NE Tibet w/ OBC, 23 May – 11 June 2016

An at-a-glance list of 217 species of birds & 26 species of mammals.

By Jesper Hornskov ***this draft 18 Aug 2016*** ALL RIGHTS RESERVED®

<u>Please note that the following list is best considered a work in progress. It should not be quoted without consulting the author.</u>

Based mostly on my own field notes, this brief write-up covers the birds & mammals noted by P Clement, F & P Crome, M Heegaard, B & D Henderson, B McBride, A Petersen, R Rolfe & myself in NE Tibet, China's Qinghai province, during 20 days in the field.

It was the 10th Fundraiser to this unique part of the Oriental realm - a further three have targeted the very different Yunnan, China's most biodiverse province - and I would like to sincerely thank everyone for their spirited participation, and for in this way supporting and contributing to Oriental Bird Club's Conservation Fund.

Our trip aimed to see as many of the unique birds of the Tibetan highlands as we could, but searching for birds typically allows one to pay close attention to mammals as well, and it is hopefully of interest what we saw at a time of the year when few dedicated mammal-watchers visit this mysterious land. Despite the timing of our trip we saw relatively few migrants – some years are better than others in this respect, and we did not prioritize searching for migrants - but we did see many of the key specialities extremely well.

We recorded 217 spp of birds & no fewer than 26 spp of mammals, incl HIMALAYAN MARMOT *Marmota himalayana*, WOLF *Canis lupus*, the Pika-hunting TIBETAN FOX *Vulpes ferrilata*, TIBETAN WILD ASS *Equus kiang*, WHITE-LIPPED DEER *Przewalskium albirostris*, PRZEVALSKI'S GAZELLE *Procapra przewalskii* (world population c500!), WILD YAK *Bos grunniensis*, an unwary CHINESE SEROW *Capricornis milneedwardsii*, good numbers the emblematic TIBETAN ANTELOPE *Panthalops hodgsonii*, and plenty of rock-loving BLUE SHEEP *Pseudois nayaur*.

Add to that the unbeatable scenery, interesting plants (incl must-see, flowering Rhododendron), some nice butterflies, and an intriguing amalgam of local cultures. In fact no component of a good trip was missing - not even comfort (nearly all our overnights were in 'surprisingly good' hotels) or good food (our field breakfasts were tasty and would certainly have met with the enthusiastic approval of any passing nutritionist, and many dinners were rated 'excellent').

A few additional species of birds were noted @ Beijing before and after the main trip - nothing unusual but interesting nonetheless (during migration we've seen as many as 40+ spp in the grounds of our hotel in an hour and a half pre-breakfast, but this time flight schedules prevented most of us from achieving much here...).

Our photographers worked diligently, making the most of the often exquisite light – I hope their images will be made available on <u>www.orientalbirdimages.org</u> as soon as possible...

Anyone considering China as a natural history destination is welcome to contact the author at:

E-mail goodbirdmail(at)gmail.com MOBILE +45 24 78 38 28 / +86 139 1124 0659 Enquiries concerning future **Oriental Bird Club Fundraisers** - to NE Tibet, by and large following the itinerary used on the trip dealt with here, or Yunnan (our trips to China's in every way most diverse province have been very popular) - can be made to Chris Goodie of the OBC at mail(at)orientalbirdclub.org or directly to this author.

In the species list the concept "bird-days" is used - it is the avian equivalent of man-hours, the day totals added up – it indicates relative abundance but does not consider the "problem" of lingering birds or, far from unimportant in a non-scientific context such as a birding holiday abroad, how satisfying the encounters were. 25 bird-days for e.g. Spoon-billed Sandpiper could be one distant flock of migrating birds, gone in a flash, or one bird lingering for 25 days, offering the observers point-blank views anytime in that period...

The sequence of the bird list follows *The Howard and Moore Complete Checklist of the Birds* of the World – 3^{rd} Edition (Dickinson 2003), in my opinion by still the most useful one-volume checklist.

Initials in brackets after a few single-observer sightings does not imply that I have doubts as to the correctness of the ID.

Species list:

Severtzov's Grouse Tetrastes sewerzowi

A pair was seen well 'at the end of the trail' N of Xining on 24th.

Szechenyi's Monal Partridge Tetraophasis szechenyi

3+ near Nangqian on 31st – only those without a camera failed to obtain photos: this often hard-to-see species put on a fabulous performance for us!

Tibetan Snowcock *Tetraogallus tibetanus*

We 'recorded' several, but one 'scoped W of Koko Nor will be remembered: it stayed in view as we made our way up a pretty valley, throwing all its considerable bulk into producing the clucking-and-curlewy sounds which reached us only with delay...

Przevalski's Partridge Alectoris magna

Eight bird-days. Noted on two dates - main event three 'scoped on our last afternoon (phew!).

Tibetan Partridge Perdix hodgsoniae

11+ bird-days. Noted on three dates.

Blood Pheasant Ithaginis cruentus

11+ bird-days. Noted on two dates, with a pair 'scoped from up close on 1st.

White Eared Pheasant Crossoptilon crossoptilon

37+ bird-days. Noted on four dates near Nangqian - close encounters as well as prolonged 'scope views of more distant birds: TINGALING!

Blue Eared Pheasant Crossoptilon auritum

Seven bird-days. Noted on three dates N of Xining - two birds found within half an hour of starting to look N of Xining on 23rd: great views, so, 'EASY'!? Well, actually, you know, on some previous trips it has played out quite differently, confirming it is preferable to allow quite a bit of time – having had such good views everyone understood just how really bad it would have been to have missed this species!

Common Pheasant *Phasianus colchicus*

47 bird-days. Noted on six dates - a very different creature from the standard issue, introduced Ringnecks familiar from Europe & N America.

***Cheng (1987) listed a staggering 18 races for mainland China. Of these he listed just three for Qinghai: *vlangalii*, *strauchi* (for 'NE part') & *suehschanensis* as an accidental to Zekog in SE.

Greylag Goose Anser anser

c40 adults on both stops at Koko Nor, with c25 goslings having emerged by 10th.

Bar-headed Goose Anser indicus

c4,500 bird-days. Noted on six dates – main event a record c4,320 at a roadside wetland on 4^{th} .

Whooper Swan *Cygnus cygnus* Two at Koko Nor on 26th – no signs of ugly ducklings...

Common Shelduck Tadorna tadorna

Five at Koko Nor on 26th.

Ruddy Shelduck *Tadorna ferruginea* 303+ bird-days. Noted on 13 dates.

Gadwall Anas strepera Seven bird-days. Noted on thre dates.

Eurasian Wigeon Anas penelope

Seven – incl two smart drakes – on 4th.

Mallard Anas platyrhynchos

18 bird-days. Noted on three dates.

Chinese Spotbill Anas zonorhyncha Three at Koko Nor on 26th.

Northern Shoveler Anas clypeata Eight males on 26th.

Northern Pintail Anas acuta Six – incl a near-immaculate drake – at Koko Nor on 26th.

Common Teal *Anas crecca* Six bird-days. Noted on two dates.

Red-crested Pochard *Netta rufina* 57+ bird-days. Noted on three dates.

Common Pochard Aythya ferina

40 bird-days. Noted at Koko Nor on both 26+10th.

Ferruginous Duck *Aythya nyroca* 110 bird-days. Main event 105 at a roadside wetland on 4th.

Tufted Duck Aythya fuligula

140 at Koko Nor on 10th.

Goosander Mergus merganser

Ten bird-days. Noted on four dates - nice 'scope views of a female hauled out on a sand bar, clear water flowing by and Giant Laughingthrushes whistling away on the far bank!

Little Grebe *Tachybaptus ruficollis* Three at Koko Nor on 26th.

Great Crested Grebe *Podiceps cristatus* 195 bird-days. Noted on three dates – main event 125 at a roadside wetland on 4th.

Black-necked Grebe *Podiceps nigricollis* 59+ bird-days. Noted on three dates – main event 40+ at Koko Nor on 26th.

Black Stork Ciconia nigra One en route on 29th (RR, MH)

Black-crowned Night Heron Nycticorax nycticorax c15 bird-days. Noted on two dates.

Eastern Cattle Egret *Bubulcus coromandus* 47 bird-days. Noted on six dates.

Grey Heron Ardea cinerea

Four bird-days. Noted on two dates.

*****Great Egret** Ardea alba An egret seen en route near Golmud on 6th was probably this species.

Little Egret *Egretta garzetta* Five bird-days. Noted on two dates.

Great Cormorant *Phalacrocorax carbo* 12+ bird-days. Noted on two dates.

Common Kestrel Falco tinnunculus Singles were noted on six dates

Eurasian Hobby Falco subbuteo

Three bird-days. Noted on two dates – we all enjoyed 'scope views of a perched bird on 11th (before it took off and started showing off its flying skills!).

Saker Falco cherrug

22 bird-days. Noted on eight dates – superb views, incl of three nestlings, but there seems to be a fairly rapid decline in numbers despite Tibet being the species' stronghold: it's getting to the stage where not even a NE Tibet trip 'offers a chance to graduate to full Saker Expert status in three weeks!'...

Black Kite Milvus migrans

11 bird-days. Noted on seven dates.

Lammergeier Gypaetus barbatus

35+ bird-days. Noted on ten dates – some superb encounters! On 27th a minimum of five birds jump-started our Lammergeir-ing, with first a 2nd c-y directly overhead in good light, then an adult more distantly, then two adults doing synchronized flying, and finally a 3rd c-y; later on we saw one doing repeated bone drops, behavior aimed at smashing the bones down to an ingestible size: simply a species one doesn't tire of watching!

Himalayan Griffon Gyps himalayensis

280 bird-days. Noted on 17 dates.

Black Vulture Aegypius monachus

Singles on two dates – a 2nd c-y bird on 8th was best-ever views of the species for most of us...

Pallid / Montagu's Harrier Circus macrourus / C. pygargus

One female / 2nd c-y migr N of Xining in the afternoon of 24th.

***...pretty frustrating as either, as far as can be discovered, would have been a 1st for Qinghai! ***Interestingly, Zheng *et al.* (2011) listed Pallid Harrier for Hebei, Beijing, Tianjin, Inner Mongolia, Xinjiang, S Xizang, Sichuan, Chongqing, Jiangxi, Jiangsu, Guangxi & Hainan', and Montagu's Harrier for 'Shandong, Xinjiang, Fujian & Guangdong' – one can't help feeling that E & C China records of both species would benefit from verification.

Eurasian Sparrowhawk Accipiter nisus

Eight bird-days. Noted on seven dates.

Himalayan Buzzard Buteo burmanicus

8-9 bird-days. Noted on five dates - repeated encounters allowed us to get a feel for the jizz of this little known taxon.

***Formerly considered a race of Common Buzzard *B. buteo* but genetically closer to Upland Buzzard *B. hemilasius* (Rasmussen & Anderton 2005) from which it is ecologically separated & easily - well, fairly easily! - distinguished...

Upland Buzzard Buteo hemilasius

163 bird-days. Noted on ten dates - main event 49 along the remotest Roof of the World stretch of road.

Steppe Eagle Aquila nipalensis

Nine bird-days. Noted on two dates – brilliant light ensured that a gathering of eight $2^{nd}/3^{rd}$ c-y birds on 4^{th} was a joy to watch.

Eastern Imperial Eagle Aquila heliaca

A 2nd c-y bird seen directly overhead with Steppe Eagles on 4th.

***A rare bird, especially in summer...

Golden Eagle Aquila chrysaetos

20 bird-days. Noted on eight dates. Great to be in a part of the world where seeing this classy Holarctic species is just – normal!

Eurasian Water Rail Rallus aguaticus

Two heard at Koko Nor on 26th.

Common Moorhen Gallinula chloropus

Two at a roadside wetland on 4th.

Common Coot Fulica atra

120+ bird-days. Noted on three dates – main event c100 at Koko Nor on 26th.

Black-necked Crane Grus nigricollis

24 bird-days. Noted on five dates.

***Widespread overgrazing - of hills and wetlands alike - is bound to spell trouble for this emblematic species... Nonetheless it was heartening to see a pair on our very last day on the Plateau, 'by some margin the best of the trip' and thereby providing yet another TINGALING moment.

Ibisbill Ibidorhyncha struthersii

Seven bird-days. Noted on five dates – as we kept our distance a momentarily alarmed bird quickly settled down to resume incubating on the shingle bank of a little river... ***As anyone contemplating a quick twitch for this charismatic species had better bear in mind, Ibisbills seen in Tibet feeding on a flowered-over meadow next to a rushing, icy stream – with Red-billed Choughs cawing, Blue Hill Pigeons cooing, Elliot's Laughingthrushes cheerfully whistling & domestic yaks snorting thoughtfully in the background - are more REAL than the sad one or two which may still desperately attempt to cling on in competition with sickly-looking domestic ducks along the last stretch of barely acceptable water close to Beijing!

Black-winged Stilt Himantopus himantopus

12+ bird-days. Noted on two dates, with one seen sitting on its nest at Koko Nor on 26th.

Pacific Golden Plover Pluvialis fulva

Eight adults in full summer plumage at Koko Nor on 26th.

Kentish Plover Charadrius alexandrinus

Four at Koko Nor on 26th.

'Spot-fronted' Sand Plover Charadrius atrifrons^

32 bird-days. Noted on five dates.

***^formerly consider conspecific with Lesser Sand Plover Charadrius mongolus.

***ssp *atrifrons* has 'forehead and band through and below eye to ear coverts black, occasionally with some white mottling in front of eye; rufous-cinnamon of chest extends to flanks and breast, not bordered by black bar against white chin' while *mongolus* has forehead white, often divided by narrow black line in middle, bordered from cinnamon forecrown by narrow black line; black line runs from lores to ear coverts and white line from above eye to above earcoverts; narrow black bar between white chin and clear-cut cinnamon-rufous chest-band'. *schaeferi* 'often has some white on forehead; <u>intermediate between *atrifrons* and nominate</u> *mongolus*', '<u>often closest to *mongolus*': BWP vol III, p169.</u> Greater Sand Plover Charadrius leschenaultia

One 'scoped at Koko Nor on 26th.

Western Black-tailed Godwit Limosa limosa Nine at Koko Nor on 26th.

Spotted Redshank *Tringa erythropus*

Two adults in full summer plumage at Koko Nor on 26th.

Common Redshank Tringa totanus

235+ bird-days. Noted on nine dates – main event 150+ at the roadside wetland on 4th.

Wood Sandpiper *Tringa glareola* Three at Kpoko Nor on 26th.

Temminck's Stint *Calidris temminckii* Two at Koko Nor on 26th.

Curlew Sandpiper Calidris ferruginea One at Koko Nor on 26th.

Great Black-headed Gull Larus ichthyaetus

c88 bird-days. Noted on three dates – main event 31 at a small estuary on 28th: prolonged 'scope views of loafing and flying birds allowed us to brush up on the ID also of immatures, more 'Herring'-Gull-like than the also-present, fairly straight-forward adults in full summer plumage.

Brown-headed Gull Larus brunnicephalus

39 bird-days. Noted on four dates.

Common Black-headed Gull Larus ridibundus

A 2nd c-y at Koko Nor on 10th.

Common Tern Sterna hirundo

110+ bird-days. Noted on 12 dates.

Whiskered Tern Chlidonias hybrida

14 bird-days. Noted on three dates.

Tibetan Sandgrouse Syrrhaptes thibetana

3+ bird-days. Superb views of two dates!

***Two outstanding encounters with an endemic which is 'on the Hardiest Bird in the World shortlist along with Emperor Penguin' - prolonged views of a female as close as <50m in lovely light, *and* a fly-by: perfect early morning sunlight against distant snow peaks, calling away...

Nonetheless we all agreed that so spectacularly grand was the landscape that it would have been no loss at all to return the following morning, as we would definitely have done in the event no sandgrouse had obliged 1st time around!

Pallas's Sandgrouse Syrrhaptes paradoxus

Five birds W of Koko Nor on 9th – we spent the time needed to get great views.

***'Essentially a bird of the steppes of Central Asia east to Mongolia - its occasional irruptions, during which it may reach and breed in e g the British Isles, adds considerably to its charisma, making it a real Dreambird! Despite its nomadic inclinations it is usually reliable at our favoured site: this time we saw ones and twos in flight, but none 'feeding warily amongst the scattered, wind-burnt clumps of grass'.

Blue Hill Pigeon Columba rupestris

455+ bird-days. Noted on 18 dates – main event c250 @ newly ploughed fields along Koko Nor on 10th.

Snow Pigeon Columba leuconota

12 bird-days. Noted S of Yushu on three dates.

Oriental Turtle Dove Streptopelia orientalis

12 bird-days. Noted on just two dates: two ssp *meena* on 7th, and ten ssp *orientalis* on 11th. ***Despite *meena* being the expected ssp in the Qaidam basin (JH pers obs) Zheng *et al.* (2011) listed it for only 'W & N Xinjiang, and W Xizang'; ssp *orientalis* was listed for 'all [of China] except Xinjiang & Taiwan'.

Eurasian Collared Dove Streptopelia decaocto

52+ bird-days. Noted on eight dates.

Common Cuckoo Cuculus canorus

50 bird-days. Noted on 12 dates. At least two were the hepatic morph.

Himalayan Cuckoo Cuculus saturatus

One heard giving its diagnostic four note song N of Xining on both 24+25th.

***Himalayan vs Oriental: split following e g <u>www.xeno-canto.org</u> (Aug 2016), and IOC (Aug 2016: '[Oriental Cuckoo] *Cuculus optatus* is split from *C. saturatus* (King 2005, Payne 2005); BLI and AOU recognize. Assumes English name of Oriental Cuckoo. See also Xia *et al.* 2016'. ***IOC (2016) gives the range of *saturatus* as 'Himalayas to Taiwan', while Xeno-canto maps it into NC China (N Sichuan, Qingling Mts, Henan).

***Xeno-canto is yet to re-label in line with the new arrangement – I noticed a 2002 *optatus* recording from N Hebei still tagged *saturatus*...

***Zheng *et al.* (2011) accepts the split but lists neither for Qinghai, and it is not clear if both occur... A good working hypothesis would be that late spring / early summer birds in suitable breeding habitat are *saturatus* (as its song confirmed ours to be), while September birds away from breeding sites (three records: JH pers obs) are *optatus*.

Eurasian Eagle-Owl Bubo bubo

Singles on two dates.

White-throated Needletail Hirundapus caudacutus

One over a distant ridge N of Xining on 24th – a widespread species, but very rarely recorded in NE Tibet.

***Zheng *et al*. (2011) included Qinghai in the range of ssp *caudacutus*, and listed ssp *nudipes* for 'E Xizang, NW Yunnan & Sichuan'.

Common Swift Apus apus pekinensis

70+ bird-days. Noted on four dates – main event a modest 50+ at Koko Nor on 26th.

Salim Ali's Swift Apus salimali

c100 bird-days. Noted on seven dates.

***Leader (2011) concluded that the *Apus pacificus* complex should be treated as four species, at least three of which occur in China/Tibet.

***<u>Salim Ali's Swift</u> *Apus salimali* is 'restricted to E Tibetan Plateau and adjacent high-altitude W Sichuan' breeding at 'very high altitudes (above 3,400m)' – 'Fork-tailed Swifts' breeding near Xining, Qinghai, at c2,500m are also this form: JH *et al.* pers obs. 'Its winter distribution is apparently unknown but, at the very least, it must be an altitudinal migrant'.

The species is longer-tailed with a proportionately shallower tail fork, has different throat pattern ('narrow pale strip on the center of the throat and is narrowest at the base of the bill, where it tapers to a neat point', 'less than half the width of the other taxa'), 'the rump patch is consistently narrow', 'the crown and nape are mid-brown, contrasting conspicuously' with the glossy black mantle, and the pale tips to the underparts are much reduced compared to *pacificus* (more comparable to *leuconyx* in this character).

***Fork-tailed / Salim Ali's Swift Apus pacificus / A. salimali

Singles in two spots N of Er La on 27th.

***The occasional *pacificus* <u>does</u> occur: one seen well at Koko Nor on 3 July 2015 (JH *et al.* pers obs) should serve as a warning not to tick Salim Ali's Swift on range!

Hoopoe Upupa epops

18 bird-days. Noted on 11 dates.

Chinese Pied Woodpecker Dendrocopus cabanisi

Eight bird-days. Noted on three dates.

***Split from Great Spotted Woodpecker *D. major* following Perktas & Quintero (2013) ***It is worth noting that ssp *beicki* [of Ningxia, Gansu & E Qinghai: Zheng *et al.* (2005)] is not recognized as a taxon in HBW Illustrated Checklist Vol 1 (S. Lowe, pers com), being lumped into ssp *stresemanni* [of E Xizang, W & S Yunnan, N Guizhou & Sichuan: Zheng *et al.* (2011)]; the range of nominate *cabanisi* is SW Liaoning, Hebei, Shandong, Henan, Shanxi, N Anhui & N Jiangsu: Zheng *et al.* (2011)...

Three-toed Woodpecker Picoides tridactylus funebris

Three near Nangqian on 2nd – prolonged views through the 'scope...

***'<u>Taxonomy</u>: needs re-evaluation. Nearctic and Palearctic races recently split into two species, *P. dorsalis* and *P. tridactylus*, without discussion of status of the very distinct *funebris*': Rasmussen & Anderton (2005).

***In HBW Illustrated Checklist Vol 1 '*P. funebris* of eQinghai & wGansu to wSichuan & nYunnan is split from Three-toed Woodpecker, which by the way is relumped with the American forms...': S Lowe pers. com.

Black Woodpecker Dryocopus martius

Singles on three dates – most were heard-onlies.

Grey-headed Woodpecker Picus canus

Six bird-days. Noted on five dates.

Long-tailed Minivet Pericrocotus ethologus

5+ bird-days. Noted near Nangqian on two dates – four sitting out on 1st and heard again in the same place the next day.

Tiger Shrike Lanius tigrinus

One adult male near Er La pass on 27th – great 'scope views at close range. ***There are at least four previous records for Qinghai, all between 23 May and 17 June (JH *et al.* pers obs).

Isabelline Shrike Lanius isabellinus

23 bird-days. Noted on three dates.

Grey-backed Shrike Lanius tephronotus

55 bird-days. Noted on 12 dates.

Tibetan Grey Shrike Lanius (sphenocercus) giganteus

Two on 6th.

***IOC (2016) is finally lumbering towards accepting *giganteus* as a full species: 'Tibetan Grey (or Giant) Shrike *L. giganteus* may be split from Chinese Grey Shrike (Svensson et al. 2009, Olsson et al. 2010, Panov et al. 2011); await improved resolution of this complex'

Black Drongo Dicrurus macrocercus

Five bird-days [AP]: four N of Xining on 25th & one on 10th – depending on how the weather has played out, late May and early June can be a good time to see this long-distance migrant on the Plateau.

***Zheng *et al.* (2011) did NOT include the species for Qinghai, listing ssp *cathoecus* for 'all [of China] except Xinjiang, Qinghai & Taiwan'.

Eurasian Jay Garrulus glandarius

Eight bird-days. Noted N of Xining on two dates.

****vide* Zheng *et al.* (2011) the distinctive ssp *kansuensis* is restricted to NW & SW Gansu and 'Qinghai', though the only Qinghai locality for which it was listed by Cheng (1987) was Zekog. Dickinson (2003) listed it also for NW Sichuan.

Azure-winged Magpie Cyanopica cyanus

34 bird-days. Noted on five dates.

***In addition, present @ the grounds of our Beijing hotel.

***The Iberian taxon, *C. (c.) cooki*, has been shown to be sufficiently differentiated genetically to merit elevation to full species status. Dickinson (2003) included a further five taxa in the eastern species in addition to the ones we saw, *kansuensis* in NE Tibet & *interposita* at Beijing, but IOC (2016) lumps all but *japonica*, following Kryukov *et al.* (2004).

Common Magpie Pica pica serica

45 bird-days. Noted on three dates.

***IOC (2015): 'MtDNA phylogeny suggests that Eurasian Magpie comprises several potential species including Korean Magpie *P. sericea*, Mahgreb Magpie *P. mauritanica* and Asir Magpie *P. asirensis*. Korean Magpie should be split to address paraphyly with NA species (Lee *et al.* 2003).' – presumably DNA material was not available for *bottanensis*...

Tibetan Magpie Pica bottanensis

60 bird-days. Noted on seven dates.

***The two *Pica* taxa occupy mutually exclusive ranges and display a number of vocal, morphological & habitat differences.

Henderson's Ground Jay Podoces hendersoni

Just two between us, both on 7th.

Red-billed Chough Pyrrhocorax pyrrhocorax

151+ bird-days. Noted on 17 dates.

Alpine Chough *Pyrrhocorax graculus*

Nine on 3rd – on our circuit rarely seen away from SE-most Qinghai...

Daurian Jackdaw Corvus dauuricus

c110 bird-days. Noted on six dates – one 'scoped leaving roost near Xining on 26th was practically the 1st bird of the day.

Rook Corvus frugilegus pastinator

Six N of Xining on 11th.

***ssp *pastinator* differs from the nominate – which in China occurs only in 'Xinjiang' (Zheng *et al.*, 2011) - in lacking 'bare chalky white facial skin [...] and has a more sharply pointed bill': Brazil (2009).

Carrion Crow Corvus corone

12 @ our lunch stop village N of Xining on 25th.

Large-billed Crow Corvus macrorhynchos tibetosinensis

21 bird-days. Noted on eight dates – great photo ops of three attracted to our nutritious field breakfast on 1st!

***IOC (2015) accepts the split of the taxa *levaillantii* (of 'N India to N Malay Peninsula') 'as 'Eastern Jungle Crow', and *culminatus* (of 'Peninsular India, Sri Lanka') as 'Indian Jungle Crow', both monotypic species; Zheng *et al.* (2011) listed *levaillantii* only for 'S Xizang', and gave the range of *tibetosinensis* as 'SW Xizang, E Qinghai, NW & W Yunnan, and N & W Sichuan'.

Common Raven Corvus corax

52 bird-days. Noted on nine dates.

Hume's Groundpecker Pseudopodoces humilis

66+ bird-days. Noted on 12 dates.

'Eastern' Great Tit Parus minor

6+ bird-days.

***Zheng *et al.* (2011) listed ssp *minor* for E Qinghai, and ssp *tibetanus* for S Qinghai. ***IOC (2016) persists in using the English name 'Japanese Tit' for this species, despite Japan constituting only a small part of its range, and being home to just four out of the eight (down from nine as recently as 2015!) recognized sspp. Three of which, moreover, are so distinctive that they may yet prove full species!

Rufous-vented Tit Parus rubidiventris

38 bird-days. Noted on six dates.

Willow Tit Parus montanus affinis

28 bird-days. Noted N of Xining on four dates.

***'Songar Tit P. songarus' is now lumped back in with Willow Tit P. montanus: IOC (2015).

Sichuan Tit Parus weigoldicus

15 bird-days. Noted S of Yushu on four dates.

***Note that of the several 'Songar Tit' sspp only *weigoldicus* merits full species status (the rest are now lumped back in with Willow Tit *P. montanus* by e g IOC (2015)).

***Rasmussen & Anderton (2005) noted that "the case for treating *weigoldicus* as a full species appears particularly strong on the basis of its unusually high genetic distances from other taxa, despite weak morphological differentiation". Actually – as we couldn't help noticing (& see Collar & Pilgrim 2007) - *weigoldicus* <u>does</u> differ 'conspicuously' in many respects, incl vocalizations, from even *affinis*.

White-browed Tit Parus superciliosus

Ten bird-days. This charismatic endemic was noted on four dates.

***No subspecies have been described, but Harrap & Quinn (1996) notes that 'birds from NW Sichuan and southern Qinghai are reported to average less pure grey on the upperparts (more brownish-grey and olive-grey), and darker, richer, more brick-brown on breast and belly than those from Gansu'.

Grey Crested Tit *Parus dichrous* Nine bird-days. Noted on three dates.

Sand Martin Riparia riparia

Singles on 4+7th.

Pale Sand Martin Riparia diluta

62+ bird-days. Noted on seven dates - two 'scoped on a fence on 26th!

Barn Swallow Hirundo rustica

11 bird-days. Stray migrants were noted on six dates.

Eurasian Crag Martin Ptyonoprogne rupestris

85+ bird-days. Noted on nine dates.

Asian House Martin Delichon dasypus

290+ bird-days. Noted on seven dates.

White-browed Tit-Warbler Leptopoecile sophiae

33 bird-days. Noted on eight dates – getting repeated views & point-blank range photo ops was (*please tick as appropriate*)

- [] stunning.
- [] very stunning.
- [] fantastically stunning.
- [] nothing to brag about.

Crested Tit-Warbler Leptopoecile elegans

Two males showing intermittently in a dense spruce across a narrow river on 1^{st} – a bit far through binoculars but brilliant through the 'scope!

Mongolian Lark Melanocorypha mongolica

11 bird-days. Superb views on two dates included one 'scoped displaying on the ground at Koko Nor on 26th.

***Interestingly, IOC (2015) moves 'White-winged Lark from *Melanocorypha* to *Alauda*' following Alström *et al.* (2013), but without comment leaves Mongolian Lark in *Melanocorypha*!

Long-billed Calandra Lark Melanocorypha maxima

Four bird-days. Noted on just two dates – after seeing two extremely well at Koko Nor on 26th it simply wasn't a priority to see more...

Hume's Short-toed Lark Calandrella acutirostris

16 bird-days. Noted on four dates.

Asian Short-toed Lark Calandrella cheleensis

21 bird-days. Noted on two dates.

Oriental Skylark Alauda gulgula

Widespread – not systematically recorded.

Elwes' Horned Lark Eremophila elwesi

Widespread – not systematically recorded.

***Drovetski *et al.* (2014) – in an article record-breakingly titled 'Limited Phylogeographic Signal in Sex-Linked and Autosomnal Loci Despite Geographically, Ecologically, and Phenotypically Concordant Structure of mtDNA Variation in the Holarctic Avian Genus *Eremophila*'^: PloS ONE

9(1) – proposed splitting Horned Lark *Eremophila alpestris* into six species.

Of relevance in an Oriental context are:

E. elwesi of Tibet etc. (to be renamed if the uninvestigated ssp *longirostris* proves to belong to this clade).

E. penicillata including 'birds inhabiting alpine zone of Palearctic mountains from southeastern Europe to Tian Shan' (ssp *albigula* is found in Xinjiang, China).

E. flava 'breeding in the tundra from Scandinavia to Amguema River in Chukotka' (and occuring S in winter at least to Beijing).

E. brandti 'breeding in aridlands from the northwestern border of Kazakhstan to northeastern Inner Mongolia in China' (and occuring S in winter at least to Beijing).

The dust is yet to settle, but *elwes*i is as genetically distinct as Temminck's Horned Lark *E. bilopha*...

***^To which the only reasonable response would be 'supercalifragilisticexpialidocious'!

Tarim Hill Babbler Rhopophilus albosuperciliaris

16 close to Golmud on 7th.

***The much-loved CHINESE HILL WARBLER *Rhopophilus pekinensis* turns out to be two monotypic species (Leader *et al.* 2013: Forktail 29, pp31-36): *Rhopophilus pekinensis* & *R. albosuperciliaris*, with the proposed English names BEIJNG BABBLER & TARIM BABBLER, respectively... Seeing that Beijing is only a tiny dot on the map of the former's vast range (from N Korea to NE Tibet), and that the latter is *not* endemic to Xinjiang's Tarim Basin (as our sightings confirm, its range extends into Qinghai's Qaidam Basin) perhaps the best selling point for these names are that they confine the 'Chinese Bush-dweller' of Handbook of the Birds of the World (VolXII, p281: Collar & Robson 2007) to history?

The two are easily distinguished – *pekinensis* has a striking whitish iris, broad-ish streaking on the mantle & extensive orangey streaking on the flanks, while *albosuperciliaris* has a dark iris, narrower & less extensive streaking above, and much less orange markings on the flanks. Both

species 'have a wide repertoire of vocalizations', but at least one song type is distinctively different.

Spotted Bush Warbler *Bradypterus thoracicus*

One heard singing – disappointingly, and unusually, it did not respond to taping - N of Xining on 11th.

Dusky Warbler Phylloscopus fuscatus weigoldi

Three in full look-at-me! mode on 10th: 'even if you were used to seeing Dusky Warbler these were memorable views' – and most of us of course weren't!

***Martens *et al.* (2008) unconvincingly aligned the reasonably distinctive but oddly localized taxon *weigoldi* with Smoky Warbler *P. fuligiventer* [rather than with *P. fuscatus*]:

<u>http://globiz.sachsen.de/snsd/publikationen/vertebrate-zoology/vz58-2/06_Martens.pdf</u> ***Zheng *et al.* (2011) references the Martens *et al.* (2008) article but appears to disagree (as have in the past those of us familiar with nominate *fuscatus*) that *weigoldi* is better considered a race of Smoky Warbler *P. fuligiventer*, a change IOC (2015) on the other hand accepts without comment.

'Chinese' Tickell's (= Alpine) Warbler Phylloscopus occisinensis

82 bird-days. Noted on 13 dates.

***Martens (2008) elevates part of Tickell's Warbler to full species status as *P. occisinensis* http://globiz.sachsen.de/snsd/publikationen/vertebrate-zoology/vz58-2/06_Martens.pdf

Yellow-streaked Warbler Phylloscopus armandii

44 bird-days. Noted on seven dates.

Buff-barred Leaf Warbler Phylloscopus pulcher

11 bird-days. Noted at four dates.

Gansu Leaf Warbler Phylloscopus kansuensis

80+ bird-days. Noted on four dates this real gem-with-wings was a delight to get to know: the key *Phylloscopus* to look for in this part of the world, it was only recently reaccepted as a valid species, and its winter quarters remain undiscovered...

Chinese Leaf Warbler Phylloscopus yunnanensis

Six bird-days. Noted N of Xining on three dates – particularly instructive views of one on 23rd.

Eastern Lemon-rumped Warbler Phylloscopus forresti

37 bird-days. Noted S of Yushu on three dates.

***Martens *et al.* 2004 (*vide* Rheindt 2006) elevated *forresti*, considered a synomym of *chloronotus* by Cheng (1987), to full species status, splitting it from *chloronotus* (of Nepal) which, with *simlaensis*, becomes Western Lemon-rumped Warbler. The two differ "dramatically in song and mitochondrial DNA (4.2% cytochrome-b divergence)": Rheindt (2006).

Given that the type locality for *forresti* is Lijiang, in Yunnan (Cheng 1987) it is not obvious that "Sichuan Leaf Warbler' is preferable to 'Eastern Lemon-rumped Warbler'. "Presumably the hitherto unknown border between both species lies somewhere in Yunnan, Burma or northeastern India.": Rheindt (2006). *Ahem*?

Hume's Leaf Warbler Phylloscopus humei

160+ bird-days. Noted on seven dates.

***Rasmussen & Anderton (2005) treats both sspp as full species, noting that "although the call of *mandellii* is markedly different from [nominate] *humei*, the whistled songs of both taxa are variable and often inseparable. While *mandellii* is genetically closer to *humei* than to *inornatus*, it is long-separated from either according to mtDNA (Irwin *et al.* 2001); its status as a full species thus remains equivocal." – NOT (yet) accepted as a full species by IOC: http://www.worldbirdnames.org/BOW/bushtits/

Greenish Warbler *Phylloscopus trochiloides*

140+ bird-days. An easy to see species noted on 11 dates.

Large-billed Leaf Warbler Phylloscopus magnirostris

19 bird-days. Noted N of Xining on two dates.

'Margelanic' Whitethroat Sylvia margelanica

Four on 7th – one 'scoped at point-blank range!

Spot-breasted Scimitar Babbler *Pomatorhinus erythrocnemis*

Two on 2nd – one took a really long time to let us know it WAS around on a hillside where earlier OBC groups had located it...

***Collar (2006) elevated *odicus* (of NE and E Burma, N Indochina, S Yunnan and Guizhou (except N), *decarlei* (of 'E Xizang', SW Sichuan, and NW Yunnan), *'dedekensi [sic]*' (of '(N)E Xizang', W Sichuan, and NW Yunnan), *gravivox* (of S Gansu, S Shaanxi, S Shanxi, NW Henan, and N Sichuan), and *cowensae* (of C and E Sichuan, N Guizhou, and W Hubei) to species status on morphological grounds, a 'new arrangement, which clearly rests on uncertain foundations and is in need of considerable fortification (which is not supplied by morphometric analysis, as this shows as much variation within the new species as between them, notably a remarkably long tail in *dedekensi* [sic]...)'. In the absence of DNA analysis and a thorough study of the notoriously varied vocalizations of these birds, such rearrangement seems fairly meaningless...

Kozlov's Babax Babax koslowi

15+ bird-days. Noted on four dates – a classic encounter was three birds 'scoped below the road as the morning sun started to warm up their steep hillside (a development also appreciated by the patient OBC team!).

Pere David's Laughingthrush Garrulax davidi

26 bird-days. Noted N of Xining on three dates.

***Only when seen well does one realize why the alternative name, 'Plain' Laughingthrush, isn't entirely appropriate...

Giant Laughingthrush Garrulax maximus

31+ bird-days. Noted on four dates – one 'scoped as it sat out across the river, singing & fanning its tail.

***This superb-looking but all-too-frequently hard to see species has an impressive range of calls, some subdued, some anything but, yet others direct or derived mimicry – duetting birds are often a striking component in the dawn chorus, and throughout the day at this time of the year pairs travelling through the forest will mark their progress with occasional sessions of loud calling.

Elliot's Laughingthrush Garrulax elliotii

102+ bird-days. This attractive W China / E Tibet endemic was noted on ten dates.

Chinese Fulvetta Alcippe striaticollis

Two on 1st: a low density, low-key endemic which one needs the sort of views we got to really appreciate.

***Knowing the call AND where to listen out for it is - even more so than in the case of Kozlov's Babax – the key to locating this subtly attractive but, alas, skulky key endemic. Despite its universally accepted name (?), the IOC tersely gives its range as 'Tibet'.

Goldcrest *Regulus regulus*

17 bird-days. Noted on six dates.

Northern Wren *Troglodytes troglodytes*

11 bird-days. Noted on three dates.

Chinese Nuthatch Sitta villosa

20 bird-days. Noted N of Xining on four dates.

Przevalski's Nuthatch Sitta przwalskii

13 bird-days. Noted on five dates – several were heard-onlies but everyone got prolonged 'scope views of this emblematic species.

Wallcreeper Tichodroma muraria

Nine bird-days. Noted on two dates.

***'One of the most spectacular birds in the world, this [monotypic family] species is aptly named 'rock flower' in Chinese': Harrap & Quinn (1996) – I'm not sure which Chinese dialect Harrap and/or Quinn is familiar with but both Cheng (1987) and Zheng *et al.* (2011) refer to *Tichodroma muraria* as '*Hongchi xuanbi que*', 'red-winged cliff-hanging bird'.

***'Placed [...] in its own family by Voous (1977), as 'the extraordinary adaptations to extreme mountain conditions... might not immediately have justified the recognition of a family of its own, but they surely mark the arrival at a new structural and ecological level with promising possibilities': Harrap & Quinn (1996) – a sort of Honorary Family-hood, but upheld by IOC today.

Eurasian Treecreeper Certhia familiaris

Seven bird-days. Noted N of Xining on two dates.

Hodgson's Treecreeper Certhia hodgsoni

One seen well on 2nd.

***This newly elevated species 'embraces the Sino-Himalayan [taxa formerly treated as subspecies of *C. familiaris*] *hodgsoni* Brooks, 1874 (W Himalayas), *mandellii* Brooks, 1874 (E Himalayas) and *khamensis* Bianchi 1903 (SW & W China [N as far as the road between Jiuzhaigou & Sungpan in N Sichuan]': D T Tietze *et al.* 2006. Birds in SE Qinghai & E Xizang are this taxon: Cheng (1987).

Crested Myna Acridotheres cristellatus

One within the Xining city limits on 23rd – it will be interesting to see if this marginal / feral species gains a foothold the way it has around Beijing...

Daurian Starling Sturnus sturninus

One in poplars W of Koko Nor on 9th.

Rosy Starling Sturnus roseus

One adult [MH, JH, AP] digiscoped on 7th.

White-cheeked Starling Sturnus cineraceus

Three bird-days: one near Xining on 23rd, and an adult w/ a juvenile W of Koko Nor on 9th.

Chestnut Thrush *Turdus rubrocanus*

22 bird-days. Noted on six dates – one near Nangqian on both 1+2nd was a pleasant surprise (no previous records!: JH pers obs).

Kessler's Thrush Turdus kessleri

94 bird-days. Noted on 14 dates.

Chinese Song Thrush Turdus mupinensis

Three bird-days. Noted N of Xining on two dates – great 'scope views of two songsters on 11th made an irrelevance of a flighty individual on 24th.

Siberian Rubythroat Luscinia calliope

Ten bird-days. Noted on three dates.

'Tibetan' Rubythroat Luscinia (pectoralis) tschebaiewi

24 bird-days. Noted on four dates, with prolonged 'scope views of singing males a real treat. ***^Liu *et. al* (2016) – who follow IOC (2016) in listing the rubythroats, along with Firethroat and Black-throated Robin in a separate genus, *Calliope* - demonstrate that '*Calliope pectoralis*' is best considered two species, but inexplicably favour the English name 'Chinese' Rubythroat over the geographically far more accurate 'Tibetan'...

Himalayan Red-flanked Bluetail Tarsiger rufilatus

One briefly on 1st...

Northern Red-flanked Bluetail Tarsiger cyanurus

52 bird-days. Noted N of Xining on four dates – a flitty male 'scoped on 11th is the one most of us will remember.

***Apparently (L Svensson pers com) birds breeding in NE Qinghai – with a white brow in adult males – are *albocoeruleus*, a long neglected taxon hitherto considered of doubtful validity (and still not listed by IOC (2015)), but with a song distinct from both *cyanurus*' & *rufilatus*'. It is genetically closer to *cyanurus*, but has legs as long as *rufilatus*'.

Przevalski's Redstart Phoenicurus alaschanicus

Two males and a female delighted W of Koko Nor on 8^{th} – and the more so as they took a while to appear.

***The subdued song of this species – 'arguably the prettiest in the genus' – seem to consist largely of mimicry.

Black Redstart Phoenicurus ochruros

104+ bird-days. Noted on 16 dates.

Hodgson's Redstart Phoenicurus hodgsoni

31 bird-days. Noted on nine dates.

White-throated Redstart *Phoenicurus schisticeps* 26 bird-days. Noted on eight dates.

Daurian Redstart Phoenicurus auroreus

A pair at Xining on 25th.

Guldenstadt's Redstart *Phoenicurus erythrogastrus*

27 bird-days. Noted on four dates – main event 23 at >4800m on 29th.

Blue-fronted Redstart Phoenicurus frontalis

31 bird-days. Noted on 13 dates – a snow-induced fall of no fewer than 12 birds on 25th included some tame males.

White-bellied Redstart Hodgsonius phaenicuroides

Five singing N of Xining on 11th – somewhat against the odds we <u>saw</u> one of them... and still more against the odds it was an immaculately plumaged adult (the sometimes all-brown immatures seem somewhat less skulky than the full adults!): TINGALING! ***IOC (2016) lists this species as *Luscinia phoenicuroides* following Sangster *et al.* (2010).

Plumbeous Redstart Rhyacornis fuliginosa

One female on 1st was all we managed.

River Chat Chaimarrornis[^] leucocephalus

30 bird-days. Noted on nine dates.

***^IOC (2016) lists the species as '*Phoenicurus leucocephalus*', following Voelker (2010) & Sangster *et al.* (2010) – the genus *Chaimarrornis* disappears completely!

'Siberian' Stonechat Saxicola torquatus przewalskii

Three seen well W of Koko Nor on 10th – a pair plus a single male...

***IOC (2015) treats sspp *hemprichii*, *variegatus*, *maurus*, *indicus* & *przewalskii* as 'Siberian Stonechat', and further elevates ssp *stejnegeri* of 'E Siberia and E Mongolia to Korea and Japan' as 'Stejneger's Stonechat' based on Zink *et al.* (2009) mtDNA analysis, though with the caveat '[this] may be premature; further resolution of this stonechat complex is needed'.

Isabelline Wheatear Oenanthe isabellina

57 bird-days. Noted on four dates – main event 37 in the morning of 9th: they put on a good show, and sang full blast...

Pied Wheatear Oenanthe pleschanka

Four bird-days. Noted near Xining on two dates.

Desert Wheatear Oenanthe deserti

15 bird-days. Noted on four dates.

Common Rock Thrush Monticola saxatilis

A pair was seen very well on 8th.

Sooty Flycatcher Muscicapa sibirica

Four bird-days. Two near Nangqian on both 1+2nd.

***Work on vocalizations may well lead to suggestions that the distinctive *rothschildi* be elevated to full species status...

Slaty-backed Flycatcher Ficedula hodgsonii

63 bird-days. Noted on six dates.

White-throated Dipper Cinclus cinclus

12 bird-days. Noted on seven dates – both white-throated morph birds and the less well known all-brown morph were seen...

House Sparrow Passer domesticus

12 roosting under an Upland Buzzard nest on 27th.

Eurasian Tree Sparrow *Passer montanus*

Widespread – not systematically recorded.

Rock Sparrow Petronia petronia

c30 bird-days. Noted on five dates.

Henri's Snowfinch Montifringilla henrici

26 bird-days. Noted on four dates, incl an tame pair which interrupted a 4800m field breakfast – WOW! views were had by all.

***DNA work has shown this taxon to be more closely related to Tibetan Snowfinch than to Eurasian (with which it was lumped in the past).

Tibetan Snowfinch Montifringilla adamsi

13 bird-days. Noted on five dates.

***Doubleplusunspectacular on the ground but truly striking in flight, this species is blessed with no fewer than four English names...

White-rumped Snowfinch Onychostruthus taczanowskii

78+ bird-days. Noted on nine dates this proved the most charismatic of the snowfinches encountered – the species 'dive-bombs' rivals, engages in strutting stand-offs, and lumbers along, all hunched up and true intentions hidden behind its highwayman's mask...

Pere David's Snowfinch Pyrgilauda davidiana

Three bird-days. Noted on just two dates.

***It is doubly misleading to call this 'one of the most localized snowfinch species' (as done by H Jannes in a 2011 Birdquest trip report) as

a) its range is <u>vast</u>, covering SE Russian Altai, Mongolia & SE Transbaikalia S to E Qinghai and W & C Inner Mongolia (Dickinson, 2003)!

b) the <u>only</u> Snowfinch that could be reasonably said to be 'localized' is Afghan Snowfinch *Pyrgilauda theresae*, 'endemic to the N & C ranges of the Hindu Kush, Afghanistan (Shibar, Sabz & Unai Passes, Bamian [Prov]), between approximately 67* and 69*E', descending from its summer range between 2575-3000m to lower levels, and 'occasionally moves N into Badghyz and Karabil, SE Turkmenistan': Clement *et al.* (1993)!

Rufous-necked Snowfinch Pyrgilauda ruficollis

191+ bird-days. Noted on ten dates.

Blanford's Snowfinch Pyrgilauda blanfordi

26 bird-days. Noted at six sites... this high specialized species in the end proved incredibly obliging.

Alpine Accentor Prunella collaris

Three on 3rd – quite satisfactory 'scope views (fortunately, as the terrain prevented safe approach!)...

Robin Accentor *Prunella rubeculoides*

44 bird-days. Noted on six dates – main event 24 in the morning of 28th: there was hardly a moment when one of these tough birds weren't in view.

Rufous-browed Accentor Prunella strophiata

32+ bird-days. Noted on ten dates.

Brown Accentor Prunella fulvescens

56+ bird-days. Noted on seven dates – main event 18 in the buckthorn thickets on 4th: singing and pursuit-flighting at fever pitch!

Citrine Wagtail Motacilla citreola

Noted on eight dates. Three males W of Koko Nor on 9th included one ssp *citreola*.

Grey Wagtail Motacilla cinerea

One N of Xining on 25th.

White Wagtail Motacilla alba

39+ bird-days. Noted on ten dates - sspp involved were *leucopsis* (none identified S of @ Er La pass) & *alboides* (in the Yushu/Nangqian area).

***Alstrom & Mild (2003) concluded that various factors "suggest that the White Wagtail is best treated as a single species under the BSC".

Richard's Pipit Anthus richardi

Four bird-days. Noted on three dates.

Blyth's Pipit Anthus godlewskii

Three bird-days. One still as far S as Yushu on 29th was of note.

Olive-backed Pipit Anthus hodgsoni

31+ bird-days. Noted on eight dates.

Rosy Pipit Anthus roseus

36 bird-days. Noted on four dates – a snow-induced fall of no fewer than 25 birds on 25th included some very 'scopable, pink-throated individuals: TINGALING!

Oriental Greenfinch Carduelis sinica

Nine bird-days. Noted on three dates – two strays at c3900m on 27th were of note.

Twite Carduelis flavirostris

104+ bird-days. Noted on nine dates – c20 on 28th seemed quite content to use a plastic tree for roosting...

Plain Mountain Finch Leucosticte nemoricola

30 bird-days. Noted on five dates.

Brandt's Mountain Finch Leucosticte brandti

c17 bird-days. Noted on four dates - it is perhaps its hardiness even more than its plumage that makes this a very attractive species...

***Sadly, our attempt to find Sillem's Mountain Finch L. sillemi did not bear fruit...

Przevalski's Finch Urocynchramus pylzowi

Excellent views on two dates!

***A not-to-be-taken-for-granted bird which has something to offer no matter what subspecies of birder you are: beauty, intriguing behavior (notably its parachute type song-flight), odd song, as well as taxonomic interest (it has for some years now been known to represent a monotypic family).

***We have now noted this species at no fewer than 11 sites!

Common Rosefinch Carpodacus erythrinus

25 bird-days. Noted on five dates – seeing a pair at close range, drinking & bathing, at the entrance to the pretty valley we spent most of 30th in was simply wonderful.

Beautiful Rosefinch Carpodacus pulcherrimus^

12 bird-days. Noted on five dates – two males were part of a snow-induced fall of on 25th. ***^Tietze *et al.* (2013) seem to conclude, *contra* Rasmussen & Anderton (2005), that *davidianus* is NOT sufficiently diverged (just 2.1%) from its sister lineage *pulcherrimus / argyrophrys* to merit treatment as a full species: having determined (p299) that *waltoni* & eos form one species *C. waltoni*, they state that '*Carpodacus pulcherrimus* (F. Moore, 1856) consequently is left with only the subspecies *argyrophrys* Berlioz, 1929, *davidianus* A. Milne-Edwards, 1866, and nominate *pulcherrimus*'.

Pink-rumped Rosefinch Carpodacus waltoni

43 bird-days. Noted S of Yushu on four dates.

***See taxonomic note under Chinese Beautiful Rosefinch, above.

Stoliczka's Rosefinch Carpodacus stolickae beicki

Eight bird-days. Noted on two dates - and what views!

***...all the sweeter for this taxon now at long last being formally regarded as a full species.

Three-banded Rosefinch Carpodacus trifasciatus

It took us two attempts to find a female – SE Qinghai is on the edge of the species' range: seeing it was a bonus, and seeing it so well was a bonus on top of a bonus!

Chinese White-browed Rosefinch Carpodacus dubius

64 bird-days. Noted on nine dates.

Eastern Great Rosefinch Carpodacus rubicilloides

36 bird-days. Noted on six dates.

***Several memorable photo op encounters with full-blown red males, rewarding in their own right, left us well prepared to recognize a male Caucasian Great Rosefinch...

Caucasian Great Rosefinch Carpodacus rubicilla severtzov

Six bird-days. Noted on three dates.

***"Treatment of *severtzovi* as a subspecies of (Caucasian) Great Rosefinch *C. rubicilla* (of Caucasus) is unjustified given differences in plumage [Caucasian is much brighter red overall, and lacks whitish spots on the crown: Rasmussen 2005], habitat and (apparently) vocalisations (Dement'ev *et al.* 1970)...": Rasmussen & Anderton 2005; Tietze *et al.* (2013), however,

established that *severtzovi* – of 'E Kazakhstan to WC China, the Himalayas and N Pakistan': IOC (2016) - genetically is insufficiently differentiated from *rubicilla* to merit treatment as a separate species. What a bummer!

Red-fronted Rosefinch Pyrrhospiza^ punicea

Three on 6th – despite the distance, quite acceptable 'scope views of a fine male... ***Dickinson (2003) included 'our' area in the range of ssp *longirostris*. ***^IOC (2015) listed the species as *Carpodacus puniceus*, without comment.

Roborovski's Rosefinch Kozlowia^ roborowskii

16 bird-days. This extreme altitude specialist was seen well - AND photographed! - on two dates.

***^reassigned to *Carpodacus* by IOC (2015), following Zuccon *et al* (2012) & Tietze *et al* (2013), contra Dickinson (2003), who agreed with Vaurie (1959) and Cheng (1987) that 'this genus [*Kozlowia*] should be retained.'

Red Crossbill Loxia curvirostra

18 bird-days. Noted S of Yushu on two dates - we 'scoped a male feeding on the forest floor...

Grey-headed Bullfinch Pyrrhula erythaca

37 bird-days. Noted on five dates.

White-winged Grosbeak Mycerobas carniceps

22 bird-days. This somewhat erratic species was noted on seven dates.

Pine Bunting Emberiza leucocephalos

Eight bird-days. Noted on two dates – two males w/ a female engaged in some territorial / pair bonding activity next to the road on 7th was an extremely welcome end to a loooong wait for MH...

Eastern Rock Bunting Emberiza godlewskii

31 bird-days. Noted on nine dates.

Meadow Bunting Emberiza cioides

Seven bird-days. Noted near Xining on two dates – great views through the 'scope!

Kozlov's Bunting Emberiza koslowi

Ten bird-days. Noted near Nangqian on two dates – on the first day this enigmatic (and outrageously pretty!) species proved tricky but everyone 'went the extra mile' without complaint. Later we made a point of visiting another site where – on that particular day – they proved easier: what views!

***Only when this highly localized and hard-to-get-to Restricted Range endemic is 'in the bag' will birdwatchers allow themselves a sigh of relief and a pleasant 1st taste of 'we've done it!'. And did we do it!? Superb views, views that could hardly have been improved upon, and ditto photo opportunities – would have been worth far more of a trek: arguably the Most Special Bird of the Trip.

Black-faced Bunting Emberiza spodocephala

Seven bird-days. Noted on just two dates – unfortunately, only those of us who on 7th resisted the temptation to call it a day saw it properly...

<u>Mammals:</u>

Sequence and taxonomy follows "A Guide to the Mammals of China", Smith & Xie (ed.) 2008.

Rhesus Macaque Macaca mulatta

15+ on 2^{nd} – a superb sighting as the troupe hung out on a sun-drenched cliff top: the youngsters were chasing each other, tumbling about & taking turns hanging off a low branch, while the adults got on with their preening.

Himalayan Marmot Marmota himalayana

121+ animal-days. Noted on 15 dates.

Blyth's Mountain Vole Neodon leucurus

11+ animal-days. Noted on three dates.

Vole sp.

Two under a buckthorn ticket on 4th – seen quite well: 'uniform dark brown, incl inside of ears. Short tail same brown. No pale rim to ears. Seen copulating after much chasing-around and disappearing from view'... but what was it?? (to be continued)

Tibetan Dwarf Hamster Cricetulus tibetanus

Seven animal-days. Noted on two dates – often inquisitive but a fast mover so hard to photograph...

Gansu Pika Ochotona cansus

Three animal-days. Noted on two dates.

Black-lipped (= Plateau) Pika Ochotona curzoniae

Widespread - not systematically recorded.

Glover's Pika Ochotona gloveri

Nine animal-days. Noted S of Yushu on four dates.

Tsing-Ling Pika Ochotona huangensis

Two singles on 24th – superb views of one@ stone heap in the open ('sang once') as we were heading down to the road.

Woolly Hare Lepus oiostolus

47 animal-days. Noted on 13 dates.

Tolai Hare Lepus tolai

One near Xining on 25th.

Wolf Canis lupus

Singles on two dates – first a brief look only for MH, JH & AP, then a very satisfying encounter with a female making its way up a forested slope...

Tibetan Fox Vulpes ferrilata

21 animal-days. Noted on seven dates.

Red Fox Vulpes vulpes

12 animal-days. Noted on four dates – seeing five playful, home-alone cubs on 9th was a treat.

***Asian Badger Meles leucurus

Brief views of one ducking in and out of severe haze on 5th [JH].

Mountain Weasel Mustela altaica

One flitting deep in dwarf willows on 28th [MH, AP].

Kiang Equus kiang

950 animal-days. Noted on four dates - main event 280 in one valley on 29th, all head-down grazing frantically before the domestic yaks appeared on the scene: it was a real pleasure to watch these dignified 'donkeys' - in the absence of hunters they (and other large mammals on the Plateau) are fairly confiding, and in a couple of cases we were able to get good-to-decent photos even without the help of long lenses!

MacNeill's (Red) Deer Cervus macneilli

29 animal-days. Noted S of Yushu on two dates.

***Groves (2005) concluded that two Shou taxa merit full species treatment - *Cervus wallichii* & *Cervus macneilli*. They 'retain many features' 'that characterized the primitive basal stock of the entire red deer/wapiti/sika/rusa group'.

****macneilli* is 'the pale red-grey deer of the eastern margins of the Tibetan plateau': Groves (2005).

Gansu Red Deer Cervus (elaphus) kansuensis

Six W of Koko Nor on 8th.

***In N Tibet the respective ranges of *Cervus kansuensis* and *Cervus canadensis alashanicus* are unclear, as is their taxonomic status. The type locality for *kansuensis* is Lintan (= Xincheng: 34* 42'N, 103* 21'E), not far NE of where Schafer collected undoubted *macneilli*.

****vide* Groves (2005), *kansuensis* is 'quite distinct, the winter pelage being especially different: *macneilli* stags are very light, creamy grey, while *kansuensis* stags are deep steely grey. The black on the croup [...] is much more conspicuous in *kansuensis*.'

***Subsequently (Groves & Grubb: *Ungulate Taxonomy* (2011)) it was felt, however, that *kansuensis* is probably NOT a valid taxon. There are specimens from S Koko Nor Range 37*N 100*E & from Tatung Shan 37*15'N 100*E, and there are sight records from Qilian Shan.

White-lipped Deer Przewalskium albirostris

144 animal-days. Noted on three dates.

***'The species previously ranged across much of the eastern Tibetan Plateau, [but now] occurs in fragmented populations in northwestern and southwestern Gansu, eastern and central, and southern Qinghai, eastern [Xizang], western Sichuan, and northwest Yunnan'.

'There is no [official] global population estimate', [though] 'Wang (1998) estimated a total population of some 7,000': see <u>http://www.iucnredlist.org/details/4256/0</u>

Goitred Gazelle Gazella subgutturosa

c14 animals on 7th.

Tibetan Gazelle *Procapra picticaudata*

1,392 animal-days. Noted on seven dates.

***In the absence of human hunters these nimble creatures are fairly confiding (if still jumpily high-strung, no doubt on account of the healthy population of wolves roaming the highlands... in August 2005 we were even privileged to watch four particularly mean-looking wolves undertake a successful chase, killing and ripping apart their victim).

Przevalski's Gazelle Procapra przewalskii

Four males on 8th.

***The species has recently be 'downgraded' to 'merely' Endangered (following the discovery of additional herds in 2003) although the world population may be no more than 350-400 mature individuals. See http://www.iucnredlist.org/apps/redlist/details/18230/0

Wild Yak Bos grunniensis

15 animal-days. On the fairly long list of most-hoped-for mammals, these impressive creatures were seen well on two dates...

Chinese Serow Capricornis milneedwardsii

An absurdly confiding individual was seen on 2nd.

Tibetan Antelope Panthalops hodgsonii

272 animal-days. Noted on two dates - seeing 268 individuals in a day along the remotest Roof of the World stretch of road was truly something to remember...

Blue Sheep Pseudois nayaur

202 animal-days. Noted on no fewer than seven dates. Given how important a prey this species is to Snow Leopard (Schaller, 1998: pp204-5) we felt almost aggrieved that we failed to spot one, and we were only half-joking when we speculated that some snow leopard probably saw *us*...