Frog	Rana amurensis		Χ								
REPTILES											
Tuva Toad-head Agama	Phrynocephalus kulagini								Χ		
BUTTERFLIES											
Brown Hairstreak	Thecla betulae	Ηu	stai	NP							
Large Grizzled Skipper	Pyrgus cf alveus	Ηu	stai	NP							
Lesser Bath White	Pontia chloridice	Ηu	stai	NP							
a copper	Lycaena violacea	Ηu	ıstai	NP	& Pa	llas's	s Cat	t Cai	mp		
Dryad	Minois dryas	Ηu	stai	NP							
a rock grayling	Hipparchia autonoe	Ηu	ıstai	NP							
Small Tortoiseshell	Aglais urticae										
Painted Lady	Vanessa cardui										
Red Admiral	Vanessa atalanta										
Nomion Apollo	Apollo cf nomion	Pa	llas's	s Ca	t Car	np					











**Photos** (clockwise, from top left): *Orostachys spinosa* (Crassulaceae); *Adenophora stenantha* (Campanulaceae); *Clematis tanguitca* (Ranunculaceae); *Nepeta lophanthus* (Lamiaceae)

SCIENTIFIC NAME	ENGLISH NAME	
PLANTS		
Amaranthaceae		
Salsola tragus	Prickly Russian Thistle	spiny Salsola, hill steppe
Apiaceae		
Bupleurum bicaule		Hustai
Apocynaceae		
Cynanchum thesioides		Milkweed, Hustai NP
Asteraceae		
Heteropappus sp		Purple-flowered daisy, steppe
Aster alpinus		Larger purple-flowered daisy, Hustai
Saussurrea cf amara	a saw-wort	'raggedy' thistle, steppe
Leontopodium ochroleucum		'edelweiss', hill steppe
Lactuca tatarica		Blue 'lettuce', nr Khovd
Amaryllidaceae		
Allium anisopodium		Small pink-flowered thrift-like allium. Hustai
Brassicaceae		
Descurainia sophia	Flixweed	Hustai
Campanulaceae		
Adenophora stenanthina		'erica flowered' harebell, Hustai
Campanula glomerata	Clustered Bellflower	Hustai
Caprifoliaceae		
Patrinia rupestris		Yellow-flowered valerian, Hustai
Scabiosa comosa		Large flowered scabious, Hustai. Mongolia's
		National Flower
Caryophyllaceae		
Dianthus chinensis	Chinese Pink	Large pink, Hustai
Silene jenisseensis		Stripey, inflated calyxes: hill steppe
Celastraceae		
Parnsassia palustris	Grass of Parnassus	Hustai
Convolvulaceae		
Convolvulus ammanii		Small white-flowered non-creeping bindweed
		Hustai
Crassulaceae		
Orostachys spinosa		'house leek' with tiny rosettes and tall creamy
, .		flower spike. Hustai
Orostachys malacophylla		flower spike. Hustai Similar, but with pinky flower spike. Hustai
Orostachys malacophylla		
	Sea Buckthorn	
Orostachys malacophylla Eleagnaceae	Sea Buckthorn	Similar, but with pinky flower spike.Hustai
Orostachys malacophylla Eleagnaceae Hippophae rhamnoides	Sea Buckthorn	Similar, but with pinky flower spike.Hustai
Orostachys malacophylla Eleagnaceae Hippophae rhamnoides Ephedraceae	Sea Buckthorn	Similar, but with pinky flower spike.Hustai  Grown for fruit crop
Orostachys malacophylla Eleagnaceae Hippophae rhamnoides Ephedraceae Ephedra przewalskii	Sea Buckthorn Sickle Medick	Similar, but with pinky flower spike.Hustai  Grown for fruit crop
Orostachys malacophylla Eleagnaceae Hippophae rhamnoides Ephedraceae Ephedra przewalskii Fabaceae		Similar, but with pinky flower spike.Hustai  Grown for fruit crop  Curly joint pine, near Khovd

SCIENTIFIC NAME	ENGLISH NAME	
Gentianaceae		
Gentiana decumbens		Tall gentian, Hustai
Lomatogonium sp		I am germany reason
Geraniaceae		
Geranium pratense	Meadow Crane's-bill	Hustai
Lamiaceae		
Phlomis tuberosa		Pink-flowered Phlomis, Hustai
Amethystea caerulea		Tiny blue flowers, dark stems, Hustai
Dracocephalum cf moldavicum	1	Hustai
Leonurus sibiricus	Siberian Motherwort	Hustai
Nepeta lophanthus		Hustai
Nepeta multifida		Pallas's Camp: dense dark flower spikes
Panzeria lanata		Fluffy, white flowers, in mountains
Scutellaria scordifolia		Pallas's Camp: deep blue, dry river beds
Thymus gobicus		Thyme, eg Hustai
Linaceae		, , ,
Linum sibiricum	Siberian Flax	Blue flax, Hustai
Orobanchaceae		
Odontites ruber	Red Bartsia	Steppe, eg nr UB
Plantaginaceae		
Linaria acutiloba		Yellow toadflax, eg Hustai
Papaveraceae		
Papaver nudicaule		Pale yellow poppy, nr UB
Plumbaginaceae		
Goniolimon speciosum		'sea lavender', Hustai
Polygonaceae		
Rheum rhabarbum	Wild Rhubarb	Steppe
Ranunculaceae		
Clematis tangutica		Yellow clematis, nr UB
Delphinium grandiflorum		Large blue-flowered Delphinium, nr UB
Halerpestes salsuginosa		Celandine-like buttercup in wet places
Ranunculus natans		Small-flowered prostrate buttercup in muddy
		wet places
Rosaceae		
Crataegus sanguinea		Hawthorn, Hustai
Potentilla cf viscosa		Tall cinquefoil eg Bumbag Mountain
Sanguisorba officinalis	Great Burnet	eg Hustai, UB area
Solanceae		
Hyoscyamus niger	Black Henbane	Hustai
Urticaceae		
		Dissected-leaved stinging nettle, Hustai
Urtica cannabina		Dissected leaved stillgillg flettle, Hustal
Urtica cannabina Zygophyllaceae		Dissected-leaved stillging flettie, Hustal