

## The OSME Regional List of Birds – Non-passerines – 2<sup>nd</sup> Edition Consultative Draft December 2007

A fuller explanation is given in [Explanation of the ORL](#), but briefly, **green shading** indicates former presence of a form in the OSME Region. Grey shading indicates a taxon where authorities differ on presence in the OSME Region or where recent splits require clarification of the status of the 'new' taxon in the OSME Region. For taxa that have unproven and probably unlikely presence, see the Hypothetical List. **Red font** indicates added information since the previous version, and **Red font with yellow highlighting** in the 'Notes' column usually indicates that further documentation is sought. Not all synonyms have been examined. Serial numbers (SN) are not final. **Key:** Compass cardinals (eg N = north, SE = southeast are used. Abbreviated References are explained after the Table.

### Notes

- PT=Parent Taxon** (used because many records will antedate splits, especially from recent research) – we use the concept of **PT** with a degree of latitude, roughly equivalent to the formal term *sensu lato*, 'in the broad sense'.
- The term 'reported' indicates the occurrence is unconfirmed.
- IOC English names not used are placed in curly brackets {...}.
- We use square brackets [...] to indicate superspecies that comprise two or more allospecies – we use the same convention for semispecies (Terms such as 'superspecies' are explained in [Ornithological Basis of the ORL](#), where examples are given).
- We use round brackets where the status of a taxon is not entirely clear-cut – the evidence may not be wholly convincing and subject to debate, it may not yet be fully available, we may have overlooked it or not found it, or the evidence on one part of a taxon's range may differ from that in another. In its simplest form, this is our 'Don't know' category.
- As more information is received, the use of abbreviations for countries concerned will increase. See the [Country and Territory Abbreviations](#) for details.**

We seek information backed by references to develop and improve the three parts of this Consultative Draft List.

SN	English Name	Family, Species or Taxon	Working Notes – this is usually additional information to standard references like Porter <i>et al</i> 1996.
		<b>Struthionidae</b>	
1	Common Ostrich	<i>Struthio camelus</i>	S.c <i>syriacus</i> extinct Syria & Arabia c1966 (Clements 2000, 2007), HBW1 (Jordan) – first reintroductions 1972 another ssp (HBW1). Egypt Avibase (Avib), Birding Egypt (BE)
		<b>Numididae</b>	
2	Helmeted Guineafowl	<i>Numida meleagris</i>	Sub-Saharan sp. SW Arabia. Meinertzhagen suggested introduced to Region, cited in Lever 2005.
		<b>Phasianidae</b>	
3	Hazel Grouse ( <b>Hazel Hen</b> )	<i>Tetrastes bonasia</i> (formerly <i>Bonasa bonasia</i> )	Europe E to Kazakhstan Kreuzberg-Mukhina & Kreuzberg (K-M&K) 2005, rare resident W&O 2007.
4	Western Capercaillie ( <b>Capercaillie, formerly Capercaillie</b> )	<i>Tetrao urogallus</i>	N Kazakhstan- Madge & McGowan (M&M) 2002, <i>uralensis</i> & <i>taczanowskii</i> W&O 2007. (Black-billed Capercaillie <i>T. parvirostris</i> is extralimital, although has reached 86°30' E, 67°30' N, but is in serious decline Rogacheva 1992)
5	Black Grouse	<i>Lyrurus tetrix</i> (formerly <i>Tetrao tetrix</i> )	N Kazakhstan- M&M, <i>viridanus</i> (N) & <i>mongolicus</i> (E), W&O 2007, Kyrgyzstan, Ven 2002.
6	Caucasian Grouse (Caucasian Black Grouse)	<i>Lyrurus mlokosiewiczii</i> (formerly <i>Tetrao mlokosiewiczii</i> )	Caucasus, NE Turkey NW Iran, HBW2, scarce breeder Iran Scott & Adhami 2006.
7	Rock Ptarmigan ( <b>Ptarmigan</b> )	<i>Lagopus muta</i>	Kazakhstan, Kyrgyzstan. <i>L.m. macrorhynchus</i> , Clements 2000, M&M 2002, <i>nadezdae</i> (rare) Kazakhstan W&O 2007.
8	Willow Ptarmigan (Willow Grouse)	<i>Lagopus lagopus</i>	Kazakhstan. <i>L.l. rossicus, koreni</i> & <i>brevirostris</i> likely, Clements 2000, M&M 2002, <i>maior</i> & <i>brevirostris</i> Kazakhstan W&O 2007.
9	Snow Partridge	<i>Lerwa lerwa</i>	E Afghanistan-HBW2, possibly NE Afghanistan Rasmussen & Anderton (R&A) 2005, mapped Grimmett <i>et al</i> 1998.
10	Caucasian Snowcock	<i>Tetraogallus caucasicus</i>	Azerbaijan, Georgia, Asia Area Checklist (AAC), M&M 2002. N slopes of Caucasus- HBW2.
11	Caspian Snowcock	<i>Tetraogallus caspius</i>	SE Turkey, Armenia, Azerbaijan, Iran & S Turkmenistan, M&M 2002. Also Iraq, HBW2.
12	Himalayan Snowcock	<i>Tetraogallus himalayensis</i>	Kyrgyzstan AAC, Ven 2002, <i>saurensis</i> & <i>sewerzowi</i> E Kazakhstan W&O 2007, Tadzhikistan & Afghanistan HBW2, R&A 2005, <b>UZ resident Tien-Shan &amp; Hissar-Alai, 2500-4000m asl, where commoner Kreuzberg-Mukhina pers comm</b> , Afghanistan Clements 2000, M&M 2002, mapped Grimmett <i>et al</i> 1998. <b>NB</b> Introduced USA Alderfer 2006.
13	Tibetan Snowcock	<i>Tetraogallus tibetanus</i>	E Tadzhikistan, M&M 2002, HBW2. Afghanistan, HBW2. Easternmost Afghanistan (E end of 'China strip' – Wakhan) map in R&A 2005.
14	Altai Snowcock	<i>Tetraogallus altaicus</i>	E Kazakhstan, M&M 2002, rare W&O 2007.
15	Chukar Partridge (Chukar)	<i>Alectoris chukar</i>	Widespread, Caucasus, S CA (W&O 2007), <b>mountains most CA also some deserts – increasing Kreuzberg-Mukhina pers comm: KZ, UZ <i>shestoperovi</i> – Mangyshlak &amp; Ustyurt (where rare resident); KZ, UZ <i>subpallida</i> – Kyzylkum desert, S KZ, C UZ – sand dunes with <i>Haloxylon</i> near Aydar lake; KZ, UZ, KS <i>falki</i> – Tien-Shan, Karatau range, Chu-Ili mts.; KZ <i>dzungarica</i> – Dzhungarsky Alatau, Saur, Tarbagatai, S Altai, S UZ, TJ, TM <i>korovyakovi</i>. Iran, HBW2, Afghanistan R&amp;A 2005. Probably introduced Oman, UAE (ssp <i>werae</i>, link to St Helena; C Richardson pers comm), Lever 2005. Egypt Avib, BE. <b>NB1</b> Large-scale introductions CA possibly blur ssp ID. <b>NB2</b> Oman birds origin of introduced St Helena population? – WRP Bourne pers comm.</b>
16	Philby's Partridge	<i>Alectoris philbyi</i>	W of SW Arabia, HBW2.
17	Barbary Partridge	<i>Alectoris barbara</i>	NE Egypt Avib, BE
18	Arabian Partridge	<i>Alectoris melanocephala</i>	Upland littoral SW Red Sea, W to Salalah (Oman), also in E Oman, HBW2.
19	See-see Partridge	<i>Ammoperdix griseogularis</i>	Iraq, Afghanistan, HBW2, Iran Scott & Adhami 2006, Kyrgyzstan Ven 2002, N&S. Rare KZ Afghanistan R&A 2005. Armenia, Ananian 2004.
20	Sand Partridge	<i>Ammoperdix heyi</i>	Low hilly or sandy hinterland NE, NW Red Sea, SW Red Sea, W to Oman hinterland (Reported as far S as Wadi A'Shuwaymiyah Dec 06 IH pers comm), HBW2. Egypt Avib, BE
21	Black Francolin	<i>Francolinus francolinus</i>	<b>Cyprus</b> , Iraq, Afghanistan, HBW2, E Iran R&A 2005, Scott & Adhami 2006. SW Turkmenistan Flint <i>et al</i> 1984.

22	Grey Francolin	<i>Francolinus pondicerianus</i>	One record SE Afghanistan M&M 2002, SE Iran R&A 2005, Scott & Adhami 2006. Introduced UAE (partly of natural origin? C. Richardson pers comm), Lever 2005.
23	Grey Partridge	<i>Perdix perdix</i>	N & SE Kazakhstan M&M 2002, some hybridisation from introduced (?) <i>perdix</i> with <i>P. dauurica</i> W&O 2007. , Kyrgyzstan, Ven 2002, scarce resident Iran Scott & Adhami 2006.
24	Daurian Partridge	<i>Perdix dauurica</i>	SE Kazakhstan (W&O 2007), Kyrgyzstan, Madge & McGowan 2002.
25	Common Quail	<i>Coturnix coturnix</i>	Widespread in N of OSME Region, winters India, breeds & migrant Afghanistan R&A 2005, Iran Scott & Adhami 2006. Egypt Avib, BE
26	Harlequin Quail	<i>Coturnix delegorguei</i>	African species with foothold in SW Arabia on Red Sea littoral, HBW2.
27	Koklass Pheasant	<i>Pucrasia macrolopha</i>	Afghanistan, M&M 2002. NE Afghanistan R&A 2005.
28	Himalayan Monal	<i>Lophophorus impejanus</i>	Afghanistan, M&M 2002. NE Afghanistan R&A 2005.
29	Red Junglefowl	<i>Gallus gallus</i>	On-line for Afghanistan, M&M 2002 & HBW2 disagree. Long history widespread introductions to W Asia, to Americas via E Asia, Lever 2005. Accepted, but only on historical grounds. Today, extent of chicken farming makes introgression of domestic/feral chicken genes ubiquitous.
30	Cheer Pheasant	<i>Catreus wallichi</i>	Afghanistan, Clements (2000) & HBW2, <i>contra</i> M&M 2002 ( <b>NB</b> McGowan editor HBW2 pheasant texts.) EN
31	Common Pheasant (Formerly Ring-necked Pheasant)	<i>Phasianus colchicus</i>	In all Caucasus & Central Asia Republics in OSME Region M&M 2002, NW, NC Afghanistan R&A 2005, Iran Scott & Adhami 2006. <b>NB</b> Large-scale introductions or reared stock Kazakhstan W&O 2007.
		<b>Anatidae</b>	
32	Fulvous Whistling Duck	<i>Dendrocygna bicolor</i>	Much of subtropics, wanders to OSME Region, HBW1. Stanton 2000.
33	Lesser Whistling Duck	<i>Dendrocygna javanica</i>	Water shortages may force wanderers into Iran and elsewhere from Pakistan, HBW1
34	Swan Goose	<i>Anser cygnoides</i> ( <i>Cygnopsis cygnoides</i> some Russian refs)	Uzbekistan, vagrant Madge & Burn (M&B) 1988, former breeder & decreasing vagrant Kazakhstan Wassink & Oreel (W&O) 2007
PT	Bean Goose PT	<i>Anser fabalis</i>	Egypt Avib, BE. <b>NB</b> In N Krasnoyarsk Republic (Pyasina River), intergrades of <i>fabalis</i> , <i>middendorffii</i> & <i>serrirostris</i> may comprise above 15% of population; majority of all Krasnoyarsk populations migrate S & E, but a few (mostly in N) migrate W & SW (Rogacheva 1992).
35	Tundra Bean Goose (Bean Goose)	<i>Anser (fabalis) serrirostris</i>	Likely only in W of OSME Region, HBW1. Rare (cited as <i>A. serrirostris</i> ) passage Kazakhstan W&O 2007.
36	Taiga Bean Goose (Western Tundra Bean Goose – Rogacheva 1992) (Bean Goose)	<i>Anser (fabalis) fabalis</i>	Taiga BG form likely Turkmenistan, Uzbekistan in winter or on migration, HBW1, irregular winter Kyrgyzstan Ven 2002, Iran Scott & Adhami 2006 (probably <i>fabalis</i> group), rare passage, winter Kazakhstan W&O 2007. <b>NB</b> Rogacheva 1992 applies 'Taiga' only to <i>middendorffii</i> , <i>serrirostris</i> being 'Eastern Siberian Tundra BG'.
37	Pink-footed Goose	<i>Anser brachyrhynchus</i>	Vagrant Turkey Kirwan <i>et al</i> 1999.
PT	Greylag Goose PT	<i>Anser anser</i>	
38	Western Greylag Goose (Greylag Goose)	<i>Anser anser anser</i>	Breeds in N CA, winters further S, HBW1. Egypt Avib, BE. NB introduced <i>rubrirostris</i> & domestic stock (pink bills) interbreeding may confuse in W OSME Region.
39	Eastern Greylag Goose (Greylag Goose)	<i>Anser anser rubrirostris</i>	Breeds, passage Kazakhstan W&O 2007. Uncommon, irregular winter UAE (UAE Checklist)
40	Greater White-fronted Goose	<i>Anser albifrons</i>	Migrant W CA from W of Yenisey (Rogacheva 1992), winters locally S CA, HBW1, irregular winter Kyrgyzstan Ven 2002. Egypt Avib, BE
41	Lesser White-fronted Goose	<i>Anser erythropus</i>	Migrant in W CA (common Kazakhstan W&O 2007, possibly Kyrgyzstan Ven 2002) from Taymyr (Rogacheva 1992), winters around S Caspian area, HBW1. Likely 3 <sup>rd</sup> record Oman IH pers comm. Egypt Avib, BE
42	Bar-headed Goose	<i>Anser indicus</i> ( <i>Eulabia indica</i> in some Russian references)	Rare vagrant Uzbekistan, Kreuzberg-Mukhina & Kreuzberg (K-M&K 2005), E Afghanistan R&A 2005, Kyrgyzstan, Tadjikistan M&B 1988; rare breeder Kyrgyzstan Ven 2002. Vagrant Kazakhstan W&O 2007. May breed easternmost Wakhan, Afghanistan – map Mackinnon & Phillipps (M&P) 2000.
43	Snow Goose	<i>Chen caerulescens</i>	Vagrant Kazakhstan – G&G 2005, W&O 2007.
44	Brent Goose (Brant Goose) (Dark-bellied Brent Goose)	<i>Branta (bernicla) bernicla</i>	Straggler, vagrant to OSME Region, HBW1. Escape? <b>PT aspect – Dark-bellied (rare passage Kazakhstan W&amp;O 2007), Pale bellied &amp; Black Brant?</b> Egypt Avib, BE
45	Barnacle Goose	<i>Branta leucopsis</i>	Old record (1921) Egypt Goodman & Meininger 1989, vagrant Turkey Kirwan <i>et al</i> 1999. Vagrant Kazakhstan W&O 2007.
46	Red-breasted Goose	<i>Branta ruficollis</i> ( <i>Rufibrenta ruficollis</i> some Russian references)	Common passage W & N Kazakhstan W&O 2007 from main breeding area Krasnoyarsk Republic, Rogacheva 1992. Also Azerbaijan, Aral Sea – HBW1, rare winterer Iran Scott & Adhami 2006. Egypt Avib, BE
47	Mute Swan	<i>Cygnus olor</i>	Local breeder, winterer CA, winters mostly further S, HBW1. Egypt Avib, BE
48	Bewick's Swan (Tundra Swan) (Whistling Swan)	<i>Cygnus (columbianus) bewickii</i>	Migrant (very rare Kyrgyzstan Ven 2002), local winterer CA, mostly S Caspian or in Caspian region, HBW1. Vagrant Saudi Arabia, Meadows & Musalami 2004.
49	Whooper Swan	<i>Cygnus cygnus</i>	Rare breeder Kazakhstan (W&O 2007), (Kyrgyzstan, Ven 2002), winters locally CA, Iran HBW1, Afghanistan R&A 2005.
50	Knob-billed Duck (Comb Duck)	<i>Sarkidiornis melanotos</i>	Drought may drive sporadic occurrences from E Pakistan into OSME Region, HBW1. [Comb Duck is now separated as <i>Sarkidiornis sylvicola</i> ].
51	Egyptian Goose	<i>Alopochen aegyptiaca</i>	African & former SE European (Hagemeijer & Blair 1997) species; sedentary, but droughts drive movements, HBW1. Introduced UAE, Lever 2005. Egypt Avib, BE
52	Common Shelduck	<i>Tadorna tadorna</i>	Breeds, partly resident Turkey, Caucasus, CA, HBW1. Resident Iran, winters Afghanistan R&A 2005, occasionally Oman <i>eg</i> Dec 06 IH pers comm. Egypt Avib, BE
53	Ruddy Shelduck	<i>Tadorna ferruginea</i>	Breeds Caucasus, CA, Iran, Afghanistan (resident where favourable), migrant and winterer further S, HBW1. Common breeding passage migrant and rare resident Kazakhstan W&O 2007. Egypt Avib, BE

54	Cotton Pygmy Goose (Cotton Teal)	<i>Nettapus coromandelianus</i>	Breeds Caucasus, CA, E Afghanistan R&A 2005, winters further S HBW1. Vagrant Iran Scott & Adhami 2006, Jordan Bashford 1997.
55	Cape Teal	<i>Anas capensis</i>	Egypt Avib
56	Gadwall	<i>Anas strepera</i>	Breeds CA, N Iran, N Afghanistan (R&A 2005) winters further S, HBW1. Egypt Avib, BE
57	Falcated Duck (Falcated Teal)	<i>Anas falcata</i>	Vagrant Kazakhstan W&O 2007, Uzbekistan, Turkmenistan KM&K 2005, Turkey Kirwan <i>et al</i> 1999. Some winter Afghanistan R&A 2005. Last recorded Iran before 1950s Scott & Adhami 2006. Reported Oman Dec 06 status uncertain IH pers comm.
58	Eurasian Wigeon	<i>Anas penelope</i>	Breeds NE Kazakhstan, winters locally in N OSME Region, HBW1, also S to Afghanistan R&A 2005. Egypt Avib, BE
59	Mallard	<i>Anas platyrhynchos</i>	Almost ubiquitous breeder N hemisphere, winters in ice-free areas to S; abundant, HBW1. Egypt Avib, BE
60	Feral Duck	<i>Anas platyrhynchos forma domestica</i>	Ubiquitous, abundant, commensal, & little studied or reported; probably has significant effect on genetic identity of <i>A. platyrhynchos</i> & congeners and potentially serious effect on gene pool of many duck species capable (though unlikely otherwise in the wild) of hybridisation. Egypt Avib, BE
PT	Spot-billed Duck	<i>Anas poecilorhynca</i>	<b>NB Separated from Eastern Spot-billed Duck <i>A. (p) zonorhynca</i> (IOC), (qv in Hypothetical List)</b>
61	Indian Spot-billed Duck	<i>Anas (poecilorhynca) poecilorhynca</i>	Vagrant Uzbekistan K-M&K 2005 Introduced (?) Oman, Lever 2005 App B. <b>NB</b> Westernmost breeding populations in westward range expansion up to 1990 at least Rogacheva 1992.
62	Blue-winged Teal	<i>Anas discors</i>	Egypt Avib, BE – NA migrant, escape?
63	Northern Shoveler	<i>Anas clypeata</i>	Breeds Caucasus, N CA (Afghanistan R&A 2005), winters further S, HBW1. Introduced Riyadh, Saudi Arabia, may now be extinct, Lever 2005. Egypt Avib, BE
64	Northern Pintail	<i>Anas acuta</i>	As for <i>A. clypeata</i> , but slightly further N, HBW1. Egypt Avib, BE
65	Garganey	<i>Anas querquedula</i>	Breeds as per <i>A. clypeata</i> , but most winter beyond OSME Region to S, HBW1. Egypt Avib, BE
66	Baikal Teal	<i>Anas formosa</i>	Afghanistan, vagrant, M&B 1988, Vagrant Kazakhstan W&O 2007, Uzbekistan, Kyrgyzstan K-M&K 2005, 95% decrease in western populations 1970-90 (breeds W to Yenisey), possibly due to development of relatively small wintering area in China (Rogacheva 1992).
67	Eurasian Teal (Common Teal)	<i>Anas crecca</i>	Abundant breeder, sometimes resident in N OSME Region, winters extensively further S, HBW1, common passage migrant across E OSME Region SW Siberia to India (Veen <i>et al</i> 2005) (Route?). PT aspect – Eurasian & Green-winged? Egypt Avib, BE
68	Marbled Duck (Marbled Teal)	<i>Marmaronetta angustirostris</i>	Central Asia save Kyrgyzstan- K-M&K 2005. Also Iraq, Afghanistan, HBW1, Iran Scott & Adhami 2006. Vagrant or introduced (?) Oman, Lever 2005 App B. Egypt Avib, BE. Rare migrant Kyrgyzstan, Ven 2002, vagrant (former breeder) Kazakhstan W&O 2007.
69	Red-crested Pochard	<i>Netta rufina</i>	CA, N Iran, N Iraq, Caucasus, moult migration unpredictable, winters Black/Caspian Seas, locally S, SE Afghanistan (R&A 2005) mostly India, M&B 1988. Egypt Avib, BE
70	Southern Pochard	<i>Netta erythrophthalma</i>	African species, wanders to SW Arabia, M&B 1998. Israel, Shirihai 2000.
71	Common Pochard	<i>Aythya ferina</i>	Abundant breeder on latitude of N CA, winters extensively to S, rarer Arabia, M&B 1998. Breeds E Iran, winters SE Afghanistan, India R&A 2005. Egypt Avib, BE
72	Ferruginous Duck	<i>Aythya nyroca</i>	CA HBW1, Afghanistan, Iran; declining in W, winters S Caspian region, head of Gulf, India, M&B 1998. Egypt Avib, BE. Some winter, Kyrgyzstan, Ven 2002. Rare breeder, passage Kazakhstan, N limit uncertain Kazakhstan W&O 2007.
73	Tufted Duck	<i>Aythya fuligula</i>	Breeds in N OSME Region, winters extensively to S, M&B 1998. Egypt Avib, BE
74	Greater Scaup	<i>Aythya marila</i>	Polytypic – <i>marila</i> & <i>nearctica</i> ; latter possible vagrant; breeds Palearctic High Arctic, winters mainly oceans, also Black, Caspian Seas, M&B 1998, E Afghanistan R&A 2005. Egypt Avib, BE. Vagrant Kyrgyzstan, Ven 2002. Scarce non-breeder ( <i>marila</i> ) any season Kazakhstan W&O 2007.
75	King Eider	<i>Somateria spectabilis</i>	Arctic breeder, winters high latitudes. Vagrant Kazakhstan K-M&K 2005; but occurrence this latitude likely misorientation (Berthold 1999).
76	Common Eider	<i>Somateria mollissima</i>	Winter vagrant to Black Sea, W Caucasus, M&B 1998.
77	Velvet Scoter	<i>Melanitta fusca</i>	Collinson <i>et al</i> 2006. Breeds Kazakhstan (rare Kazakhstan W&O 2007), seen Issyk Kul, Kyrgyzstan Ven 2002, winters S Caspian. Vagrant Kuwait, Pilcher & Shehab 1994. Egypt Avib, BE
78	Asian White-winged Scoter (White-winged Scoter) (Formerly Hump-billed Velvet Scoter, <b>Velvet Scoter</b> )	<i>Melanitta (deglandi) stejnegeri</i> (formerly <i>M. (fusca) deglandi</i> )	Collinson <i>et al</i> 2006. IOC. HBW1 <i>M.d. stejnegeri</i> suggested breeds E of Yenisey easternmost Kazakhstan (Collinson <i>et al</i> 2006). Seen Issyk Kul, Kyrgyzstan Ven 2002. Confirmed breeds s Altai, Kazakhstan G&G 2005, W&O 2007 – may reach Caspian, Aral Seas, other CA lakes. <b>NB</b> Disjunct populations possible Krasnoyarsk Republic (Rogacheva 1992 – Khatanga in N, Sayan Mts in S) may have different migration routes & timings.
PT	Black Scoter	<i>Melanitta [nigra] nigra</i>	<b>IOC spilt to Black (<i>nigra</i>) &amp; American (<i>americana</i>), but WP usage of Common (formerly <i>M. n. nigra</i>) retained. <b>NB</b> All scoters are black.</b>
79	Common Scoter [(Black Scoter)]	<i>Melanitta [nigra] nigra</i>	Collinson <i>et al</i> 2006. May breed northernmost Kazakhstan (vagrant Kazakhstan W&O 2007), rare winterer N OSME Region. <i>M. americana</i> is American (or Black) Scoter, HBW1, IOC.
80	Long-tailed Duck (Formerly Oldsquaw, which unacceptable now in USA)	<i>Clangula hyemalis</i>	Arctic breeder; regular overland migration to lakes and seas CA and slightly further S; mostly winters oceans, M&B 1998. Some regularly winter Kyrgyzstan, Ven 2002. Rare passage & visitor Kazakhstan W&O 2007.
81	Common Goldeneye	<i>Bucephala clangula</i>	Taiga hole-nester, widespread breeder in N OSME Region, winters to S, sometimes wanders far, eg Afghanistan, M&B 1988.
82	Smew	<i>Mergellus albellus</i>	Breeds NW Kazakhstan (W&O 2007), winters widely across CA, M&B 1988, Afghanistan R&A 2005. Egypt Avib, BE
83	Goosander (Common Merganser)	<i>Mergus merganser</i>	Breeds N Kazakhstan, Kyrgyzstan, Tadzhikistan, winters extensively in CA waters and further S, M&B 1988, NE Afghanistan R&A 2005. G&G cite <i>comatus</i> present in E Kazakhstan, W&O 2007 cite only <i>merganser</i> . Egypt Avib, BE
84	Red-breasted Merganser	<i>Mergus serrator</i>	Breeds N Kazakhstan, Kyrgyzstan, Tadzhikistan, winters CA waters, M&B 1988, SE Iran coast R&A 2005. Egypt Avib, BE
85	White-headed Duck	<i>Oxyura leucocephala</i>	Breeds CA (also N Iraq, N Iran – rare resident Scott & Adhami 2006), winters to S, even to Afghanistan, HBW1. Egypt Avib, BE.

			Vagrant Kyrgyzstan, Ven 2002. Mostly declining, with local increases Kazakhstan W&O 2007.
		<b>Gaviidae</b>	
86	Red-throated Diver (Red-throated Loon)	<i>Gavia stellata</i>	A few may breed as far S as northernmost Kazakhstan, (Rare passage W&O 2007); wintering populations S Caspian, Black Seas, HBW1. Egypt Avib, BE
87	Black-throated Diver (Arctic, Black-throated Loon)	<i>Gavia arctica</i>	Breeds N Kazakhstan, winters Caspian, Black Seas, HBW1; once bred Issyk Kul, NE Kyrgyzstan, Ven 2002. NB Treated as separate from Pacific Loon <i>G. pacifica</i> .
88	Great Northern Diver (Great Northern, Common Loon)	<i>Gavia immer</i>	Vagrant OSME Region, HBW1.
89	Yellow-billed Diver (Yellow-billed Loon)	<i>Gavia adamsii</i>	Vagrant North Ossetia at 43°15'N, 44°16' E (Kazakov 2004, Komarov 2002a, 2002b)
		<b>Diomedeidae</b>	PT aspect – extent subject to disagreement – this record has insufficient data to distinguish – here we are guided by Tickell 2000.
90	'Tasmanian Shy Albatross' (Shy Albatross)	<i>Thalassarche (cauta) cauta</i>	Identified as sub-adult <i>T.c. cauta</i> (Meeth & Meeth 1988) Sep 86 at 11:50:0.0N+51:35:0.0E (off Cape Guardafui). – WRP Bourne pers comm. In: Meeth & Meeth 1988: one <i>Diomedea c. cauta</i> netted Nov 86 off Mombasa, citing GR Cunningham-van Someren <i>Bull. Brit. Orn Cl.</i> <b>108</b> : 18-19, another 20 Feb 81 seen Gulf of Aqaba found dead 15 days later, citing MC Jennings <i>Saudi Arabia Nat. Hist. Soc J.</i> <b>2(4)</b> :14-17. Claimed Egypt Avib, BE. <b>NB1</b> no consensus on visual separation of ssp <i>cauta</i> (Tasmanian Albatross) from <i>steadii</i> (White-capped), or on status. <b>NB2</b> 'Status of albatross taxa' far from settled, HBW1. English name here taken from the cautionary checklist in App 1 to Tickell 2000, O&S 2007 declining to provide one..
		<b>Procellariidae</b>	
91	Cape Petrel (Formerly Cape Pigeon, Pintado Petrel)	<i>Daption capense</i>	Individuals wander widely above 25°S normal northern Indian Ocean limit, HBW1. All past reports in OSME Region WRP Bourne has deemed inadequate.
92	Atlantic Petrel (Formerly Schlegel's Petrel)	<i>Pterodroma incerta</i>	Indian Ocean current/wind patterns likelier to produce species other than this S Atlantic specialist, HBW1. Rare in Indian Ocean, vagrant Eilat, van der Schot 1989, Onley & Scofield (O&S) 2007, also via WRP Bourne pers comm.
93	Soft-plumaged Petrel	<i>Pterodroma mollis</i>	O&S 2007 settle on 2 ssp, that in Indian Ocean likely <i>P.m. dubia</i> . Immatures thought to wander widely in Indian Ocean, HBW1. Eilat record? – WRP Bourne pers comm.
94	Fea's Petrel	<i>Pterodroma feae</i>	Rare EC Atlantic species, but individuals seem to wander widely except to S, but includes E Mediterranean, HBW1. Israel record (as <i>P. (mollis) feae</i> – Bourne 1983.
PT	Cory's Shearwater	<i>Calonectris diomedea</i>	PT vagrant Iranian waters Scott & Adhami 2006. Several RNBWS reports Gulf of Suez
95	Scopoli's Shearwater (Cory's Shearwater)	<i>Calonectris (diomedea) diomedea</i>	<i>C. edwardsii</i> , Cape Verde Shearwater, split, but this unlikely to occur in OSME Region (BLI 2005). <i>C.d. diomedea</i> regular in small numbers off Egypt's Mediterranean coast, irregular Red Sea coast, Goodman & Meininger 1989. Likely wanders around Mediterranean (Israel, Lebanon), HBW1: N coast Cyprus (Blair, own notes). RNBWS report Little Bitter Lakes Sep 86 at 30:13:0.0N+32:33:0.0E, Red Sea records 1984/5 van den Berg et al 1991.
96	Cory's Shearwater	<i>Calonectris (diomedea) borealis</i>	Essentially Atlantic form, but regular passing into Mediterranean in numbers at Gibraltar, & likely wandering to E Mediterranean, HBW1. Egypt Avib, BE. Documentation?
97	Streaked Shearwater (Formerly White-faced Shearwater)	<i>Calonectris leucomelas</i> (formerly <i>Procellaria leucomelaena</i> )	W Pacific species, but vagrant to OSME Region, HBW1, Eilat & Aqaba O&S 2007. Recorded between India & Sri Lanka 1978 (van den Berg et al 1982a, also 1985 at 8°01'N, 77°17'E van den Berg et al 1991).
98	Wedge-tailed Shearwater	<i>Puffinus pacificus</i>	Regular wanderer N from sub-equatorial breeders in W Indian Ocean, HBW1, Bourne 1991. Off E Iran coast R&A 2005. Egypt Avib, BE
PT	Manx Shearwater PT	<i>Puffinus puffinus</i>	Egypt Avib (Probably pre-split record)
99	Yelkouan Shearwater (Levantine or Mediterranean) Shearwater	<i>Puffinus yelkouan</i>	Resident E Mediterranean, RP pers comm. Egypt Avib, BE. RNBWS report large numbers S Black Sea Jun 59 at 41:0:0.0N+29:0:0.0E
100	Balearic Shearwater	<i>Puffinus mauretanicus</i>	Small & declining population, probably only on a few W Mediterranean islands, HBW1. One record Israel 1982, Shirihai 1996. Egypt Avib
101	Tropical Shearwater (Audubon's Shearwater) (Persian Shearwater)	<i>Puffinus bailloni</i> (formerly <i>P. lherminieri</i> )	Complicated taxonomic history; no overall consensus yet. Atlantic ssp <i>P. lherminieri</i> was separated from Macaronesian <i>P. baroli</i> (?) <i>baroli</i> & <i>P.b</i> (?) <i>boydi</i> . BOU followed Austin et al 2004 <i>Auk</i> <b>121</b> :847-864 (Atlantic only). This suggested Indian Ocean ssp ( <i>bailloni</i> , <i>nicolai</i> , <i>temptator</i> , <i>colstoni</i> ) kept in <i>lherminieri</i> , not in <i>P. assimilis</i> , pro tem. However O&S 2007 confine <i>lherminieri</i> as Audubon's to 3 ssp, all in Atlantic longitudes, leaving <i>P. bailloni</i> ssp <i>bailloni</i> as Tropical Shearwater from the Mascarene Islands, ssp <i>dichrous</i> western breeding range Maldives, Chagos & Aldabra; they also place <i>temptator</i> with the next species – ssp <i>nicolai</i> & <i>colstoni</i> may not be valid. Breeds Laccadives, India, R&A 2005.
102	Persian Shearwater (Arabian Shearwater) (Audubon's Shearwater in some previous treatments)	<i>Puffinus persicus</i> (formerly <i>P. lherminieri persicus</i> )	Oman, Socotra. BLI 2005; breeds Kuria Muria Islands. E Iran coast R&A 2005. Austin et al 2004 revision, but O&S 2007 suggest ssp <i>persicus</i> in Arabian Sea and <i>temptator</i> around Comoros. Rare Dec record Oman IH pers comm 06.
103	Little Shearwater	<i>Puffinus assimilis</i>	BOU cites Austin et al 2004 <i>Auk</i> <b>121</b> :847-864. <i>P.a. tunneyi</i> & <i>elegans</i> wander into Indian Ocean. Suggested very unlikely, WRP Bourne pers comm.
104	Sooty Shearwater	<i>Puffinus griseus</i>	Regular in numbers in all oceans bar Indian Ocean, but present there in small numbers year-round, HBW1, Gulf of Oman S Aspinall pers obs. Egypt Avib, BE
105	Flesh-footed Shearwater (Pale-footed Shearwater)	<i>Puffinus carneipes</i>	Regular off S Arabia, HBW1. Off E Iran coast R&A 2005. Dec 06 report Oman IH pers comm.
106	Great Shearwater	<i>Puffinus gravis</i>	Although Atlantic species, regular vagrant into Indian Ocean, HBW1.
107	Jouanin's Petrel	<i>Bulweria fallax</i>	Breeds Socotra, Taleb, 2002. Many examples of attribution to other spp before ID standards improved and status established –

			WRP Bourne pers comm citing reviews of many reports eg in <i>Sea Swallow</i> .
		<b>Hydrobatidae</b>	
108	Wilson's Storm Petrel	<i>Oceanites oceanicus</i>	Ubiquitous ocean wanderer, HBW1. Off E Iran coast R&A 2005. Egypt Avib, BE. Heavy passage Sri Lanka Sep (van den Berg <i>et al</i> 1982b) possibly associated.
109	White-faced Storm Petrel (Frigate Petrel)	<i>Pelagodroma marina</i>	Regular off S Arabia, HBW1.
110	White-bellied Storm Petrel	<i>Fregetta grallaria</i>	Rare vagrant to S OSME Region coasts, HBW1. <b>NB</b> Visual separation of this sp from white-bellied individuals of the next sp – Bourne 2000.
111	Black-bellied Storm Petrel	<i>Fregetta tropica</i>	Regular off S Arabia, HBW1. Many earlier records attributed to other spp likely this species, WRP Bourne pers comm.
112	European Storm Petrel	<i>Hydrobates pelagicus</i>	Regular in E Mediterranean, HBW1. Egypt Avib, BE
113	Band-rumped Storm Petrel (Madeiran or Harcourt's Petrel)	<i>Oceanodroma castro</i>	Wanderer to E Mediterranean, possibly also to S Arabian coasts, HBW1.
114	Swinhoe's Storm Petrel	<i>Oceanodroma monorhis</i>	Oman small numbers Gulf & S coast mainly Aug-Nov (IH <i>in litt</i> ). Atlantic wanderers also possible E Mediterranean, HBW1.
115	Leach's Storm Petrel	<i>Oceanodroma leucorhoa</i>	Wanderer to E Mediterranean, HBW1; few records Egypt's Mediterranean coast Goodman & Meininger 1989. UAE, Indian Ocean Laphorne <i>et al</i> 1970. Egypt Avib, BE
		<b>Podicipedidae</b>	
116	Little Grebe (Dabchick)	<i>Tachybaptus ruficollis</i>	Breeds most of N OSME Region, resident in much of Asia Minor to Iran, HBW1, Afghanistan, R&A (R&A) 2005. Egypt Avib, BE
117	Red-necked Grebe	<i>Podiceps grisegena</i>	Breeds much of N OSME Region, dispersive winter, incl Iran, also ice-free inland waters, especially larger bodies, HBW1. Egypt Avib, BE
118	Great Crested Grebe	<i>Podiceps cristatus</i>	Breeds N OSME Region, winters much of mid-Region, southern Africa, HBW1, also India R&A 2005. Egypt Avib, BE
119	Horned Grebe (Slavonian Grebe)	<i>Podiceps auritus</i>	Breeds N Kazakhstan (rare W&O 2007), winters further S (Caspian), but many probably W to Black Sea & beyond, HBW1, including W Afghanistan R&A 2005. Widespread breeder Kyrgyzstan, winters partly Issyk Kul (NE), Ven 2002.
120	Black-necked Grebe	<i>Podiceps nigricollis</i>	Breeds N OSME Region, winters mid-Region, Gulf, HBW1, & Kyrgyzstan, Ven 2002. Egypt Avib, BE
		<b>Phoenicopteridae</b>	RNBWS record of dead flamingo sp Socotra Mar 62.
121	Greater Flamingo	<i>Phoenicopterus roseus</i> (formerly <i>P. ruber roseus</i> )	Breeds Turkey, locally N CA S to Iran Scott & Adhami 2006, (Afghanistan R&A 2005), migrant Kyrgyzstan (Ven 2002), winters warm coasts OSME Region, migrates across Region, HBW1. Egypt Avib, BE
122	Lesser Flamingo	<i>Phoeniconaias minor</i> (formerly <i>Phoenicopterus minor</i> )	Local breeder Rift Valley, (isolated population NW India/Pakistan) winters dispersed widely, S Red Sea, Oman, UAE, wanderer, sometimes large irregular movements, HBW1. Egypt Avib, BE
		<b>Ciconiidae</b>	
123	Yellow-billed Stork	<i>Mycteria ibis</i>	Widespread resident African species (HBW1), occasional Egypt Goodman & Meininger 1989, has reached Arabia. Rare Israel, vagrant S Turkey. Qatar, Hellyer 2000. Egypt Avib, BE. RNBWS report one shipboard SE of Aden Sep 74 at 11:30:0.0N+46:0:0.0E
124	Black Stork	<i>Ciconia nigra</i>	Breeds Caucasus, CA, (N Iran? – rare summer resident Iran Scott & Adhami 2006), scarce winter Arabia, mostly sub-Saharan Africa, India, also SE Iran, migrates across OSME Region, HBW1, vagrant Oman IH pers comm. Egypt Avib, BE
125	Abdim's Stork	<i>Ciconia abdimii</i>	African species, population SW Arabia, winters E Africa below equator, HBW, vagrant Oman (IH pers comm).
126	Woolly-necked Stork	<i>Ciconia episcopus</i>	Vagrant to Iran, but not since 1950s Scott & Adhami 2006 <i>contra</i> SE Iran R&A 2005: Indian & sub-Saharan resident populations, HBW1.
PT	White Stork PT	<i>Ciconia ciconia</i>	Likely many records (eg Scott & Adhami 2006) still do not separate <i>ciconia</i> and <i>asiatica</i> ; urgent need for scrupulous observations.
127	Western White Stork (White Stork)	<i>Ciconia (ciconia) ciconia</i>	C & E Europe, Caucasus, Turkey, winters sub-Saharan Africa, funnel migration (see Berthold 1999) Levant, HBW1. Egypt Avib, BE
128	Eastern White Stork (White Stork)	<i>Ciconia (ciconia) asiatica</i> (=C. <i>ciconia asiatica</i> )	Turkmenistan. Tadjikistan, SE Kazakhstan (S Kazakhstan W&O 2007), winters S Iran, Pakistan, India, HBW1. Likely this form scarce breeder E of Ferghana, Kyrgyzstan, Ven 2002 - also mapped wintering Afghanistan R&A 2005. <b>NB</b> Oriental Stork C. <i>boyciana</i> separated.
129	Marabou Stork	<i>Leptoptilos crumeniferus</i>	African species, partly commensal scavenger, vagrant Israel, HBW1. Yemen, al-Safadi 1990.
		<b>Threskiornithidae</b>	
130	Sacred Ibis	<i>Threskiornis aethiopicus</i>	Resident, water-nomadic African species, with population SE Iraq, wintering Iran, recorded Kuwait, Yemen, HBW1, introduced Bahrain & breeding Jennings 2007b. Introduced UAE, Lever 2005. Formerly Egypt Avib, BE
131	Northern Bald Ibis (Formerly Waldrapp)	<i>Geronticus eremita</i>	Once wild colony in Turkey now semi-captive, tiny population Syria, now satellite-tracked to an Ethiopian wintering site; NW African 'stronghold', HBW1. Formerly Egypt Avib, BE
132	Glossy Ibis	<i>Plegadis falcinellus</i>	Breeds Caucasus, CA, W Kazakhstan W&O 2007, (N Iran? –summer resident Scott & Adhami 2006), winters Iran, Afghanistan, notoriously nomadic, HBW1. UAE vagrant and naturalised; C. Richardson pers comm.
133	Eurasian Spoonbill	<i>Platalea leucorodia</i>	Breeds W Red Sea coasts and islands, N CA S to Iran Scott & Adhami 2006, winters Iran, N Red Sea, nomadic, migrates through OSME Region to India, HBW1. Egypt Avib, BE
134	African Spoonbill	<i>Platalea alba</i>	African species, nomadic, vagrant Oman, may breed S Yemen, HBW1. Al-Saghier & Porter 1997a. Egypt Avib, BE
		<b>Ardeidae</b>	
135	Eurasian Bittern (Bittern)	<i>Botaurus stellaris</i>	Breeds locally Caucasus, CA (rare resident Iran Scott & Adhami 2006), winters S Caspian & suitable locations to S, HBW1, including Afghanistan R&A 2005. Egypt Avib, BE
136	Little Bittern	<i>Ixobrychus minutus</i>	Breeds Caucasus, CA, Iran (Afghanistan R&A 2005), migrants expected en route to India, HBW1. Egypt Avib, BE
137	Yellow Bittern	<i>Ixobrychus sinensis</i>	Indian & SE Asian species, occasionally wanders W, following water availability, HBW1. Eriksen & Eriksen 1999. Reported Socotra 2006, Jennings 2007b.

138	von Schrenk's Bittern	<i>Ixobrychus eurhythmus</i>	Egypt Avib
139	Cinnamon Bittern (Formerly Chestnut Bittern)	<i>Ixobrychus cinnamomeus</i>	One Oman record, Simon Aspinall pers comm. Indian & SE Asian species, occasionally wanders W, following water availability, HBW1.
140	Black Bittern	<i>Dupetor flavicollis</i>	One isolated record from the bay marking the S end of the Iran-Pakistan border; see map R&A 2005.
141	Black-crowned Night Heron (Formerly Night Heron)	<i>Nycticorax nycticorax</i>	Breeds Caucasus, CA, Iraq, N Iran, (Afghanistan R&A 2005), breeds N Kyrgyzstan, Ven 2002, widely dispersive, winters Africa, including Red Sea, HBW1. Egypt Avib, BE
142	Striated Heron [Green-backed Heron, Little Green Heron]	<i>Butorides striata</i>	Resident Red Sea, post-breeding dispersal, HBW1. Birds in Gulf in winter may be from large Indian population; see R&A 2005. Egypt Avib, BE
143	Squacco Heron	<i>Ardeola ralloides</i>	Breeds locally CA, W Kazakhstan W&O 2007, (suspected occurs W Kyrgyzstan Ven 2002), locally Iran, Iraq, Afghanistan (? Probably R&A 2005), winters N Gulf, Africa, HBW1. Egypt Avib, BE
144	Indian Pond Heron	<i>Ardeola grayii</i>	Resident S Iran; follows water availability, occurred Oman S Arabia, HBW1.
144	Chinese Pond Heron	<i>Ardeola bacchus</i>	One record in Kyrgyzstan, G&G 2005.
146	Malagasy Pond Heron (Formerly Madagascar Pond Heron)	<i>Ardeola idae</i>	Despite breeding Madagascar & wintering in E Africa N only to equator (HBW1), has reached Arabia.
PT	Cattle Egret PT	<i>Bubulcus ibis</i>	Easternmost older records may include <i>coromandus</i> .
147	Cattle Egret	<i>Bubulcus (ibis) ibis</i>	Resident W Caspian, W Kazakhstan W&O 2007, very locally in CA, some Iraq, SW Iran, but wanders; spreads commensally where livestock farmed, HBW1. Breeding UAE, Aspinall 2007. Egypt Avib, BE
148	Indian Cattle Egret (Cattle Egret)	<i>Bubulcus (ibis) coromandus (=B. ibis coromandus)</i>	Not an IOC split. Breeds W to Pakistan-Afghanistan border. Lack of records perhaps due to lack of awareness of split & ID differences; see R&A 2005 Vol 2 p58. Reported Oman Jun 06 and Mar 2007 (as <i>B.i. coromandus</i> ).
149	Grey Heron	<i>Ardea cinerea</i>	Colonial; widespread, sometimes local breeder N OSME Region, also Iran, Afghanistan (R&A 2005) winters commonly further S, HBW1. Egypt Avib, BE
150	Black-headed Heron	<i>Ardea melanocephala</i>	African species, wanders to SW Arabia, HBW1, flock of 19 reported 2005 Hodeidah, Saudi Arabia Jennings 2007b. Egypt Avib
151	Goliath Heron	<i>Ardea goliath</i>	African species, with population in SW Arabia; drought-driven nomadism Also breeds S Iraq, Iran, HBW1. Egypt Avib, BE
152	Purple Heron	<i>Ardea purpurea</i>	Widespread local breeder N & mid-Region, winters mid-Gulf mostly Africa; some resident S Iraq/Iran, HBW1, some winter Afghanistan R&A 2005. Egypt Avib, BE
153	Great Egret (Great White Egret)	<i>Ardea alba (formerly Egretta alba)</i>	Widespread local breeder N & mid-Region, winters Iran, Gulf but mostly Africa, HBW1, occasional breeder commoner winterer Kyrgyzstan, Ven 2002, resident Afghanistan R&A 2005. Egypt Avib, BE. <b>Need for PT re <i>modestus</i> as Eastern Great Egret?</b>
154	Intermediate Egret (Yellow-billed Egret)	<i>Egretta intermedia (some place in genus Mesophoyx)</i>	Accidental CA and elsewhere in Region, HBW1. <b>NB</b> Many egret spp have yellow bills, hence retention of older English name.
155	Black Heron (Black Egret)	<i>Egretta ardesiaca</i>	Although sedentary African species, has occurred Arabia, HBW1. Al-Saghier & Porter 1997b. Egypt Avib, BE
156	Little Egret	<i>Egretta garzetta</i>	Breeds locally CA, winters Gulf, resident populations round Arabian coasts, HBW1, resident Afghanistan R&A 2005. Egypt Avib, BE
157	Western Reef Heron (Formerly Reef Egret)	<i>Egretta gularis</i>	Dark morphs occur; breeds mainly Red Sea, S Arabia and Gulf, but also Iraq, HBW1 ( <i>schistacea</i> ), breeds E Iran coast R&A 2005. Egypt Avib, BE
		<b>Phaethonitidae</b>	
158	Red-billed Tropicbird	<i>Phaethon aethereus</i>	Breeds Gulf (including Iraq) Red Sea, S Arabia, HBW1. Off E Iran coast R&A 2005. Other 2 <i>Phaethon</i> sp not unlikely wanderers. Egypt Avib, BE
159	Red-tailed Tropicbird	<i>Phaethon rubricauda</i>	Ranges deep into the Arabian Sea, Nelson 2005, Schreiber & Schreiber 1993. Vagrant at 13:53:0.0N+42:52:0.0E Dec 60 RNBWS report
160	White-tailed Tropicbird	<i>Phaethon lepturus</i>	Accidental once, at 10:0:0.0N+60:42:0.0E Jan 88 & one just E of Region at 20:30:0.0N+64:0:0.0E Nov 89 (RNBWS reports). <b>One record 9°51'N, 66°44'E van den Berg et al/1991, just S&amp;E of OSME Region.</b>
		<b>Fregatidae</b>	
161	Great Frigatebird	<i>Fregata minor</i>	Breeds S Indian Ocean, Immatures, non-breeders wander widely, HBW1. Vagrant Oman, first recorded 1982 IH in press.
162	Lesser Frigatebird	<i>Fregata ariel</i>	Breeds W & S Indian Ocean, Immatures, non-breeders wander widely, HBW1. RNBWS report Jan 55 Trucial coast at 24:30:0.0N+53:0:0.0E
		<b>Scopidae</b>	
163	Hamerkop	<i>Scopus umbretta</i>	SE Red Sea hinterland Saudi, SW Yemen, HBW1.
		<b>Pelecanidae</b>	
164	Great White Pelican (White Pelican)	<i>Pelecanus onocrotalus</i>	Breeds locally & decreasingly Kazakhstan (W&O 2007), Uzbekistan Turkmenistan, Iran, Turkey, probably Iraq (Nelson 2005), rare migrant Kyrgyzstan, Ven 2002, winters SW SE Iran, N Gulf, Red Sea, Africa, HBW1, likely W Afghanistan R&A 2005. Egypt Avib, BE
165	Pink-backed Pelican	<i>Pelecanus rufescens</i>	Mainly African resident; small populations off Yemeni Red Sea coast & just N of SW Arabia on Red Sea coast, HBW1, Nelson 2005. Egypt Avib, BE
166	Dalmatian Pelican	<i>Pelecanus crispus</i>	Breeds locally Kazakhstan, Uzbekistan, Turkmenistan, Turkey (Nelson 2005), rare migrant Kyrgyzstan, Ven 2002, rare resident Iran Scott & Adhami 2006, winters locally further S, SE Iraq E to China coast, HBW1, probably breeds W Afghanistan R&A 2005. 1 <sup>st</sup> record Oman 2005 IH in press. Egypt Avib, BE
		<b>Sulidae</b>	
167	Northern Gannet	<i>Morus bassanus</i>	Occasional E Mediterranean coasts, HBW1. Egypt Avib, BE

168	Cape Gannet	<i>Morus capensis</i>	Vagrant to S OSME Region coasts, HBW1. Eriksen 2004.
16	Masked Booby	<i>Sula dactylatra</i>	Breeds off S Arabian coast, Red Sea, recorded year-round in S OSME Region waters, HBW1.
170	Red-footed Booby	<i>Sula sula</i>	Juveniles or long-range foragers likely off S Arabian coast, HBW1. Possible RNBWS record Jan 90 at 15:30:0.0N+41:42:0.0E. 2 other RNBWS reports (Sep 98 & Jan 99) just E of 61:24:00 and 1 to S (Mar64).
171	Brown Booby	<i>Sula leucogaster</i>	Red Sea, SW Arabian coast most likely, but not unexpected along warm coasts of OSME Region, HBW1. Egypt Avib, BE
		<b>Phalacrocoracidae</b>	
172	Reed Cormorant (Formerly Long-tailed Cormorant)	<i>Phalacrocorax africanus</i>	African species, wanders to SW Arabia, HBW1
173	Pygmy Cormorant	<i>Phalacrocorax pygmeus</i>	Scarce resident mid-CA, breeds also Turkey, Iran (Nelson 2005), migrant & likely scarce breeder N Kyrgyzstan Ven 2002, S Kazakhstan W&O 2007, winters more widely, largely within OSME Region, HBW1, including Afghanistan R&A 2005. Egypt Avib, BE
174	Great Cormorant	<i>Phalacrocorax carbo</i>	Breeds locally N OSME Region, scarce resident Iran Scott & Adhami 2006, winters to S, including Gulf, N Red Sea coast, HBW1; breeds W Tien Shan & N Kyrgyzstan, Ven 2002. Egypt Avib, BE
175	Socotra Cormorant	<i>Leucocarbo nigrogularis</i> (formerly <i>Phalacrocorax nigrogularis</i> )	SW Arabian waters, Socotra, breeds Gulf (27 300bp reported Hawar, Bahrain Jennings 2007b), probably Iran coast, HBW1, confirmed scarce resident Iran Scott & Adhami 2006.
176	European Shag	<i>Leucocarbo aristotelis</i> (formerly <i>Phalacrocorax aristotelis</i> )	E Mediterranean, W Turkey (Nelson 2005), Black Sea, HBW1. Colony recently found in S Russia G&G 2003. Egypt Avib, BE
		<b>Anhingidae</b>	
PT	African Darter PT	<i>Anhinga rufa</i>	Present taxonomy conservative – only other sp New World, <i>Anhinga A. anhinga</i> – many records, eg Iran Scott & Adhami 2006, use previous taxonomy.
177	Darter (African Darter)	<i>Anhinga (rufa) melanogaster</i> (=A. <i>rufa melanogaster</i> )	Iraq, BWP1, HBW2. Extirpated Amik Gölu in Turkey 1950s after drainage, HBW2. <i>A. m. rufa</i> sole ssp in Region, Nelson 2005. PT aspect not entirely clear. Have Asian ssp <i>melanogaster</i> , <i>novahollandiae</i> reached OSME Region, or W Madagascan <i>vulsini</i> ? Egypt Avib, BE
		<b>Falconidae</b>	
178	Lesser Kestrel	<i>Falco naumanni</i>	Colonial, breeds widely N OSME Region (rare breeder Afghan Pamirs Argandeval 1983), including Iran Scott & Adhami 2006, few resident, some winter S of Region, most to Africa, easternmost OSME populations may winter in India, Naoroji 2006.; declining, Ferguson-Lees & Christie (F-L&C) 2001. Egypt Avib, BE
179	Common Kestrel	<i>Falco tinnunculus</i>	Resident in much of OSME Region, migratory in N, FL&C 2001. Resident & winterer Afghanistan Argandeval 1983. Egypt Avib, BE
180	Red-headed Falcon (Red-necked Falcon) (Red-headed Merlin)	<i>Falco chicquera</i>	<b>NB</b> recent split (not yet IOC) to <i>F. horsbrughii</i> , Red-necked Falcon, Africa by F-L&C (2005), hence reversion here to previous English, non-IOC name. Possibly occurred SE Iran since Zarudny (1911), but no records since 1950s Scott & Adhami 2006, (Afghanistan?) R&A 2005, mapped to Afghan border Grimmett <i>et al</i> 1998, rare Pakistani side of Khyber pass Naoroji 2006.
181	Red-footed Falcon (Briefly Western Red-footed Falcon)	<i>Falco vespertinus</i>	Breeds N Caucasus, N Caspian, N Kazakhstan, migrant to southern Africa, F-L&C 2001, vagrant Kyrgyzstan, scarce migrant (?), Ven 2002, possibly Afghanistan R&A 2005 (accidental or on passage Dasht-e-Navar Mts Afghanistan Argandeval 1983), reported (1 <sup>st</sup> ) UAE Oct 06, vagrant Iran Scott & Adhami 2006. Egypt Avib, BE.
182	Amur Falcon (Briefly Eastern Red-footed Falcon)	<i>Falco amurensis</i>	Migrates 11000km from E China to southern Africa, occurs OSME Region although most cross Indian Ocean, F-L&C 2001. Reported Dec 06 Oman IH pers comm & UAE PH pers comm.
183	Eleonora's Falcon	<i>Falco eleonora</i>	Migrates Oct-Nov from W Mediterranean mostly to Madagascar (juveniles 2 weeks after fledging) via Suez (Israel) & Red Sea, F-L&C 2001. Egypt Avib, BE
184	Sooty Falcon	<i>Falco concolor</i>	Related to <i>F. eleonora</i> , breeds Suez, Red Sea, Oman, Gulf, scarce breeders Iran Scott & Adhami 2006, W Pakistan coast Naoroji 2006, 450+ birds Arabia Jennings 2007a, migrates Oct, wintering Madagascar, Angola, F-L&C 2001. Egypt Avib, BE
185	Merlin	<i>Falco columbarius</i>	Holarctic taiga breeder, N Kazakhstan, widespread resident Kyrgyzstan, Ven 2002, winters mid-OSME Region to Pakistan, rare in India Naoroji 2006, wanders widely, F-L&C 2001, winterer Afghanistan R&A 2005, common winterer Afghan Pamirs Argandeval 1983. Egypt Avib, BE
186	Eurasian Hobby (Northern Hobby)	<i>Falco subbuteo</i>	Breeds N Eurasia, N OSME Region, Iran, Levant, Afghanistan (R&A 2005) (common winterer, may breed Kabul Region Argandeval 1983) E as far as Bhutan Naoroji 2006, winters southern Africa, F-L&C 2001. Egypt Avib, BE
187	Lanner Falcon	<i>Falco biarmicus</i>	Scattered populations Turkey, Middle East, Caucasus, N Iraq, F-L&C 2005, scarce resident Iran Scott & Adhami 2006. Egypt Avib, BE
188	Laggar Falcon	<i>Falco jugger</i>	S Tadjikistan, NE Afghanistan R&A 2005 (Nuristan Argandeval 1983). Afghanistan & (formerly?) some other CA countries, F-L&C (2005), extralimital Indian subcontinent Naoroji 2006; possibly vagrant Kyrgyzstan, Ven 2002. Iran once, Misonne 1976.
PT	Saker Falcon PT	<i>Falco cherrug</i>	Rare in winter Oman eg Dec 06 IH pers comm.
189	Saker Falcon	<i>Falco cherrug</i>	<i>F. c coatsi</i> Turkmenistan, Bukreev 1997. CA, Caucasus, Afghanistan (mostly winterers of <i>F. c. cherrug</i> ) F-L&C (2005), scarce, widespread breeder, protection poorly enforced Kyrgyzstan, Ven 2002, scarce resident Iran Scott & Adhami 2006. <b>NB</b> cline <i>cherrug/milvipes</i> intergrades C Kazakhstan W&O 2007.
190	'Eastern Saker Falcon' (Saker Falcon)	<i>Falco cherrug milvipes</i>	Breeds NW Afghanistan (Pamirs Argandeval 1983), E Kazakhstan W&O 2007, R&A 2005. Egypt Avib, BE. NB Separability of <i>cherrug</i> & <i>milvipes</i> bedevilled by gradual cline of plumage change from brown (west) to barred russet-brown & grey (east), highly variable populations in between, and variable individuals within, W&O 2007.
191	Altai Falcon (Altai Gyrfalcon) (Saker Falcon or Gyrfalcon? See Notes)	' <i>Falco altaicus</i> '	Treated here as an imprecisely-known and possibly undefinable taxon; known to be related to <i>F. cherrug</i> & <i>F. rusticolus</i> . E Kazakhstan, E Tadjikistan, F-L&C (2005), breeds Sayan Mts Rogacheva 1992. G&G 2005 treat as sp, but W&O properly more

			cautious.
192	Gyrfalcon	<i>Falco rusticolus</i>	N Kazakhstan F-L&C (2005) but only as vagrant by W&O 2007, vagrant N Kyrgyzstan, Ven 2002, rare winter visitor G&G 2005, possibly NE Afghanistan R&A 2005, accidental or rare Afghan Pamirs Argandeval 1983.
<b>PT</b>	<b>Peregrine Falcon PT</b>	<i>Falco peregrinus</i>	<b>PT includes <i>pelegrinoides pro tem</i> due to unclear status of this taxon</b>
193	Peregrine Falcon	<i>Falco peregrinus</i>	<i>F.p. brookei</i> Turkmenistan, Bukreev 1997. Scarce in most CA ( <i>calidus</i> & <i>peregrinus</i> breeding Kazakhstan W&O 2007), may breed Iran, but winterer, passage migrant Scott & Adhami 2006, Afghanistan (likely ssp <i>calidus</i> in winter R&A 2005) F-L&C (2005), migrant & rare winterer Kyrgyzstan, Ven 2002, winterer ( <i>calidus</i> ) Indian subcontinent Naoroji 2006. Egypt Avib, BE. <b>NB</b> all Peregrine taxa probably recently diverged from common ancestral population (Naoroji 2006). Argandeval 1983 gives PT as breeding Nuristan (Aghanistan).
194	'Red-capped Falcon' ('Red-naped Shaheen') {Peregrine or Barbary Falcon? See Notes}	<i>Falco peregrinus</i> ( <i>F. pelegrinoides</i> ?) <i>babylonicus</i>	Molecular data give weight to <i>babylonicus</i> as ssp of <i>peregrinus</i> , but differentiation of many taxa less than clear Wink <i>et al</i> 2000. Probably this taxon in easternmost CA, breeds Afghanistan, resident SE Afghanistan F-L&C (2005), NW Pakistan Naoroji 2006. Confused taxonomic attribution of <i>babylonicus</i> to <i>F. peregrinus</i> or <i>F. pelegrinoides</i> , including superspecies to include all these taxa (summarised well by Naoroji 2006, who notes <i>F.p. peregrinator</i> (Shaheen) sedentary resident India, NE Pakistan, <b>which ssp</b> unlikely vagrant OSME Region.)
195	Barbary Falcon	<i>Falco pelegrinoides</i>	Good, but not all-encompassing case for treating <i>pelegrinoides</i> & <i>babylonicus</i> as allospecies within <i>peregrinus</i> superspecies Wink <i>et al</i> 2000 (see Naoroji 2006). <i>F.pel. babylonicus</i> resident Turkmenistan, Bukreev 1997, Kazakhstan G&G 2005, W&O 2007. CA K-M&K 2005; scarce resident N & SW Kyrgyzstan, Ven 2002, resident Iran Scott & Adhami 2006. Also Afghanistan F-L&C (2005). Egypt Avib, BE
		<b>Accipitridae</b>	
196	Osprey	<i>Pandion haliaetus</i>	Breeds Kazakhstan, locally elsewhere in OSME Region, winters southern Africa, NE Afghanistan (R&A 2005), Indian subcontinent Naoroji 2006; resident coasts Red Sea, S Arabia (800+ birds Arabia Jennings 2007a), Gulf, F-L&C 2001. Egypt Avib, BE
197	European Honey Buzzard (Formerly Western Honey-buzzard)	<i>Pernis apivorus</i>	Breeds, N Kazakhstan (rare W&O 2007), NW Turkey, Caucasus, N Iran (scarce Scott & Adhami 2006), migrant Kyrgyzstan Ven 2002 Kabul Region Afghanistan Argandeval 1983, winters southern Africa, although some seen at any month, F-L&C 2001. Egypt Avib, BE
198	Crested Honey Buzzard (Formerly Oriental or Eastern Honey Buzzard)	<i>Pernis ptilorhyncus</i>	Wanderers likely; migration from E Kazakhstan (Scarce W&O 2007), Kyrgyzstan, Tadjikistan, F-L&C (2005); vagrant Turkey Kirwan <i>et al</i> 1999, uncommon (under-reported?) migrant Kyrgyzstan, Ven 2002. Scarce winter Iran Scott & Adhami 2006. Egypt Avib, BE. <b>NB</b> Resident India ( <i>ruficollis</i> ) Naoroji 2006.
199	Black-winged Kite [Black-shouldered Kite]	<i>Elanus caeruleus</i>	Also Afghanistan, F-L&C (2005), NE Afghanistan R&A 2005, numerous breeder Afghan Pamirs Argandeval 1983. Iraq, Salim 2002. May breed, possibly resident Iran Scott & Adhami 2006, a few Arabia Jennings 2007a. Egypt Avib, BE. <b>NB</b> Resident India ( <i>vociferus</i> ) Naoroji 2006. 2 RNBWS reports, Gulf of Aden Aug 88 at 12:40:0.0N+51:0:0.0E & Suez Feb 91 at 30:30:0.0N+32:20:0.0E
200	Scissor-tailed Kite (Formerly African Swallow-tailed Kite)	<i>Chelictinia riocourii</i>	African species. Vagrant S Yemen.
201	Red Kite	<i>Milvus milvus</i>	Best regarded as former vagrant to Iraq, F-L&C (2005). Persistent poorly-documented sightings Afghanistan R&A 2005. Winter vagrancy Iran (Scott & Adhami 2006) needs confirmation of elimination of <i>M. lineatus</i> (qv). Egypt Avib, BE
<b>PT</b>	<b>Black Kite PT</b>	<i>Milvus migrans</i>	<b>Both old and current records in appropriate locations may include <i>lineatus</i> under <i>migrans</i>.</b>
202	Black Kite	<i>Milvus (migrans) migrans</i>	IOC does not follow splits. Separated from Black-eared Kite <i>M. lineatus</i> (qv). Breeds Caucasus, CA (not Kazakhstan W&O 2007 – no evidence or credible sightings. Note also no hybrid <i>migrans/lineatus</i> found despite searches since 2000), Arabia, Iran, Afghanistan, winters to S, India, sub-Saharan Africa, F-L&C 2005. Egypt Avib, BE
203	Yellow-billed Kite (Black Kite)	<i>Milvus (migrans) aegyptius</i> (formerly <i>M. migrans aegyptius</i> )	Egypt, S Red Sea, S Arabia, F-L&C 2005. Egypt BE
204	Black-eared Kite (Black Kite)	<i>Milvus (migrans) lineatus</i> (formerly <i>M. migrans lineatus</i> )	Turkmenistan (Bukreev 1997) as <i>M. migrans lineatus</i> . As full species, F-L&C 2005, rare to common breeder Kazakhstan W&O 2007 (no intergrades with <i>M. migrans</i> found in NW), Tadjikistan, Kyrgyzstan, E Afghanistan; breeds N Kyrgyzstan, large-scale migration, Ven 2002. Scarce passage, winter visitor UAE (Simon Aspinall pers comm), commonly so India Naoroji 2006.
205	Brahminy Kite	<i>Haliaeetus indus</i>	Probably breeds SE Afghanistan on Pakistani NW Frontier (ssp <i>indus</i> Naoroji 2006); wanders, F-L&C (2005).
206	African Fish Eagle	<i>Haliaeetus vocifer</i>	Egypt Avib, BE
207	Pallas's Fish Eagle (Pallas's Sea Eagle)	<i>Haliaeetus leucoryphus</i>	Formerly (1950s) bred Kazakhstan W&O 2007, now vagrant, resident certainly Uzbekistan and Tadjikistan, F-L&C (2005), also locally Afghanistan R&A 2005, but (formerly [?]) common breeder Afghan Pamirs Argandeval 1983; few modern records Kyrgyzstan, Ven 2002. Scarce winterer Iran Scott & Adhami 2006. RNBWS report Apr 79 Jebel Dhanna at 24:10:0.0N+52:35:0.0E
208	White-tailed Eagle (Formerly White-tailed Fish or Sea Eagle)	<i>Haliaeetus albicilla</i>	Rare, quite widespread breeder Kazakhstan W&O 2007, likely also Tadjikistan, Kyrgyzstan, F-L&C (2005); former Kyrgyzstan breeder, but common winterer, Ven 2002; in winter Afghanistan R&A 2005, on passage Kabul Region Argandeval 1983, also reaching Indian subcontinent Naoroji 2006. Rare breeder, common winterer Iran Scott & Adhami 2006. Egypt Avib, BE
209	Lammergeier (Bearded Vulture)	<i>Gypaetus barbatus</i>	<i>G.b. aureus</i> & <i>hemechalanus</i> Turkmenistan, Bukreev 1997. CA, Afghanistan (resident Argandeval 1983), Iran, F-L&C (2005); resident Kyrgyzstan, Ven 2002, rarer resident SE Kazakhstan W&O 2007, extralimital montane Indian subcontinent Naoroji 2006. Egypt Avib, BE. RNBWS report of pair Bandar Abbas Nov 77 at 27:11:0.0N+56:17:0.0E. <b>English name used here iconic.</b>
210	Egyptian Vulture	<i>Neophron percnopterus</i>	Scarce to rare CA, Iran, F-L&C (2005), SE Kazakhstan W&O 2007, commoner Afghanistan Argandeval 1983; sometimes overwinters Kyrgyzstan, Ven 2002, extralimital Indian subcontinent Naoroji 2006. Egypt Avib, BE.
211	Hooded Vulture	<i>Necrosyrtes monachus</i>	African sp. RNBWS record of bird on 01 Sep 59 settling on board ship at approx 20:0:0.0N+38:0:0.0E (centreline of Red Sea).

212	White-rumped Vulture (Formerly Indian White-backed Vulture)	<i>Gyps bengalensis</i>	SE Iran (may breed or be rare resident Scott & Adhami 2006), S Afghanistan, F-L&C 2005, C Afghanistan R&A 2005, Argandeval 1983. Single USSR record, location not given, Flint <i>et al</i> 1984. <b>NB</b> Rare & decreasing Indian subcontinent Naoroji 2006. <b>Nov 2007 estimate of wild population now 0.1% of pre-diclofenac populations – Chris Bowden &amp; BNHS pers comm.</b>
213	Indian Vulture (Formerly Indian Long-billed Vulture)	<i>Gyps indicus</i>	On-line report for Afghanistan. Likely former range included stragglers to eastern CA & Afghanistan, recent ID improvements suggest. However, drastic population crash through <b>diclofenac poisoning</b> disease makes recurrence in OSME Region unlikely F-L&C (2005) <b>Chris Bowden 2007 pers comm. Doubtful record Afghanistan R&amp;A 2005. Documentation!!!</b>
214	Himalayan Griffon Vulture (Himalayan Vulture)	<i>Gyps himalayensis</i>	Kyrgyzstan, Kazakhstan, Tadjikistan, Afghanistan, F-L&C (2005), NE Afghanistan R&A 2005 rare resident E Kazakhstan W&O 2007 extralimital distributed to Bhutan Naoroji 2006. <b>English name used here is that retained in core range.</b>
215	Rüppell's Vulture	<i>Gyps rueppellii</i>	Sub-Saharan African species wanders to Arabia, F-L&C 2005. Egypt Avib, BE
216	Eurasian Griffon Vulture (Griffon Vulture)	<i>Gyps fulvus</i>	Caucasus, Iran, CA rare SE Kazakhstan W&O 2007 (mountains), Afghanistan F-L&C (2005), Argandeval 1983, & just into Pakistan Naoroji 2006. Resident & often recorded Kyrgyzstan, Ven 2002 Egypt Avib, BE. <b>English name used here descriptive of distribution.</b>
217	Cinereous Vulture (Eurasian Black Vulture)	<i>Aegypius monachus</i>	Caucasus, CA (mountains), Afghanistan (rare/accidental Argandeval 1983), Iran, F-L&C (2005), probably Afghanistan R&A 2005, resident on Afghanistan-Pakistan border Naoroji 2006. Egypt Avib, BE
218	Lappet-faced Vulture	<i>Aegypius tracheliotos</i> (formerly <i>Torgos tracheliotos</i> )	Sub-Saharan African species with populations in Saudi Arabia and Oman, wanders, F-L&C 2005. Egypt Avib, BE
219	Short-toed Snake Eagle (Short-toed Eagle)	<i>Circaetus gallicus</i>	<i>C.g. heptneri</i> Turkmenistan, Bukreev 1997. Caucasus, CA, probably Afghanistan, F-L&C (2005), likely the rare/accidentals in Argandeval 1983 in Afghan Pamirs (resident Indian ssp also reaches SE Afghanistan R&A 2005), summer resident Iran Scott & Adhami 2006. Egypt Avib, BE
220	Bateleur	<i>Terathopius ecaudatus</i>	Sub-Saharan African species, with population in SW Arabia, F-L&C (2005) Egypt Avib, BE
221	Western Marsh Harrier	<i>Circus aeruginosus</i>	Now split; (E Marsh Harrier <i>C. spilonotus</i> male & juv distinctive; NB hybrids occur); resident Caucasus, N Iran, S Turkmenistan, breeds CA, F-L&C (2005), Afghanistan R&A 2005, winters to S & India. Egypt Avib, BE
222	Eastern Marsh Harrier	<i>Circus spilonotus</i> (formerly <i>C. aeruginosus spilonotus</i> )	Probably occurs E Kazakhstan, E Tadjikistan, E Kyrgyzstan, F-L&C (2005), vagrant E Kazakhstan W&O 2007; <b>NB</b> G&G 2005 record as undocumented. <b>Possible first record 2001 Kyrgyzstan Ven 2002. Documentation?</b> <b>NB</b> Vagrant winter Indian subcontinent Naoroji 2006.
223	Hen Harrier (Northern Harrier)	<i>Circus cyaneus</i>	Breeds N Kazakhstan, winters CA, Iran, Afghanistan F-L&C (2005), who separate Nearctic's Northern Harrier as <i>C. hudsonius</i> . E'most Kazakhstan W&O 2007. Often recorded spring Kyrgyzstan but breeding unproven, Ven 2002.
224	Pallid Harrier	<i>Circus macrourus</i>	Breeds E Tadjikistan, Kazakhstan (W&O 2007), occurs migration CA, Caucasus, Iran (may breed Scott & Adhami 2006), Afghanistan (some may winter) F-L&C (2005). Breeds N Kyrgyzstan, Ven 2002, winters also Indian subcontinent Naoroji 2006. Egypt Avib, BE
225	Montagu's Harrier	<i>Circus pygargus</i>	Breeds Kazakhstan, N Tadjikistan, N Uzbekistan, Iran (scarce Scott & Adhami 2006), occurs on migration Caucasus, CA, Iran Afghanistan, F-L&C (2005); widespread breeder Kyrgyzstan, Ven 2002 winters also India Naoroji 2006. Egypt Avib, BE
226	Dark Chanting Goshawk	<i>Melierax metabates</i>	African species, population in SW Arabia, Porter <i>et al</i> 1996, estimated 1000 birds Jennings 2007a.
227	Gabar Goshawk	<i>Micronisus gabar</i>	African species, perhaps small population in SW Arabia, Porter <i>et al</i> 199, estimated 200 birds Jennings 2007a. 6 Egypt Avib, BE
228	Shikra	<i>Accipiter badius</i>	<i>A.b. cenchroides</i> Turkmenistan, Bukreev 1997. Breeds CA (rare Kazakhstan S-C, SE W&O 2007), Iran, Afghanistan F-L&C (2005) (Kabul Region & Nuristan Argandeval 1983), 400+ birds Arabia Jennings 2007a; breeds N Kyrgyzstan, migrant, Ven 2002. Extralimital resident Indian subcontinent Naoroji 2006.
229	Levant Sparrowhawk	<i>Accipiter brevipes</i>	Breeds NW Kazakhstan, local Iran, E Caucasus, CA (Vagrant (?) Kyrgyzstan Ven 2002), Iran, Afghanistan, F-L&C 2005. Egypt Avib BE
230	Eurasian Sparrowhawk (Northern Sparrowhawk)	<i>Accipiter nisus</i>	<i>A.n dementjevi</i> & <i>nisus</i> Turkmenistan, Bukreev 1997, Kazakhstan W&O 2007 ( <i>nisosimilis</i> rare passage). Breeds Caucasus, N Kazakhstan, Dare-Adzhar Mts & Kabul Region Afghanistan (common passage) Argandeval 1983, rare Iran Scott & Adhami 2006, winters CA, Iran, Afghanistan, F-L&C (2005); widespread resident Kyrgyzstan, Ven 2002. Egypt Avib, BE
231	Northern Goshawk	<i>Accipiter gentilis</i>	Resident Caucasus, N Kazakhstan (rare W&O 2007 Kazakh ssp <i>buteoides</i> & <i>schwedowi.</i> , idespread on migration), Tadjikistan, N Kyrgyzstan, rare Iran Scott & Adhami 2006, rare breeder Bāmiān, Band-e Amir & Dare Adzhar Mts Afghanistan Argandeval 1983, winters CA, Iran, Afghanistan, F-L&C (2005). G&G 2005 – <i>schwedowi</i> breeds N Kazakhstan (winters Indian subcontinent Naoroji 2006), <i>buteoides</i> on migration. Report UAE Dec 06 PH pers comm. Egypt Avib, BE
232	White-eyed Buzzard White-eyed Buzzard-Hawk)	<i>Butastur teesa</i>	Iran, perhaps summer visitor NE Afghanistan, F-L&C (2005), rare on passage Abe-Istada Afghanistan Argandeval 1983, rare breeder Iran Scott & Adhami 2006. 1 <sup>st</sup> record Oman Mar 04 IH in press. Most resident Indian subcontinent Naoroji 2006.
PT	Buzzard, Common Buzzard PT	<i>Buteo buteo</i>	PT line included to cover possible separation of <i>japonicus</i> as argued by workers in NE & E Kazakhstan.
233	Common Buzzard	<i>Buteo b. buteo</i>	Odd occurrences likely in Caucasus, decreasingly so further E, breeds Iran Scott & Adhami 2006, migrates through CA, Afghanistan, Iran, F-L&C (2005). Egypt Avib, BE
234	Steppe Buzzard (Common Buzzard)	<i>Buteo b. vulpinus</i>	<i>B.b. menetriesi</i> Turkmenistan, Bukreev 1997. Breeds N Kazakhstan, & in scattered CA locations; probably this form widespread resident Kyrgyzstan ( <i>B. buteo</i> , Ven 2002), migrates via CA, Afghanistan (common Kabul Region Argandeval 1983), Iran, F-L&C (2005). Reported Dec06 Oman IH pers comm.
235	'Eastern Buzzard' (Common Buzzard)	<i>Buteo (buteo) japonicus</i>	G&G 2005, W&O 2007 (see Kruckenhauser <i>et al</i> 2004) elevate <i>japonicus</i> to full species; rare E Kazakhstan mountain resident (G&G 2005) or rare passage migrant W&O 2007, as <i>B. japonicus</i> .
236	Socotra Buzzard	<i>Buteo sp?</i>	Relationships to other <i>Buteo</i> taxa uncertain. <b>Description in prep</b> – R Porter.
237	Long-legged Buzzard	<i>Buteo rufinus</i>	Caucasus, CA, Iran, Afghanistan (Kabul Region & Nuristan Argandeval 1983), 800+ birds Arabia Jennings 2007a, N populations

			migratory, widespread resident Kyrgyzstan, Ven 2002. <b>NB</b> Turkish populations suggested as <i>B.b. menetriesi</i> , F-L&C (2005). Egypt Avib, BE
238	Upland Buzzard	<i>Buteo hemilasius</i>	Central Asia, vagrant Uzbekistan (K-M&K 2005). Resident SE Kazakhstan (spreading S&W), Tadjikistan, Kyrgyzstan, F-L&C (2005)also in SW Kazakhstan W&O 2007; migrant & winterer Kyrgyzstan, Ven 2002. Superspecies with <i>B. rufinus</i> , some hybridisation in band across Kazakhstan W&O 2007.
239	Rough-legged Buzzard {Roughleg}	<i>Buteo lagopus</i>	Winter visitor mostly to Kazakhstan (common Bāmīān & Band-e Amir Mts Afghanistan Argandeval 1983), but sporadically further S in CA, F-L&C (2005); winters N Kyrgyzstan, Ven 2002.
<b>PT</b>	<b>Lesser Spotted Eagle</b>	<b><i>Aquila pomarina</i></b>	<b>Parry et al 2002, Väli 2006</b>
240	Lesser Spotted Eagle	<i>Aquila (pomarina) pomarina</i>	Breeds Caucasus, N Iran (rare Scott & Adhami 2006), F-L&C (2005). <b>IOC separate Indian Spotted Eagle as <i>A. hastata</i>, as per Väli 2006. (See ORL Hypothetical Species.)</b> Egypt Avib, BE. Rare winterer Oman, IH pers comm Dec06.
241	Greater Spotted Eagle	<i>Aquila clanga</i>	Breeds N Kazakhstan (NW & NE W&O 2007), perhaps easternmost Kyrgyzstan, on migration CA, Azerbaijan, Iran, Afghanistan F-L&C (2005) (accidental Bāmīān & Band-e Amir Mts Argandeval 1983); rare migrant N Kyrgyzstan, Ven 2002. Egypt Avib, BE. <b>NB</b> Widespread winter Indian subcontinent Naoroji 2006.
<b>PT</b>	<b>Steppe/Tawny/Indian Tawny Eagle PT</b>	<b><i>Aquila nipalensis/rapax/vindhiana</i></b>	
242	Tawny Eagle	<i>Aquila rapax</i>	In OSME Region, resident SW Arabia (African species) (F-L&C 2005). Has occurred Cyprus, Egypt (?), Israel. F-L&C 2001 had mapped this sp also as occurring near Iran-Pakistani coast. F-L&C (2005) omit this but indicate that the line of separation for Indian Tawny Eagle <i>A. vindhiana</i> (recent split) covers that location in Iran and also E Oman. However, F-L&C (2005) map Steppe Eagle <i>A. nipalensis</i> as occurring across the Iran location (as did F-L & C 2001). <u>Suggest that the Iran location came from the time when these three species were regarded as conspecific.</u> Proof below, but more ideally needed. Egypt Avib, BE (one old record, 1924, Egypt, but associated with Meinertzhagen – all Meinertzhagen records suspect unless verifiable – Garfield 2007).
243	Indian Tawny Eagle {Tawny Eagle}	<i>Aquila (rapax) vindhiana</i> (formerly <i>A. rapax vindhiana</i> )	Sight records (D Scott, R. Porter pers obs). May breed or be rare resident Iran Scott & Adhami 2006. Once bred SE Iranian Baluchestan, rare rest of province Zrudny 1911. <b>NB1</b> 'Zarudny' specimen in Iran may be <i>nipalensis</i> A Khaleghizadeh pers comm). <b>NB2</b> Deforestation since 1960s likely deters wanderers. <b>NB3</b> Rare resident near eastern Pakistan-Iran border & resident Pakistan Khyber Naoroji 2006. <b>Afghanistan? – Documentation!!!</b>
244	Steppe Eagle	<i>Aquila nipalensis</i>	Breeds Kazakhstan, possibly Caucasus, also rarely other CA, occurs Afghanistan (likely this sp in Argandeval 1983 as 'Steppe Eagle' rare to very rare on passage & winter Afghanistan), Iran migrant F-L&C (2005), scarce winterer Iran Scott & Adhami 2006, now (2006) rare also winter Oman PH pers comm; common migrant, doubtful breeder Kyrgyzstan, Ven 2002. G&G 2005 treat as 2 ssp <i>nipalensis</i> & <i>orientalis</i> . Egypt Avib, BE. <b>NB</b> Common winterer Indian subcontinent Naoroji 2006.
245	Eastern Imperial Eagle {Asian Imperial Eagle}	<i>Aquila heliaca</i>	Breeds Caucasus, most of CA, occurs widely on migration, F-L&C (2005); former, doubtfully present breeder Kyrgyzstan, Ven 2002. Accidental passage, winter Bāmīān & Band-e Amir Mts Afghanistan Argandeval 1983. Rare resident, commoner winterer Iran Scott & Adhami 2006, extralimitally W&C Indian subcontinent Naoroji 2006. Egypt Avib, BE. <b>NB</b> Spanish Imperial Eagle <i>A. adalberti</i> treated as separate. <b>English name used here more descriptive of distribution.</b>
246	Golden Eagle	<i>Aquila chrysaetos</i>	<i>A.c. homeyeri</i> & <i>daphanea</i> Turkmenistan, Bukreev 1997. Thinly widespread Caucasus, CA (Kazakh ssp <i>chryslaetos</i> & <i>canadensis</i> W&O 2007), Afghanistan, Iran, F-L&C (2005) east as far as Bhutan Naoroji 2006. Egypt Avib, BE
247	Verreaux's Eagle	<i>Aquila verreauxii</i>	Egypt Avib, BE
248	Booted Eagle	<i>Aquila pennata</i> (formerly <i>Hieraaetus pennatus</i> )	Central Asia (K-M&K 2005). As <i>A.p. pennata</i> & <i>fasciata</i> Turkmenistan, Bukreev 1997. Breeds Caucasus, CA, Afghanistan (rare on passage Abe-Istada Afghanistan Argandeval), Iran (scarce Scott & Adhami 2006), F-L&C (2005). Egypt Avib, BE. <b>NB</b> Winters extensively Indian sub-continent Naoroji 2006.
249	Bonelli's Eagle	<i>Aquila fasciatus</i> (formerly <i>Hieraaetus fasciatus</i> )	Vagrant Kazakhstan, Uzbekistan, Kyrgyzstan (K-M&K 2005, Ven 2002), Kazakhstan W&O 2007, breeds Afghanistan (rare on passage Dasht-e-Navar Afghanistan Argandeval 1983), Iran (resident Scott & Adhami 2006), Iraq, F-L&C (2005). Egypt Avib, BE. <b>NB</b> Main population Indian subcontinent Naoroji 2006.
		<b>Otidae</b>	
250	Great Bustard	<i>Otis tarda</i>	Breeds Kazakhstan (declining Kazakhstan W&O 2007), Kyrgyzstan, W Iran (scarce Scott & Adhami 2006), Iraq (Mudhafar Salim pers comm to RP). Winters to S of Region, HBW3, incl Afghanistan R&A 2005. Rare breeder, migrant Kyrgyzstan, Ven 2002 Egypt Avib, BE
251	Arabian Bustard	<i>Ardeotis arabs</i>	SW Yemen N just into SW Saudi Arabia Porter et al 1996.
252	Houbara Bustard	<i>Chlamydotis undulata</i>	Not east of Egypt, HBW3. Egypt Avib, BE
253	Macqueen's Bustard	<i>Chlamydotis macqueenii</i>	Caucasus, CA, Middle East to Afghanistan (declining Iran Mansoori 2006), HBW3. Rare breeder & migrant Kyrgyzstan, Ven 2002. BOU separation from <i>C. undulata</i> . <i>Ibis</i> , 144, 707–710; concerns (BB 2004a) noted re elevation, as was response (BB 2004b). Egypt Avib, BE
254	Little Bustard	<i>Tetrax tetrax</i>	CA, wintering Turkey, Iran (may breed Scott & Adhami 2006), Caucasus, HBW3, Afghanistan R&A 2005. Some recovery apparent Kyrgyzstan, Ven 2002. Egypt Avib, BE
		<b>Rallidae</b>	
255	Water Rail	<i>Rallus aquaticus</i>	<i>R.a. korejewi</i> Turkmenistan, Bukreev 1997. Resident Caucasus, breeds CA, Afghanistan, Iran, HBW3, migrates to Gulf, Pakistan. Origin in Kuwait (?) Lever 2005 App B. Egypt Avib, BE
256	Corncrake {Corn Crake}	<i>Crex crex</i>	Breeds Caucasus, Iran (possibly, certainly passage Scott & Adhami 2006), W Afghanistan, Kazakhstan, Kyrgyzstan, possibly elsewhere in CA, HBW3, migrates Africa. Egypt Avib, BE. <b>Version of English name used here instead of IOC 'amendment'.</b>
257	White-breasted Waterhen (White-	<i>Amauornis phoenicurus</i>	Breeds Pakistan to SE Asia. Winters Oman, UAE (SW Iran?) Taylor & van Perlo (T&vP) 1998. Vagrant Yemen, Kirwan 1994.

	breasted Bush-hen)		Egypt Avib, BE
258	Little Crake	<i>Porzana parva</i>	Breeds Caucasus, CA (mostly in N; not Turkmenistan) HBW3, Aghanistan, T&vP 1998. Winters Iran (certainly passage, Scott & Adhami 2006) Gulf hinterland, S Iraq, Kuwait, E Syria, Oman. Origin Kuwait (?) Lever 2005 App B. Egypt Avib, BE
259	Baillon's Crake	<i>Porzana pusilla</i>	Breeds scattered locations CA less Turkmenistan, W Caucasus, Afghanistan, resident SW Iran, HBW3 T&vP 1998, scarce breeder Iran Scott & Adhami 2006. Winters Pakistan, India. Egypt Avib, BE
260	Spotted Crake	<i>Porzana porzana</i>	Breeds N Kazakhstan, HBW3, E Uzbekistan (probably across borders), uncertain (local) in rest of CA, scarce breeder Iran Scott & Adhami 2006, migrant S Afghanistan R&A 2005, vagrant Socotra T&vP 1998. Winters India, rare UAE PH pers comm. Bred Kuwait 2001, al-Ghanem 2007. Origin Kuwait (?) of possible introductions, Lever 2005 App B. Egypt Avib, BE
261	Watercock	<i>Gallixrex cinerea</i>	Range Pakistan E to Japan, Philippines, Dickinson 2003. Vagrant to Oman Porter <i>et al</i> 1996. Egypt Avib, BE
262	Purple Swamphen [Purple Gallinule]	<i>Porphyrio porphyrio</i>	Turkey-Syria coast, N, SW Iran, SE Iraq, Kuwait, T&vP 1998, <i>P.p. caspius</i> . Turkmenistan, Bukreev 1997, <i>P.p. seistanicus</i> . Resident Azerbaijan, Iran Scott & Adhami 2006, perhaps Kazakhstan (N Caspian) occasional winter UAE PH pers comm. More widely spread than HBW3 indicates, may occur SW Afghanistan, T&vP 1998. Egypt Avib, BE? <b>NB</b> Some treat as <i>P.p. poliocephalus</i> or <i>P. poliocephalus</i> Grey-headed Swamphen (Sangster 1998, <i>P. porphyrio</i> occurring at OSME W margins, W&O 2007 W Kazakhstan), but here <i>poliocephalus</i> regarded as occurring India and points E. Validity of several ssp debated, as is name Grey-headed, which could be reasonably applied to other populations or parts thereof.
263	African Swamphen	<i>Porphyrio madagascariensis</i>	Egypt, Israel T&vP 1998, African species, reported Sep 06 Israel Dawn Balmer pers comm, UAE 2006 Jennings 2007b.
264	Allen's Gallinule	<i>Porphyrola alleni</i> (= <i>Porphyrio alleni</i> )	Some retain sp in <i>Porphyrio</i> . African species T&vP 1998, vagrant Cyprus, Oman, Porter <i>et al</i> 1996. Egypt Avib, BE
265	Common Moorhen	<i>Gallinulua chloropus</i>	Resident Caucasus, N Iran, Tigris-Euphrates, Afghanistan, scattered through S OSME Region. CA breeding populations winter in S of Region, HBW3, T&vP 1998.
266	Lesser Moorhen	<i>Gallinula angulata</i>	African species. Vagrant Oman 1994 (OBRC 1994), also Egypt, Haavisto & Strand 2002. Egypt Avib, BE
267	Red-knobbed Coot (Crested Coot)	<i>Fulica cristata</i>	African species. Vagrant Oman, Gustad & Schjolberg 2002.
268	Eurasian Coot (Common Coot)	<i>Fulica atra</i>	Resident Turkey, Caucasus, Iran, Afghanistan, resident (Turkmenistan, Uzbekistan) and breeder CA, wintering Iran & round Gulf. Common passage migrant across E OSME Region SW Siberia to India (Veen <i>et al</i> 2005) (Route?). Egypt Avib, BE
		<b>Gruidae</b>	
269	Demoiselle Crane	<i>Anthropoides virgo</i> (some subsume in <i>Grus</i> )	Sometimes in <i>Grus</i> , HBW3. CA. Breeds W&N Kazakhstan W&O 2007 as <i>Grus</i> . Migrant through OSME Region, including Afghanistan R&A 2005, vagrant Iran Scott & Adhami 2006. Egypt Avib, BE
270	Siberian Crane (Siberian White Crane)	<i>Grus leucogeranus</i>	Sole OSME wintering grounds Iran, HBW3; migrates through Turkmenistan & Uzbekistan, Ven 2002, rare passage E Kazkhstan W&O 2007 ( <b>NB</b> a few appear in Astrakhan Volga delta, may drift into Kazakhstan), scarce winter visitor Iran Scott & Adhami 2006. Vagrant Jordan, Hamidan 2003, Turkey Kirwan <i>et al</i> 1999 & elsewhere.
271	White-naped Crane	<i>Grus vipio</i>	Vagrant Kazakhstan (K-M&K 2005). No recent records G&G 2005, last confirmed 1913 W&O 2007.
272	Common Crane	<i>Grus grus</i>	Breeds N Kazakhstan (rare, <i>lilfordi</i> W&O 2007), migrant through Region (K-M&K 2005), including Afghanistan R&A 2005. Breeds SE Kazakhstan, autumn migrant Kyrgyzstan, increased wintering in Uzbekistan, Ven 2002, winters Iran Scott & Adhami 2006. Egypt Avib, BE
273	Hooded Crane	<i>Grus monacha</i>	Vagrant Kazakhstan (K-M&K 2005). No recent records G&G 2005, last confirmed 1855 W&O 2007. Vagrant breeder W to c88°E, 69°N (1970s) Rogacheva 1992.
		<b>Turnicidae</b>	
274	Kurrichane Buttonquail (Formerly Andalusian Hemipode, or Little or Common Buttonquail)	<i>Turnix sylvaticus</i>	Possibly E Iran, HBW3. May breed Scott & Adhami 2006. <b>English name used here not descriptive of distribution, but other alternatives listed here unacceptable by others for adequate reasons.</b>
		<b>Burhinidae</b>	
275	Eurasian Stone-curlew (Eurasian Thick-knee)	<i>Burhinus oedicnemus</i>	<i>B.o. harterti</i> Turkmenistan, Bukreev 1997. Widespread breeder, including Kazakhstan W&O 2007, some resident in N of Gulf, HBW3, scarce breeder N Kyrgyzstan, Ven 2002, NW & S Afghanistan, SE Iran R&A 2005. Egypt Avib, BE
276	Senegal Thick-knee	<i>Burhinus senegalensis</i>	African species, vagrant Saudi Arabia, Porter <i>et al</i> 1996. Egypt Avib, BE
277	Spotted Thick-knee (Spotted Dikkop)	<i>Burhinus capensis</i>	African species, resident SW Yemen, S Oman, Porter <i>et al</i> 1996.
278	Great Stone-curlew (Great Stone Plover)	<i>Esacus recurvirostris</i>	SE Iran coastal region, HBW3, scarce resident Scott & Adhami 2006. RNBWS report Nov 87 at sea off Masirah.
		<b>Haematipodidae</b>	
279	Eurasian Oystercatcher	<i>Haematopus ostralegus</i>	<i>H.o. buturlini</i> Turkmenistan, Bukreev 1997. Breeds Caucasus, CA ( <i>longipes</i> Kazakhstan W&O 2007), scarcer to E Kyrgyzstan, Ven 2002, scarce breeder Iran Scott & Adhami 2006, winters Afghanistan (R&A 2005), on coasts to S, HBW3. Egypt Avib, BE
		<b>Dromadidae</b>	
280	Crab-plover (Crab Plover)	<i>Dromas ardeola</i>	Rarely more than 1km from sea, HBW3, warm OSME shorelines, E Iran coast R&A 2005 (resident and summer breeder Iran Scott & Adhami 2006), vagrant Turkey Kirwan <i>et al</i> 1999. Egypt Avib, BE
		<b>Ibidorhynchidae</b>	
281	Ibisbill	<i>Ibidorhynca struthersii</i>	Kazakhstan, Kyrgyzstan, Tadjhikistan, HBW3. Breeds high mountain streams C&E Kyrgyzstan, Ven 2002, <b>SE</b> Kazakhstan W&O 2007. Turkmenistan, Bukreev 1997, not Tadjhikistan (K-M&K 2005), possibly NE Afghanistan R&A 2005.
		<b>Recurvirostridae</b>	
282	Black-winged Stilt	<i>Himantopus himantopus</i>	Breeds Caucasus, across upper CA, also Afghanistan (R&A 2005), Iran Scott & Adhami 2006 (some resident), winters mostly amongst resident populations beyond Region to S, HBW3. Formerly Egypt Avib, BE
283	Pied Avocet (Avocet)	<i>Recurvirostra avosetta</i>	Breeds Caucasus, across N CA, also Afghanistan (R&A 2005), Iran Scott & Adhami 2006, winters Gulf or along E African coast,

			HBW3. Egypt Avib, BE
		<b>Charadriidae</b>	
284	Northern Lapwing	<i>Vanellus vanellus</i>	Breeds in N CA, wintering Iran (some breed Scott & Adhami 2006), Iraq, HBW3, Afghanistan R&A 2005.
285	Spur-winged Lapwing (Spur-winged Plover)	<i>Vanellus spinosus</i> (formerly <i>Hoplopterus spinosus</i> )	African species, scattered populations from N Turkey SW to SW Yemen, Porter <i>et al</i> 1996, winter vagrant Iran Scott & Adhami 2006. Egypt Avib, BE
286	Black-headed Lapwing (Black-headed Plover)	<i>Vanellus tectus</i> (formerly <i>Hoplopterus tectus</i> )	African species, once Jordan, vagrant Israel, Porter <i>et al</i> 1996. Egypt Avib, BE
287	Red-wattled Lapwing (Red-wattled Plover)	<i>Vanellus indicus</i> (formerly <i>Hoplopterus indicus</i> )	<i>V.i. aigneri</i> Turkmenistan, Bukreev 1997. Resident Iran, Iraq, HBW3, summer visitor NW Iran HBW3. E Iran, Afghanistan R&A 2005. Range greater than shown in HBW3. Some winter UAE.
288	Sociable Lapwing (Sociable Plover)	<i>Vanellus gregarius</i> (formerly <i>Chettusia gregaria</i> )	Migrant Afghanistan R&A 2005. Breeds W&N Kazakhstan W&O 2007 (Flocks of 250+ 2006, rare migrant in E), migrant Kyrgyzstan, Ven 2002, winters scattered through southern OSME Region HBW3, 7 reported Oman Jan 07 IH pers comm, 2600+ Turkey, Syria Jan 2007 (BirdLife website). Egypt Avib, BE
289	White-tailed Lapwing (White-tailed Plover)	<i>Vanellus leucurus</i> (formerly <i>Chettusia leucura</i> )	Breeds S CA (W Kazakhstan W&O 2007, rare), winters Iran, Gulf, HBW3; migrant Kyrgyzstan, Ven 2002,. Breeds NW Aghanistan, E Iran winters SE Afghanistan R&A 2005. Egypt Avib, BE
290	Eurasian Golden Plover {European Golden Plover}	<i>Pluvialis apricaria</i>	Winters S Caspian, HBW3, rare migrant Kazakhstan W&O 2007. Egypt Avib, BE
291	Pacific Golden Plover	<i>Pluvialis fulva</i>	Tundra breeder NE of E Kazakhstan Rogacheva 1992, some migrate through region to Somali or Indian wintering grounds, vagrant, passage, or winter visitor to S OSME Region, Porter <i>et al</i> 1996 Egypt Avib, BE. Autumn migrant NE Kyrgyzstan, Ven 2002, spring & autumn Kazakhstan W&O 2007.
292	American Golden Plover	<i>Pluvialis dominica</i>	Vagrant Turkey, Porter <i>et al</i> 1996, rare passage W Kazakhstan W&O 2007, Oman, Grieve <i>et al</i> 2005, perhaps through accompanying <i>P. fulva</i> from common breeding grounds in W Alaska?
293	Grey Plover	<i>Pluvialis squatarola</i>	Migrates over Region to and from warm sea-coast wintering grounds, HBW3. Egypt Avib, BE
294	Common Ringed Plover	<i>Charadrius hiaticula</i>	S Caspian, Iran, Iraq wintering grounds, passage <i>tundrae</i> Kazakhstan W&O 2007. Widespread passage migrant through Middle East, some oversummer, Porter <i>et al</i> 1996. Migrant through Afghanistan R&A 2005. Egypt Avib, BE
295	Little Ringed Plover	<i>Charadrius dubius</i>	Widespread breeder (mostly <i>curonicus</i> ) in CA region, HBW3, including Afghanistan R&A 2005, Iran Scott & Adhami 2006. Egypt Avib, BE
296	Kittlitz's Plover	<i>Charadrius pecuarius</i>	African species. Regular but scarce winter Israel, vagrant Cyprus, Bahrain, UAE, Porter <i>et al</i> 1996. Egypt Avib, BE
297	Kentish Plover	<i>Charadrius alexandrinus</i>	Widespread Middle East, Porter <i>et al</i> 1996. Resident in S, breeds in CA, Caucasus HBW3. E Iran, Afghanistan R&A 2005. Egypt Avib, BE
298	Three-banded Plover (formerly Collared Plover)	<i>Charadrius tricollaris</i>	Southern African vagrant to Egypt and Western Palearctic, Hoath 2000. Egypt Avib, BE. <b>NB</b> The name Collared Plover now allocated (IOC) to <i>C. collaris</i> of Latin America.
PT	Lesser Sand Plover PT	<i>Charadrius mongolus</i>	Not IOC split
299	Mongolian Sand Plover {Lesser Sand Plover}	<i>Charadrius (mongolus) mongolus</i>	Any OSME record of <i>stegmanni</i> or <i>mongolus</i> ? <b>Documentation?</b> Wanderers possible on coasts in E OSME Region.
300	Lesser Sand Plover (Mongolian Sand Plover)	<i>Charadrius (mongolus) atrifrons</i>	Vagrant Kazakhstan G&G 2005, W&O 2007 (as <i>C.m pamirensis</i> ), probably breeds up to 5500m SE Kazakhstan, Tadjikistan HBW3; breeds montane plateaus Kyrgyzstan, Ven 2002. Winters sea-coasts to S, the Gulf, Red Sea, Arabia, passage birds to eastern coastlines of Africa. Breeds NE Afghanistan R&A 2005. Egypt Avib, BE
301	Greater Sand Plover	<i>Charadrius leschenaultii</i>	<i>C.l. crassirostris</i> Turkmenistan, Bukreev 1997, S Kazakhstan W&O 2007. Breeds CA, Caucasus, Afghanistan, HBW3, Kazakhstan G&G 2005, Iran (scarce) Scott & Adhami 2006. Egypt Avib, BE
302	Caspian Plover	<i>Charadrius asiaticus</i>	Scarce on passage or rare Middle East, widespread ME, Porter <i>et al</i> 1996. Breeds Caspian, similar latitudes to E in CA, HBW3; migrant Kyrgyzstan, Ven 2002. Egypt Avib, BE.
303	Oriental Plover	<i>Charadrius veredus</i>	Vagrant Kazakhstan, Uzbekistan (K-M&K 2005), but W&O 2007 remove from Kazakh list – 1910 skin lost.
304	Eurasian Dotterel	<i>Charadrius morinellus</i> ( <i>Eudromias morinellus</i> in numerous references)	Breeds E Kazakhstan, migrant Kyrgyzstan, Ven 2002, winters in N Gulf, HBW3. Egypt Avib, BE. RNBWS record Apr 60 E Masirah.
		<b>Rostratulidae</b>	
305	Greater Painted Snipe	<i>Rostratula benghalensis</i>	Some Egypt; 3 widely-separate main populations, bred Israel, accidental Oman, Jordan, Afghanistan, HBW3. Resident NE Afghanistan R&A 2005. Iran once, Misonne 1976, now vagrant Scott & Adhami 2006. Egypt Avib, BE
		<b>Jacaniidae</b>	
306	Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	Indian & SE Asian species; non-breeders wander, Oman, S Yemen, HBW3. Breeds Afghanistan R&A 2005. Bred Oman 1993 <i>et seq.</i> Jennings <i>in litt.</i> , spread to Qatar Jennings 2007b.
		<b>Scolopacidae</b>	
307	Eurasian Woodcock	<i>Scolopax rusticola</i>	Breeds Caucasus, Kazakhstan (E&SE W&O 2007), winters Iran, Iraq, HBW3. Breeds, occasional resident Kyrgyzstan, Ven 2002 .Egypt Avib, BE
308	Jack Snipe	<i>Lymnocyptes minimus</i>	Breeds N Kazakhstan (rarely W&O 2007), winters from S Caspian southwards, HBW3 (last breeding 1913 Kazakhstan W&O 2007), Aghanistan R&A 2005, migrant Kyrgyzstan, Ven 2002. Egypt Avib, BE
309	Solitary Snipe	<i>Gallinago solitaria</i>	May breed easternmost Kyrgyzstan, Tadjikistan, & winter E Afghanistan, but main area just E of this border, HBW3. Widespread resident Kyrgyzstan up to 5000m, Ven 2002. Winters E&SE Afghanistan R&A 2005, but wintering records from as high as 55°N Rogacheva 1992. Breeds w Altai, Tien Shan Kazakhstan G&G 2005, rare resident W&O 2007.

310	Pin-tailed Snipe (Pintail Snipe)	<i>Gallinago stenura</i>	Breeds easternmost Kazakhstan (rare W&O 2007), some migrating through CA, HBW3. Vagrant Kyrgyzstan, Ven 2002 Vagrant OSME Region, several recent passage records S coast Iran, Derek Scott pers comm, Scott & Adhami 2006, also Oman (IH pers comm 2006).
311	Swinhoe's Snipe	<i>Gallinago megala</i>	Breeds NE Kazakhstan (rare W&O 2007), may migrate through E OSME Region, HBW3. Casual passage migrant Uzbekistan E Kreuzberg-Mukhina pers comm.
312	Great Snipe	<i>Gallinago media</i>	Breeds N & NW Kazakhstan, most migrate through W OSME Region, HBW3 (Scarce, possibly former breeder Kazakhstan W&O 2007. No proof breeds Kyrgyzstan, Ven 2002. Egypt Avib, BE
313	Common Snipe	<i>Gallinago gallinago</i>	Breeds N Kazakhstan, Afghanistan (R&A 2005), probably Kyrgyzstan, Tadzhikistan, migrates post-breeding to moult sites en route, thence to sub-tropics, HBW3. Some winter Iran & points S in region Scott & Adhami 2006. Breeds N Kyrgyzstan, Ven 2002. Egypt Avib, BE
314	Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>	Vagrant to Region, perhaps misorientation (Berthold 1999) (mainly juveniles?) from NE Palearctic breeding grounds Anabar River to Chukotka Rogacheva 1992)? Reported Oman Dec 06 IH pers comm.
315	Asian Dowitcher (Asiatic Dowitcher)	<i>Limnodromus semipalmatus</i>	Breeds NE Kazakhstan, HBW3, in 2 areas straddling border with Russia Flint <i>et al</i> 1984, accidental breeder W&O 2007 rare migrant throughout. Occurrences in S OSME Region apparently vagrants misoriented (see Berthold 1999) from Sundas wintering area, but perhaps unknown wintering area around Arabian Sea? <b>IOC English name unnecessary change?</b>
316	Black-tailed Godwit	<i>Limosa limosa</i>	Breeds around latitude of S Kazakhstan (ssp <i>limosa</i> C&N), (ssp <i>melanuroides</i> vagrant W&O 2007), winters from S Caspian latitudes southwards, HBW3. Winters also SW Afghanistan R&A 2005. Egypt Avib, BE. <b>NB</b> Evidence mounting for future split, European <i>L. (limosa) limosa</i> , Icelandic <i>L. (limosa) islandica</i> and Siberian <i>L. (limosa) melanuroides</i> (Richard Porter pers comm), but are data adequately applicable across breeding distributions?
317	Bar-tailed Godwit	<i>Limosa lapponica</i>	Palearctic Arctic breeder, winters along warm OSME Region shores, occurs mostly on migration in Region, HBW3. Egypt Avib, BE
318	Little Curlew (Little Whimbrel)	<i>Numenius minutus</i>	Vagrant Kazakhstan K-M&K 2005 W&O 2007. <b>Reported Kuwait</b> Breeds E Palearctic, one migratory route to & from Australia, but prone to wander widely, HBW3. Westernmost breeding (rare) c100°E at c64°N Rogacheva 1992.
319	Whimbrel	<i>Numenius phaeopus</i>	Breeds W Russia Arctic, scattered areas to S & E, eg Volga-Zhayyq (Ural) interfluve (Kazakhstan <i>alboaxillaris</i> W&O 2007); winters warm shores, migrant ( <i>phaeopus</i> ) CA, HBW3. Egypt Avib, BE
320	Slender-billed Curlew	<i>Numenius tenuirostris</i>	Nearing extinction. CA breeding area unknown. Very rare migrant Kyrgyzstan, Ven 2002, vagrant Kazakhstan W&O 2007. Widely dispersive migration strategy, differing for males, females. Winters warm shores, HBW3 Egypt Avib, BE
321	Eurasian Curlew	<i>Numenius arquata</i>	Breeds around & N of S Kazakhstan latitude; most winter on warm shores; occurs on migration widely, HBW3. Egypt Avib, BE
322	Eastern Curlew (Far Eastern Curlew)	<i>Numenius madagascariensis</i>	Vagrant from E Sino-Siberian breeding grounds, winters Sundas, Australia, HBW3, vagrant Iran, but not since 1950s Scott & Adhami 2006. Westernmost breeding c100°E at c63°N Rogacheva 1992.
323	Spotted Redshank	<i>Tringa erythropus</i>	Widespread on migration to & from Arctic breeding areas; many winter Iran, Iraq, HBW3, some Afghanistan R&A 2005. Egypt Avib, BE
324	Common Redshank	<i>Tringa totanus</i>	Breeds CA, winters just S and beyond, HBW3 <i>totanus</i> & <i>ussuriensis</i> breed & on passage Kazakhstan W&O 2007. Isolated breeders SE Afghanistan R&A 2005. Egypt Avib, BE
325	Marsh Sandpiper	<i>Tringa stagnatilis</i>	Breeds Kazakhstan, most migrate directly across Region, few stopover, winter widely along warm shores S to S Africa and Australia, HBW3. Egypt Avib, BE
326	Common Greenshank	<i>Tringa nebularia</i>	Similar distribution to <i>T. stagnatilis</i> , but more numerous; more stopover; larger breeding area to E & N, HBW3. Egypt Avib, BE
327	Lesser Yellowlegs	<i>Tringa flavipes</i>	Vagrant Israel 1977 Shirihai 1994, Oman 1993, Turkey 2006 (Erciyas <i>et al</i> <b>in prep</b> )
328	Green Sandpiper	<i>Tringa ochropus</i>	Breeds similar distribution (but further N) to <i>T. stagnatilis</i> , but isolated E Kyrgyzstan breeders, HBW3, Ven 2002, occasional breeder Kazakhstan W&O 2007. Egypt Avib, BE
329	Wood Sandpiper	<i>Tringa glareola</i>	Similar to <i>T. stagnatilis</i> , HBW3, common passage Kazakhstan W&O 2007. Egypt Avib, BE
330	Terek Sandpiper	<i>Xenus cinerea</i>	Similar to <i>T. stagnatilis</i> , (further N) but main passage through Caspian region, HBW3, Kazakhstan W&O 2007 mostly in W. Winters SE Iran coast R&A 2005. Egypt Avib, BE. <b>NB</b> Loop migration suggested (observations before & after breeding) Rogacheva 1992.
331	Common Sandpiper	<i>Actitis hypoleucos</i>	IOC, BOU revert to <i>Actitis</i> . Breeds Caucasus, CA, Iran, Afghanistan, HBW3, rare migrant Kyrgyzstan, Ven 2002. Egypt Avib, BE
332	Spotted Sandpiper	<i>Actitis macularius</i>	IOC, BOU revert to <i>Actitis</i> . Follow BOU for <i>macularia</i> , not IOC <i>macularius</i> . Vagrant OSME Region, HBW3.
333	Ruddy Turnstone	<i>Arenaria interpres</i>	Arctic Breeder, migrant though Region to winter on most shores below 40°N in OSME Region, HBW3.
334	Great Knot	<i>Calidris tenuirostris</i>	Vagrant in most of CA, but some winter E Oman coast, HBW3, likely SE Iran coast R&A 2005, regular small numbers Derek Scott pers comm.
335	Red Knot	<i>Calidris canutus</i>	Mostly transient migrant or vagrant in OSME Region, but wanders widely, HBW3. Egypt Avib, BE
336	Sanderling	<i>Calidris alba</i>	Winters warm coasts OSME Region, but passage migrant mostly in small numbers, HBW3. Egypt Avib, BE
337	Red-necked Stint (Formerly Rufous-necked Stint)	<i>Calidris ruficollis</i>	Vagrant OSME Region, HBW3. Rare passage migrant Kazakhstan G&G 2005. <b>NB</b> westward breeding range expansion to c80°E Rogacheva 1992.
338	Little Stint	<i>Calidris minuta</i>	Winters warm coasts and at S inland waters of OSME Region, also quite common migrant, HBW3. Autumn migrant Kyrgyzstan, Ven 2002, sometimes abundant migrant Kazakhstan W&O 2007. Egypt Avib, BE
339	Temminck's Stint	<i>Calidris temminckii</i>	Winters on parts of warm coasts in OSME Region, but fairly common migrant, HBW3. Egypt Avib, BE
340	Long-toed Stint	<i>Calidris subminuta</i>	Kazakhstan (hinted, G&G 2005) said to hold one of several disjunct breeding populations ( <b>NB</b> W&O 2007 assign only vagrant status), but likely main migration E & not through OSME Region, HBW3, Rogacheva 1992. Autumn migrant E Kyrgyzstan, Ven 2002. Egypt Avib, BE
341	White-rumped Sandpiper	<i>Calidris fuscicollis</i>	Nearctic vagrant to Turkey, Browne 1997 Israel 1998 Richard Porter pers comm.

342	Baird's Sandpiper	<i>Calidris bairdii</i>	Nearctic vagrant (small Palearctic breeding area Chukotska Peninsula), vagrant Oman, Porter <i>et al</i> 1996.
343	Pectoral Sandpiper	<i>Calidris melanotos</i>	E Palearctic Arctic breeder, migrates ESE, but widespread occurrence of individuals to W & SW, high vagrancy likely in OSME Region, HBW3. Egypt Avib, BE. One reported Cyprus 28 Sep 06.
344	Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	Despite mainly E Palearctic breeding area & Australasian wintering ground, fairly regular on migration E Kazakhstan, HBW3 (NB W&O 2007 treat as vagrant), probably from isolated population on Ob river 500km N of E Kazakhstan, Flint <i>et al</i> 1984.
345	Curlew Sandpiper	<i>Calidris ferruginea</i>	C & E Palearctic Arctic breeder, widespread southern wintering areas, expected in OSME Region anywhere on migration, HBW3; autumn migrant Kyrgyzstan, Ven 2002 Egypt Avib, BE
346	Purple Sandpiper	<i>Calidris maritima</i>	Vagrant Kazakhstan (K-M&K 2005). W&C Palearctic Arctic breeding area, but winters to W in N hemisphere, HBW3.
347	Dunlin	<i>Calidris alpina</i>	Widespread Holarctic Arctic breeder, and warm coasts and ice-free inland waters in winter; common migrant in OSME Region, HBW3. Egypt Avib, BE
348	Broad-billed Sandpiper	<i>Limicola falcinellus</i>	Disjunct breeding areas Palearctic Arctic, quite small population, disjunct warm coastal wintering areas, regular migrant in small numbers, HBW3. Rare autumn migrant Kyrgyzstan, Ven 2002, rare but widespread migrant Kazakhstan W&O 2007.
349	Buff-breasted Sandpiper	<i>Tryngites subruficollis</i>	Claimed Nearctic vagrant to Turkey, cited in Porter <i>et al</i> 1996, but here agree with doubts expressed by Kirwan <i>et al</i> 1999 of 1930 Wahby claim. However, 1 <sup>st</sup> record Oman <i>Sandgrouse</i> 29 (2) IH. Egypt Avib, BE; (1928 Meinertzhagen record – suspect unless verifiable – Garfield 2007).
350	Ruff	<i>Philomachus pugnax</i>	Widespread Arctic, subarctic & Kazakhstan-latitude breeder; common migrant OSME Region, winters warm coastal/ice-free inland waters, HBW3. Egypt Avib, BE
351	Wilson's Phalarope	<i>Steganopus tricolor</i> (formerly <i>Phalaropus tricolor</i> )	Follow HBW for <i>Steganopus</i> . Nearctic vagrant Turkey, Oman, Porter <i>et al</i> 1996. 1 <sup>st</sup> report UAE Dec06 PH per comm.
352	Red-necked Phalarope	<i>Phalaropus lobatus</i>	Holarctic Arctic breeder, winters in Arabian Sea (Bourne 1988), migrant across OSME Region, HBW3. Migrant autumn (?) Kyrgyzstan, Ven 2002, sometimes abundant both seasons Kazakhstan W&O 2007. Egypt Avib, BE. Flock 200+ Oman Dec 06 IH pers comm.
353	Grey Phalarope (Red Phalarope)	<i>Phalaropus fulicaria</i>	HBW3 <i>fulicaria</i> correct. E Palearctic/Nearctic Arctic breeder, vagrant OSME Region, winters SW Africa HBW3, & some off Arabia Bourne 1988, 1991, also Meinertzhagen, <i>Ibis</i> 14 (1): 667. Egypt Avib, BE. English name used here more descriptive of post- & pre-breeding plumage of all birds seen in OSME Region, IOC name being highly confusable with Red-Necked <i>P. lobatus</i> .
		<b>Glareolidae</b>	
354	Egyptian Plover (Crocodyle-bird)	<i>Pluvianus aegyptius</i>	Sub-Saharan African species. Formerly Egypt Avib, BE
355	Cream-coloured Courser (Cream-colored Courser)	<i>Cursorius cursor</i>	<i>C.c. bogolubovi</i> Turkmenistan, Bukreev 1997, vagrant Kazakhstan W&O 2007. Iran, Afghanistan HBW3, NW Afghanistan (resident in SE) R&A 2005. Egypt Avib, BE
356	Collared Pratincole	<i>Glareola pratincola</i>	Breeds wetlands CA (Kazakhstan in S&C W&O 2007), some sites Iran, Iraq. HBW3, NW Afghanistan R&A 2005. Egypt Avib, BE
357	Oriental Pratincole	<i>Glareola maldivarum</i>	Irruptive, vagrant to Region, HBW3. Recorded recently Khuzestan, Iran by WIWO team, Derek Scott pers comm. Egypt Avib, BE
358	Black-winged Pratincole	<i>Glareola nordmanni</i>	Breeds S Kazakhstan HBW3 ( <i>contra</i> W&O 2007, C & N); migrant Kyrgyzstan, Ven 2002. Occasional breeder elsewhere, vagrant Iran Scott & Adhami 2006, wanders. Egypt Avib, BE
359	Small Pratincole (Formerly Little Pratincole)	<i>Glareola lactea</i>	E Afghanistan HBW3, R&A 2005, vagrant Iran Scott & Adhami 2006.
		<b>Laridae</b>	
			Main taxonomic approach followed is Yésou 2002, but note Malling Olsen & Larsson (MO&L) 2004 largely in alignment. For probable explanation of lack of taxonomic clarity of gull taxa, see Newton 2003 for overview; also see Kerr <i>et al</i> 2007 for results of genetic 'barcode' large-scale Nearctic species trial.
360	White-eyed Gull	<i>Larus leucophthalmus</i>	Red Sea endemic. MO&L 2004, vagrant Iran. Egypt Avib, BE
361	Sooty Gull	<i>Larus hemprichii</i>	Mostly Red Sea, S Arabia (Socotra), but also into Gulf and E African coast (MO&L 2004). Resident SE Iran, SW Pakistan coasts, R&A 2005. Egypt Avib, BE
PT	Common Gull/Mew Gull PT	<i>Larus canus</i>	2 English names recently merged under Mew Gull, but evidence now leans to separating Nearctic Mew as <i>L. brachyrhynchus</i>
362	Common Gull (Mew Gull)	<i>Larus (canus) canus</i>	Breeds Kazakhstan; mostly migrant <i>L.c. heinei</i> in OSME Region, wintering S Caspian, W Med, Georgia MO&L 2004, E Iran R&A 2005, reported E Afghanistan R&A 2005. Mew Gull = Nearctic (NW N America Howell & Dunn 2007) <i>L. brachyrhynchus</i> . PT required? Egypt Avib, BE
363	Audouin's Gull	<i>Larus audouinii</i>	Mostly confined to Mediterranean, occasionally inland in Turkey, Egypt, (MO&L 2004). Egypt Avib, BE
364	Great Black-backed Gull	<i>Larus marinus</i>	Vagrant E Mediterranean, MO&L 2004. Reported Oman Feb 06. Iran Checklist – vagrant Scott & Adhami 2006. Egypt Avib, BE. RNBWS report off Aspheron Peninsula, Caspian Sea Dec98 at 40:5:47.0N+50:15:15.0E. NB misidentification history in OSME Region – WRP Bourne pers comm
365	Kelp Gull	<i>Larus dominicanus</i>	Reported Oman 06? Await OBRC determination.
366	Glaucous Gull	<i>Larus hyperboreus</i>	Vagrant to Black & Caspian Seas, occasional E Mediterranean, N Red Sea, MO&L 2004, vagrant Kazakhstan W&O 2007. Egypt Avib, BE
367	Herring Gull	<i>Larus argentatus</i>	Recently found E Mediterranean R Porter pers comm. Separated from <i>L. smithsonianus</i> , American Herring Gull MO&L 2004.
PT	East Siberian Gull, Mongolian Gull PT	<i>Larus vegae</i>	Here following Yésou 2002, who (pers comm) advises taxonomic uncertainties in white-headed gulls likely to be long-standing; prime candidates for combined genetics/field/museum studies (including breeding biology & statistical analysis of phenotypical variations. Rogacheva 1992 suggests breeds as far W as Anabar River mouth in Arctic, clear hybrids not being uncommon.
368	Vega Gull	<i>Larus (vegae) vegae</i>	Variable leg colour; nominate ssp of East Siberian Gull, Yésou 2002. Documentation!
369	Mongolian Gull (Vega Gull)	<i>Larus (vegae) mongolicus</i>	Variable leg colour; S ssp of East Siberian Gull (or full sp: eg Clements 2007 & Shimba 2007). Yésou 2002. Apparently occurs

			Kyrgyzstan (Ven 2002). Breeding range may reach E-most Kazakhstan MO&L 2004. Expected E Kazakhstan G&G 2005, <b>but reports lacking – Documentation!</b> W&O 2007 do not address issue: ID & taxonomic uncertainties? Once considered ssp of <i>cachinnans</i> (MO&L)
370	Yellow-legged Gull	<i>Larus michahellis</i>	Follow MO&L 2004, BOU. In Region, breeds Black Sea, E Med (sedentary), may also wander to Red Sea, MO&L 2004.
371	Armenian Gull	<i>Larus armenicus</i>	BOU; near <i>michahellis</i> , not <i>cachinnans</i> . Breeds Turkey, Iran, Armenia, winters E Med, some to Gulf (confusion with <i>L. barabensis</i> ?) MO&L 2004, <b>lower reaches of Nile, Tigris (WRP Bourne), Meinertzhagen Tring specimens likely reliable WRP Bourne pers comm.</b> Egypt Avib, BE
372	'Lake Beysehir Gull'	<i>Larus armenicus</i> x <i>michahellis</i>	Small, stabilised hybrid population on islands in Lake Beysehir in Turkey, Liebers & Helbig. 1999. English name informal ©OSME.
373	Caspian Gull	<i>Larus cachinnans</i>	As per MO&L 2004, breeds widely throughout N CA, Caspian. Most winter Red Sea/Gulf/S Arabia waters with <i>L. barabensis</i> . Immatures move W. NB ' <i>ponticus</i> ' invalid, Yésou 2002. Egypt Avib, BE. <b>NB</b> Those ' <i>cachinnans</i> ' ringed Lake Chany, SW Siberia & recovered E Caspian & Uzbekistan, & also those recovered near Chany but ringed in SE Kazakhstan also attributed to ' <i>cachinnans</i> ', may be <i>barabensis</i> taxon: Veen <i>et al</i> 2005.
PT	Lesser Black-backed Gull PT	<i>Larus fuscus</i>	Egypt Avib, BE
374	Lesser Black-backed Gull	<i>Larus fuscus intermedius</i>	Follow MO&L 2004, wanders to E Mediterranean. Retain <i>intermedius</i> as ssp (75%, not 90% rule), Yésou 2002.
375	Baltic Gull {Lesser Black-backed Gull}	<i>Larus f. fuscus</i>	Follow MO&L 2004, Turkey, E Med, migrates to Gulf ( <b>scarce, WRP Bourne pers comm</b> ), S Arabia, Red Sea, winters E Africa. Rare vagrant Kazakh Caspian G&G 2005, W&O 2007 remove record; no skins, descriptions – one such claim from former Kazakh territory. Reported Dec 06 Oman IH pers comm, UAE Jan 07 PH pers comm. Scattered RNBWS reports Red & Arabian Seas 1953-95, but up to 105 Bay of Suez 1988
PT	Heuglin's Gull PT	<i>Larus heuglini</i>	<b>NB may have been recorded under <i>L. cachinnans</i>, <i>L. armenicus</i> or '<i>taimyrensis</i>' in past, Yésou 2002. Egypt Avib, BE</b>
376	Heuglin's Gull {Lesser Black-backed Gull}	<i>Larus (heuglini) heuglini</i>	MO&L 2004, occurs Kazakhstan, Turkmenistan (K-M&K 2005); rare migrant N Kyrgyzstan, Ven 2002, common migrant Kazakh Caspian & Aral Seas W&O 2007, migrates through Region <b>wintering W Arabian Sea; '<i>taimyrensis</i>' x Vega Gull <i>L. vegae</i> hybrids declining phenomenon; '<i>taimyrensis</i>' invalid taxon, Yésou 2002. Migrant Afghanistan R&amp;A 2005. Link <i>L. (c.) barabensis</i> records? Winters, Gulf, Red Sea, around Arabian Sea. Pierre Yésou's view (pers comm) is that <i>heuglini</i> is phenotypically different from <i>fuscus</i>, its neighbour – also that various arguments re status of '<i>taimyrensis</i>' do not refer to same population sets. Possible <i>barabensis/armenicus</i> intergrades? – WRP Bourne pers comm.</b>
377	Steppe Gull (Baraba Gull) {Lesser Black-backed Gull}	<i>Larus (heuglini) barabensis</i>	Likely superspecies with <i>L. heuglini</i> ? (MO&L 2004). Breeds NE Kazakhstan, winters with <i>L. cachinnans</i> on warm coasts, MO&L 2004. Taxonomy uncertain. Best treated as ssp of <i>heuglini</i> , degree of reproductive isolation unproven, Yésou 2002. <b>NB</b> Those ' <i>cachinnans</i> ' ringed Lake Chany, SW Siberia & recovered E Caspian & Uzbekistan, & those recovered near Chany but ringed in SE Kazakhstan & also attributed to ' <i>cachinnans</i> ', may be <i>barabensis</i> taxon: Veen <i>et al</i> 2005. <b>Pierre Yésou (pers comm) notes that <i>barabensis</i> is diagnosable in the field from <i>heuglini</i>, but since they are not parapatric, he guesses they are different species. RP Bourne (pers comm) suspects intergrades with '<i>taimyrensis</i>' and <i>heuglini</i> &amp; winters in Gulf.</b>
378	Great Black-headed Gull (Pallas's Gull)	<i>Larus ichthyaetus</i>	Breeder mostly C & E CA, but with significant Caspian population at risk from restoration of sea-levels, MO&L 2004. Rare Kyrgyzstan resident, some winter movements, Ven 2002, scarce local breeder Kazakhstan W&O 2007. Winters coasts Myanmar W to Somalia, also inland India. Egypt Avib, BE. Ringing recoveries suggest exchange of breeders between Caspian & SW Siberia, crossing Kazakhstan, Veen <i>et al</i> 2005.
379	Brown-headed Gull	<i>Larus brunnicephalus</i>	Breeds Tadjikistan, occurs Uzbekistan, MO&L 2004, possibly elsewhere in N OSME Region, not certainly recorded Kyrgyzstan, Ven 2002; vagrant to Gulf. Winters SE Iran coast R&A 2005, more likely accidental, Derek Scott pers comm. RNBWS reports in the Gulf ( <b>also Bourne &amp; Bundy 1990</b> ) at eg 25:0:0.0N+53:0:0.0E
380	Grey-hooded Gull (Grey-headed Gull)	<i>Larus cirrocephalus</i>	African species. Has occurred Saudi Arabia, Yemen, Israel, MO&L 2004.
381	Common Black-headed Gull	<i>Larus ridibundus</i>	Breeds in N OSME Region, scarce breeder Iran Scott & Adhami 2006, winters in W & S; common on migration, MO&L 2004 winters Afghanistan R&A 2005. Egypt Avib, BE
382	Slender-billed Gull	<i>Larus genei</i>	Widespread scattered breeder CA, MO&L 2004, winters on warm coasts. Resident SE Iran, SW Pakistan coasts R&A 2005. Egypt Avib, BE
383	Mediterranean Gull	<i>Larus melanocephalus</i>	Winters in W Mediterranean, breeds Turkey, MO&L 1994. Wanders to Kazakh (& Iranian Scott & Adhami 2006) Caspian shores G&G 2005, W&O 2007, UAE Jan 07 PH pers comm. Egypt Avib, BE
384	Relict Gull	<i>Larus relictus</i>	Disjunct breeding areas Kazakhstan E of Lake Balkash, K-M&K (2005) & MO&L 2004. E Kazakhstan breeders likely part of Chinese population distribution G&G 2005 - 3 Kazakh ringing recoveries China, 1 Vietnam, 1 Bulgaria, 1 Turkey W&O 2007.
385	Franklin's Gull	<i>Larus pipixcan</i>	Nearctic vagrant, Israel, E Mediterranean, MO&L 2004.
386	Little Gull	<i>Larus minutus</i>	Breeds Kazakhstan, widespread in CA on migration & in winter, especially Caspian, MO&L 2004 Egypt Avib, BE
387	Sabine's Gull	<i>Xema sabini</i> (formerly <i>Larus sabini</i> )	Vagrant Israel, E Mediterranean, UAE, Jordan, Egypt, MO&L 2004. Egypt Avib, BE
388	Black-legged Kittiwake (Kittiwake)	<i>Rissa tridactyla</i>	Rare E Mediterranean, Gulf of Aqaba, vagrant Turkey Iran Syria Oman, Porter <i>et al</i> 1996, UAE C Richardson pers comm. Vagrant Kazakh Caspian G&G 2005, record removed W&O 2007 – skin lost, no descriptions. Iran (Caspian?) Scott & Adhami 2006, extreme vagrant Issyk Kul (1932), Kyrgyzstan Ven 2002. Egypt Avib, BE. RNBWS records: small numbers Aspheron, Caspian 97/98 at 40:5:47.0N+50:15:15.0E & 40:0:0.0N+51:4:0.0E, Jan, Feb, Apr, Nov & Dec.
		'Sternidae'	<b>NB Many tern spp disperse widely in northern hemisphere winter WRP Bourne pers comm</b>
389	Gull-billed Tern	<i>Gelocheidon nilotica</i> (formerly <i>Sterna nilotica</i> )	<i>Ibis</i> (2005), <b>147</b> : 821–826 cites Bridge <i>et al</i> 2005 <i>Mol. Phylogenet. Evol</i> <b>35</b> :459-469. Breeds throughout (mostly C) CA & in Afghanistan (R&A 2005), resident & winter visitor in S, HBW3 Egypt Avib, BE
390	Caspian Tern	<i>Hydroprogne caspia</i> (formerly <i>Sterna</i> )	<i>Ibis</i> (2005), <b>147</b> : 821–826. Breeds locally in much of CA (also E Iran, W Afghanistan R&A 2005), disperses widely, HBW3. Egypt

		<i>caspia</i> )	Avib, BE
391	Lesser Crested Tern	<i>Sterna bengalensis</i>	Rare breeder & migrant Kazakhstan W&O 2007. Iraq, HBW3, resident Red Sea, Gulf. Egypt Avib, BE
392	Sandwich Tern	<i>Sterna sandvicensis</i>	N Caspian breeder, winter S Caspian, Gulf, S Arabia, HBW3. Egypt Avib, BE
393	Swift Tern (Great Crested Tern)	<i>Sterna bergii</i>	Gulf, Red Sea resident, most warm shores winter, HBW3. Egypt Avib, BE
394	River Tern	<i>Sterna aurantia</i>	Sight records NE Afghanistan R&A 2005. Recorded recently SE Caspian by WIWO team Foekens & Schlevs 2006. One record from former USSR, N Caspian 1990? Koblik <i>et al</i> 2006.
395	Roseate Tern	<i>Sterna dougallii</i>	Mostly around E & S Oman waters in winter, HBW3. Egypt Avib, BE
396	Common Tern	<i>Sterna hirundo</i>	Breeds extensively in N OSME Region (also Afghanistan R&A 2005), some Iran Scott & Adhami 2006, some Oman winter, HBW3. Egypt Avib, BE
397	White-cheeked Tern	<i>Sterna repressa</i>	Breeds Gulf, Red Sea, resident N Somalia coast, some near Oman winter, HBW3. Egypt Avib, BE
398	Arctic Tern	<i>Sterna paradisaea</i>	Non-breeders, 'lost' return migrants, in OSME waters in small numbers, usually well offshore, HBW3. <b>NB</b> breeds on Ob N of Kazakhstan Flint <i>et al</i> 1984. Some overland migration along rivers to Caspian?
399	Little Tern	<i>Sternula (albifrons) albifrons</i> (formerly <i>Sterna (albifrons) albifrons</i> )	<i>Ibis</i> (2005), <b>147</b> : 821–826. Widespread breeder through N OSME Region (including Afghanistan R&A 2005), less so further S, winters along warm coasts, HBW3. Egypt Avib, BE
400	Saunders's Tern	<i>Sternula (albifrons) saundersi</i> (formerly <i>Sterna (albifrons) saundersi</i> )	<i>Ibis</i> (2005), <b>147</b> : 821–826. IOC. Breeds Red Sea, Socotra, Gulf, winters further S, HBW3. Breeds SE Iran, SW Pakistan coasts R&A 2005. Egypt Avib, BE
401	Bridled Tern	<i>Onychoprion anaethetus</i> (formerly <i>Sterna anaethetus</i> )	<i>Ibis</i> (2005), <b>147</b> : 821–826. Resident Gulf, Red Sea, probably disperses widely, HBW3. Egypt Avib, BE. <b>Regular large-scale passage Sep off Sri Lanka (van den Berg <i>et al</i> 1982) perhaps part of dispersal.</b>
402	Sooty Tern	<i>Onychoprion fuscata</i> (formerly <i>Sterna fuscata</i> )	<i>Ibis</i> (2005), <b>147</b> : 821–826. Breeds S Red Sea, Aden, probably disperses widely, HBW3, occurs Afghanistan R&A 2005. Wanders Oman late autumn, IH pers comm, Iran Scott & Adhami 2006 .
403	Whiskered Tern	<i>Chlidonias hybrida</i>	Breeds locally in much of N OSME Region, irregular migrant Kyrgyzstan, Ven 2002, Iran, Iraq, disperse widely, some remain in Gulf, HBW3. Egypt Avib, BE
404	White-winged Tern (White-winged Black Tern)	<i>Chlidonias leucopterus</i>	Shares similar breeding area to <i>C. hybrida</i> (E Iran R&A 2005 <i>contra</i> Scott & Adhami 2006; passage only), but over area larger overall, almost regular migrant N Kyrgyzstan, Ven 2002. Winters Gulf or disperses further, HBW3. Egypt Avib, BE
405	Black Tern	<i>Chlidonias niger</i>	Largely similar breeding area to <i>C. hybrida</i> , extending further N, but usually scarcer; post-breeding often N then W, HBW3. Egypt Avib, BE
406	Brown Noddy (Common Noddy)	<i>Anous stolidus</i>	Breeds S Red Sea, Gulf of Aden, Masirah, some remaining in general area year-round, HBW3.
407	Sooty Noddy (Lesser Noddy)	<i>Anous tenuirostris</i>	Wintering population around E Oman, HBW3. <b>NB</b> Black Noddy now <i>A. minutus</i> .
408	African Skimmer	<i>Rynchops flavirostris</i>	African species, Egypt, vagrant Yemen, Israel, Porter <i>et al</i> 1996. Egypt Avib, BE
409	Indian Skimmer	<i>Rynchops albigollis</i>	Indian species, vagrant Oman, Porter <i>et al</i> 1996, Iran Scott & Adhami 2006.
		<b>Stercorariidae</b>	<b>NB South Polar (<i>maccormicki</i>) and particularly Brown (<i>antarcticus</i>), Chilean (<i>chilensis</i>), Tristan (<i>hamiltoni</i>) and Subantarctic (<i>lonnbergi</i>) Skuas have a relative lack of genetic differentiation, due to their relatively recent divergence as a group from Great (<i>skua</i>) and Pomarine (<i>pomarinus</i>) Skuas. Consequently any treatment as separate species must recognise that their mobility and the extent of hybridisation will prevent many individuals from being identified by morphology, plumage characters, or at all.</b>
410	South Polar Skua	<i>Stercorarius maccormicki</i> (formerly <i>Catharacta maccormicki</i> )	Follow BOU re <i>Stercorarius</i> Sangster <i>et al</i> 2004 & Dudley <i>et al</i> 2006. Antarctic breeder, winters N Hemisphere oceans, wanders widely Indian Ocean; uncommon in OSME Region, HBW3. Probable 5 <sup>th</sup> Oman record Dec 06 IH pers comm. <b>One at 12°55'N, 54°39'E van den Berg <i>et al</i> 1991.</b>
411	Brown Skua (Subantarctic Skua)	<i>Stercorarius antarcticus</i> (formerly <i>Catharacta (antarcticus) antarcticus</i> )	Follow BOU re <i>Stercorarius</i> Sangster <i>et al</i> 2004 & Dudley <i>et al</i> 2006, assume <i>antarcticus</i> . <b>For English name, follow Cohen <i>et al</i> 1997 &amp; Andersson 1999.</b> Breeds, winters subantarctic, wanderers likely in OSME Region. Some juveniles in Indian Ocean likely Subantarctic Skua <i>S. lonnbergi</i> , long called Brown Skua in Australasia, where previously treated as <i>S. [C.] (a.) lonnbergi</i> , as in Scott & Adhami 2006, Iran. 3 RNBWS reports, Aug 64 at 11:0:0.0N+53:30:0.0E (off C Guardafui), Nov 88 Jebel Ali at 25:6:0.0N+55:12:0.0E & Sep 90 (South Polar Skua <i>S. maccormicki</i> not ruled out here) in the Gulf at 25:0:0.0N+54:0:0.0E
412	Great Skua	<i>Stercorarius skua</i> (formerly <i>Catharacta skua</i> )	Vagrant to W Mediterranean, one immature ringing recovery W of Astrakhan (Wernham <i>et al</i> 2001), otherwise confined to Atlantic, HBW3. Egypt Avib, BE. Non-Mediterranean OSME records require review to comply with Sangster <i>et al</i> 2004 & Dudley <i>et al</i> 2006. See also Arkhipov & Blair 2007.
413	Pomarine Skua (Pomarine Jaeger)	<i>Stercorarius pomarinus</i>	Separated from <i>S. skua</i> <b>after</b> <i>S. skua</i> ancestor separated from other large skuas Cohen <i>et al</i> 1997. Regular migrant, some perhaps wintering in Gulf, Gulf of Oman, off S Arabian coasts, mostly Arabian Sea or wandering further. Extensive overland migration across OSME Region from High-Arctic breeding grounds (HBW3, Arkhipov & Blair 2007), however, current status vagrant Kazakhstan W&O 2007. Routes uncertain, but loop migration (Berthold 1999) likely. Egypt Avib, BE. Recorded Aral Sea Rogacheva 1992.
414	Arctic Skua {Parasitic Jaeger}	<i>Stercorarius parasiticus</i>	As for <i>S. pomarinus</i> , but spring migrants partly from Atlantic (BWP3); immature ringing recoveries C Sudan, C Congo (Wernham <i>et al</i> 2002) implying regular overland movements. Once Issyk Kul, Kyrgyzstan Ven 2002, rare passage Kazakhstan W&O 2007, noted c60°N Yenisey Rogacheva 1992 (see also Arkhipov & Blair 2007). Transequatorial migrant (HBW3), but occurs any month Arabian Sea (non-breeders) (Francis Ward <i>in litt</i> ). Egypt Avib, BE
414	Long-tailed Skua (Long-tailed Jaeger)	<i>Stercorarius longicaudus</i>	Most pelagic of skuas (HBW3); vagrant Iran Scott & Adhami 2006, some overland migration through OSME Region occurs (Francis Ward <i>in litt</i> ). Egypt Avib, BE
		<b>Alcidae</b>	

416	Razorbill	<i>Alca torda</i>	Egypt Avib, BE
		<b>Pteroclididae</b>	
417	Tibetan Sandgrouse	<i>Syrrhaptes tibetanus</i>	Tadzhikistan K-M&K (2005). Internet report for Afghanistan; if so, on NE border - <b>Documentation?</b>
418	Pallas's Sandgrouse	<i>Syrrhaptes paradoxus</i>	Kazakhstan, Turkmenistan, Uzbekistan, Kyrgyzstan, Tadzhikistan, HBW4 vagrant winter Iran Scott & Adhami 2006.
419	Pin-tailed Sandgrouse	<i>Pterocles alchata</i>	<i>P.a. caudacutus</i> Turkmenistan, Bukreev 1997. Breeds Turkmenistan, Uzbekistan, Kazakhstan, winters N Iran, HBW4. Resident Tadzhikistan, Afghanistan, E Iran R&A 2005, Scott & Adhami 2006. Rare migrant Kyrgyzstan, Ven 2002. Egypt Avib, BE
420	Chestnut-bellied Sandgrouse	<i>Pterocles exustus</i>	Edges of Arabian peninsula, SE Iran, HBW4 SE Iran R&A 2005. Egypt Avib, BE
421	Spotted Sandgrouse	<i>Pterocles senegallus</i>	S Iran, S Iraq, Arabian peninsula, Levant to Egypt, HBW4, SW Afghanistan R&A 2005. Egypt Avib, BE
422	Black-bellied Sandgrouse	<i>Pterocles orientalis</i>	<i>P.o. arenarius</i> Turkmenistan, Bukreev 1997. Resident below Caucasus-N Iran line to Gulf, breeds CA (uncommon Kazakhstan W&O 2007), HBW4, Afghanistan, E Iran R&A 2005. Egypt Avib, BE
423	Crowned Sandgrouse (Coronated Sandgrouse)	<i>Pterocles coronatus</i>	Resident Iran, S Arabian peninsula, Egypt, HBW4, SW Afghanistan R&A 2005. Egypt Avib, BE
424	Lichtenstein's Sandgrouse	<i>Pterocles lichtensteini</i>	Resident SE Iran (scarce Scott & Adhami 2006), Bahrain, S Arabian peninsula, Egypt, S Jordan, S Israel, HBW4, Socotra Jennings 2007b. Egypt Avib, BE
		<b>Columbidae</b>	
425	Rock Dove (Common Pigeon)	<i>Columba livia</i>	<i>C.l. livia</i> & <i>neglecta</i> Turkmenistan, Bukreev 1997, Kazakhstan W&O 2007. Widespread CA & Caucasus, Gibbs <i>et al</i> 2001, Iran, Afghanistan R&A 2005. Egypt Avib, BE. <b>English name used differentiates from Feral Pigeon, whose status differs.</b>
426	Feral Pigeon (Common Pigeon)	<i>Columba livia</i> forma <i>domestica</i>	Egypt Widespread amongst human habitation, but poorly & rarely documented – need for better reporting.
427	Hill Pigeon	<i>Columba rupestris</i>	<i>C.r. turkestanica</i> Turkmenistan, Bukreev 1997. Resident E CA, Gibbs <i>et al</i> 2001, HBW4, Afghanistan R&A 2005. NB Kazakhstan status uncertain – hybridisation with <i>C. livia</i> may have caused recent local extinction W&O 2007
428	Snow Pigeon	<i>Columba leuconota</i>	Kazakhstan (vagrant W&O 2007, last noted 1956), Tadzhikistan, Kyrgyzstan (Rare resident S Ferghana, Ven 2002, not (K-M&K 2005) Turkmenistan, EC & E Afghanistan R&A 2005, mapped Grimmett <i>et al</i> 1998. Note rarely enters trees Bates & Lowther 1952.
429	Speckled Pigeon	<i>Columba guinea</i>	Vagrant Yemen, Stanton 1998.
430	Stock Dove (Stock Pigeon)	<i>Columba oenas</i>	Widespread SE & NW CA & Caucasus, Gibbs <i>et al</i> (2001), wintering E Afghanistan R&A 2005. Egypt Avib, BE
431	Yellow-eyed Pigeon (Pale-backed Pigeon) (Eastern Stock Dove)	<i>Columba eversmanni</i>	CA, Iran, Afghanistan, HBW4, SE Turkmenistan, SE Uzbekistan, S Tadzhikistan, S, C&E Kazakhstan W&O 2007, Afghanistan R&A 2005. Migrant, rare, confined to steep wooded valleys Kyrgyzstan, Ven 2002
432	Common Woodpigeon (Common Wood Pigeon)	<i>Columba palumbus</i>	<i>C.p. iranica</i> & <i>casiotis</i> Turkmenistan, Bukreev 1997. Much of CA, Caucasus, Afghanistan, Gibbs <i>et al</i> (2001), NE Iran R&A 2005. Egypt Avib, BE. <b>IOC division of English name cumbersome.</b>
433	African Olive Pigeon	<i>Columba arquatrix</i>	African species. Rare and local SW Saudi Arabia & Yemen, Porter <i>et al</i> 1996.
434	European Turtle Dove	<i>Streptopelia turtur</i>	<i>S.t arenicola</i> Turkestan. Widespread breeder CA, Caucasus, Afghanistan, Gibbs <i>et al</i> (2001), E Iran R&A 2005. Egypt Avib, BE
435	Dusky Turtle Dove	<i>Streptopelia lugens</i>	SW Arabia – African species, HBW4.
PT	Rufous Turtle Dove	<i>Streptopelia orientalis</i>	
436	Oriental Turtle Dove (Rufous Turtle Dove)	<i>Streptopelia (orientalis) orientalis</i>	May wander from westernmost distribution C Siberia, Gibbs <i>et al</i> 2001.
437	Rufous Turtle Dove (Oriental Turtle Dove)	<i>Streptopelia (orientalis) meena</i>	Not IOC split. Eastern & S CA, Afghanistan, Gibbs <i>et al</i> (2001), Iran (vagrant Scott & Adhami 2006) & NE Kazakhstan Flint <i>et al</i> 1984. PT aspect? Egypt Avib, BE. Occasional Oman IH pers comm
438	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	Turkmenistan, Tadzhikistan, Afghanistan, Gibbs <i>et al</i> (2001), Kazakhstan W&O 2007, Iran R&A 2005. Introduced Bahrain, Lever 2005. Egypt Avib, BE
439	African Collared Dove	<i>Streptopelia roseogrisea</i>	SW Arabia – African species, HBW4. Egypt Avib, BE. Single RNBWS report in Region at Aden Feb 91 at 12:0:0.0N+45:0:0.0E
440	Red-eyed Dove	<i>Streptopelia semitorquata</i>	SW Arabia – African species, HBW4. Single RNBWS report Oct 73 at Ras Binnah at 11:4:0.0N+53:0:0.0E
441	Red Turtle Dove (Red Collared Dove)	<i>Streptopelia tranquebarica</i>	Vagrant Iran, Oman (3 <sup>rd</sup> report October 2006), Afghanistan, Gibbs <i>et al</i> (2001); possibly Afghanistan R&A 2005 (Meinertzhagen report - suspect unless verifiable – Garfield 2007).
442	Spotted Dove	<i>Streptopelia chinensis</i>	E Afghanistan, Gibbs <i>et al</i> (2001); one record NE Afghanistan R&A 2005. Popular cagebird, has been introduced in many countries, Lever 2005.
443	Laughing Dove (Palm Dove)	<i>Streptopelia senegalensis</i>	<i>S.s. ermanni</i> Turkestan. Undetermined ssp in SE Kazakhstan, S Uzbekistan, Tadzhikistan & Kyrgyzstan, sporadic in N; Iran, Afghanistan, Gibbs <i>et al</i> (2001). Also some introductions, eg Almaty, Kazakhstan G&G 2005; ssp <i>ermannii</i> W&O 2007. Egypt Avib, BE.
444	Black-billed Wood Dove	<i>Turtur abyssinicus</i>	African species. Occurred Yemen, Stanton 2005.
445	Namaqua Dove	<i>Oena capensis</i>	Largely African species, resident Arabian peninsula, mostly to W, Porter <i>et al</i> 1996. Origin Kuwait (?) Lever 2005 App B. Egypt Avib, BE, occasional UAE winter PH pers comm.
446	Zebra Dove	<i>Geopelia striata</i>	<b>Popular cagebird.</b> Reported as resident Doha Corniche (Sheraton) Qatar 11Mar 07
447	Bruce's Green Pigeon (Yellow-bellied Pigeon)	<i>Treron waalia</i>	African species. SW Arabia, Yemen to S Oman, Porter <i>et al</i> 1996.
		<b>Loridae</b>	
448	Alexandrine Parakeet	<i>Psittacula eupatria</i>	SE Afghanistan, HBW4. NE Afghanistan R&A 2005. Also common introduction worldwide, including UAE, Bahrain, Saudi Arabia, Lever 2005, Iran Scott & Adhami 2006.
449	Rose-ringed Parakeet (Ring-necked Parakeet)	<i>Psittacula krameri</i>	Introductions: Iraq until 1960s, Iran cities, Egypt, Saudi Arabia, Oman, Yemen, Bahrain, Qatar, UAE, Israel (Kuwait?), Lever 2005. Probably natural Iran-S Afghanistan border, HBW4. NE Afghanistan R&A 2005. Egypt Avib, BE. 3 RNBWS reports Red Sea Feb

			87, 20:0:0.0N+38:0:0.0E, Gulf Nov 89 & Oct 90, 25:0:0.0N+54:0:0.0E & 25:0:0.0N+55:0:0.0E
450	Slaty-headed Parakeet (Himalayan Parakeet)	<i>Psittacula himalayana</i>	E Afghanistan, HBW4, R&A 2005, mapped Grimmett <i>et al</i> 1998.
		<b>Cuculidae</b>	
451	Senegal Coucal	<i>Centropus senegalensis</i>	Egypt, BoA III. Egypt Avib, BE
452	White-browed Coucal	<i>Centropus superciliosus</i>	SW Arabia, HBW4.
453	Pied Cuckoo {Jacobin Cuckoo}	<i>Oxylophus jacobinus</i> (formerly <i>Clamator jacobinus</i> )	<i>Oxylophus</i> because of plumage and wing-shape differences, HBW4. Oman, S Arabia migration overshoots from Indian breeding areas, HBW4. Note Dec 06 report Oman IH pers comm. Breeds SE Iran, R&A 2005, but possibly only one record since 1900, Derek Scott pers comm uncertain status Scott & Adhami 2006.
454	Great Spotted Cuckoo	<i>Clamator glandarius</i>	Breeds N Iraq, Levant, occasional Arabia, HBW4, scarce breeder Scott & Adhami 2006. Egypt Avib, BE
455	Asian Koel	<i>Eudynamis scolopaceus</i>	Vagrant Socotra (RP pers comm) Oman, HBW4, Bahrain Jennings 2007b, breeds NE Afghanistan R&A 2005. Accidental SE Iran 1970s, Derek Scott pers comm.
456	Dideric Cuckoo (Didric Cuckoo)	<i>Chrysococcyx caprius</i>	SE Oman, HBW4. Juveniles being fed by Rüppell's Weavers <i>Ploceus galbula</i> Oman, Jennings <i>in litt</i> .
457	Klaas's Cuckoo	<i>Chrysococcyx klaas</i>	Overshoot from Africa, HBW4.
458	Grey-bellied Cuckoo {(Plaintive Cuckoo)}	<i>Cacomantis passerinus</i>	Vagrant Oman, Porter <i>et al</i> 1996. [Plaintive Cuckoo now <i>C. merulinus</i> ]. Migration overshoot ex NW Pakistan? – HBW4. 1 <sup>st</sup> official record Oct 06 Oman? - Harrison pers comm, awaits OBRC.
459	Common Hawk-Cuckoo (Indian Hawk-Cuckoo)	<i>Hierococcyx varius</i> (= <i>Cuculus varius</i> )	Vagrant from Oman, Porter <i>et al</i> 1996. Overshoots from India?
460	Lesser Cuckoo (Indian Cuckoo)	<i>Cuculus poliocephalus</i>	Internet report for Afghanistan. <b>Documentation?</b> Vagrant Uzbekistan, Turkmenistan (K-M&K 2005)
461	Oriental Cuckoo (Himalayan Cuckoo)	<i>Cuculus saturatus</i> (Some authorities <i>C. optatus</i> )	Breeds extensively Kazakh SW Altai region G&G 2005; W&O 2007 treat as <i>C. optatus</i> . In N of range N of Kazakhstan, parasitizes Olive-backed Pipit <i>Anthus hodgsoni</i> & White Wagtail <i>Motacilla alba</i> Rogacheva 1992. Possible migrant overshoot from Kashmir, HBW4. Vagrant Kyrgyzstan, Ven 2002. Likely just into NE Kazakhstan Flint <i>et al</i> 1984. Superspecies with <i>C. horsfieldi</i> ? IOC regard as conspecific, but HBW4 do not.
462	Horsfield's Cuckoo (Oriental Cuckoo)	<i>Cuculus horsfieldi</i>	Not IOC, but HBW4 species. Breeds N Kazakhstan, HBW4 - elsewhere vagrant or migration overshoot? See <i>C. saturatus</i> .
463	Common Cuckoo	<i>Cuculus canorus</i>	<i>C.c. subtelephonus</i> Turkestan. Widespread breeder N OSME Region, HBW4. Egypt Avib, BE
		<b>Tytonidae</b>	
464	Barn Owl	<i>Tyto alba</i>	Scattered throughout the Middle East, Porter <i>et al</i> 1996 (950+ birds Arabia Jennings 2007a). S Iraq, S Iran, König <i>et al</i> (1999),
		<b>Strigidae</b>	
465	Collared Scops Owl (Indian Scops Owl)	<i>Otus bakkamoena</i>	SE Afghanistan König <i>et al</i> (1999).
466	Pallid Scops Owl (Striated or Bruce's Scops Owl)	<i>Otus brucei</i>	N Middle East, Afghanistan - König <i>et al</i> (1999) (3100 birds Arabia Jennings 2007a), all 'stans (K-M&K 2005) (S&E of Aral Flint <i>et al</i> 1984), resident Uzbekistan (Kreuzberg-Mukhina <i>et al</i> 2005), Iran Scott & Adhami 2006; mostly W Kyrgyzstan, Ven 2002 rare breeder S-C & SE Kazakhstan W&O 2007. Egypt Avib, BE
467	African Scops Owl	<i>Otus senegalensis</i>	Resident SW Yemen (just into Saudi Arabia) & NE to S Oman, Porter <i>et al</i> 1996.
468	Eurasian Scops Owl (European or Common Scops Owl)	<i>Otus scops</i>	In all CA countries (24000 birds Arabia Jennings 2007a), mostly away from CA desert & semi-desert centre, Afghanistan König <i>et al</i> (1999), Egypt Avib, BE
469	'Socotra' Scops Owl'	<i>Otus</i> sp	<b>Description in prep- R Porter.</b> Song as <i>O. sunia</i> , nearest population of which is in W India; DNA not done yet. König <i>et al</i> (1999) speculate ssp of <i>O. brucei</i> , <i>O. senegalensis</i> , or full sp. English name informal @ OSME.
470	Snowy Owl	<i>Bubo scandiaca</i> (formerly <i>Nyctea scandiaca</i> )	Wintering birds only in CA, König <i>et al</i> 1999. Follow BOU re <i>Bubo</i> . Vagrant NW Pakistan R&A 2005. Rare winter visitor N Kazakhstan G&G 2005, W&O 2007, <b>Uzbekistan (Elena Kreuzberg-Mukhina in litt)</b> . Irregular winter visitor Iran S Caspian shores (Ghaemi 2006), vagrant Scott & Adhami 2006.
<b>PT</b>	<b>Eagle Owl</b>	<b><i>Bubo bubo</i></b>	<b>PT – ascalaphus &amp; interpositus reported often as <i>B. bubo</i>. Egypt BE. NB 1450+ birds Arabia Jennings 2007a.</b>
471	Eurasian Eagle Owl {Eurasian Eagle-Owl}	<i>Bubo (bubo) bubo</i>	<i>B.b. turcomanus</i> & <i>omissus</i> Turkestan. Breeds Caucasus, CA, Iran, Afghanistan, HBW5. Rare across Kazakhstan, but 6 ssp involved (including <i>interpositus</i> , see below, but omitting <i>omissus</i> W&O 2007) G&G 2005; Kazakh ssp <i>ruthenus</i> , <i>yenisseensis</i> , <i>turcomanus</i> , <i>hemechalanus</i> rare breeders in separate habitat niches, <i>sibiricus</i> winter W&O 2007. Existence and extent of clines unknown. <b>Apparent 'quarantine corridor' between this and Dusky Eagle Owl <i>B. coromandus</i> from coast mid-Pakistan N to Kashmir then SE to Nepal. ??? R&amp;A 2005.</b>
472	'Byzantine Eagle Owl' {Eurasian Eagle-Owl}	<i>Bubo (bubo) interpositus</i> (= <i>B. interpositus</i> ?)	König <i>et al</i> (1999) cite DNA work of Wink & Heidrich (1999) to support full species. Caucasus, Asia Minor S to Palestine, E to Iran. Common SW Kazakhstan W&O 2007. English name informal © OSME
473	Pharaoh Eagle Owl {Pharaoh Eagle-Owl} (Desert Eagle Owl)	<i>Bubo (bubo) ascalaphus</i>	Egypt N to Syria, E to Gulf, SE to Oman, HBW5. On-line report for Iraq; disagree, but see <i>B. (b.) interpositus</i> above. <b>Documentation?</b> Egypt Avib, BE
474	Spotted Eagle Owl {Spotted Eagle-Owl}	<i>Bubo africanus</i>	Mainly sub-equatorial African species, but populations in SW Saudi Arabia-N Yemen and Oman (4000 birds Jennings 2007a) possibly represent full species, HBW1. RNBWS report Kuria Muria Is Nov 87.
475	Brown Fish Owl	<i>Ketupa zeylonensis</i>	NW Levant, Iran (scarce Scott & Adhami 2006), ssp <i>semenowi</i> ; Iraq König <i>et al</i> (1999), on-line report for S Afghanistan. <b>Documentation?</b>
476	Tawny Owl	<i>Strix aluco</i>	<i>S.a. wilkenskii</i> , <i>haermsi</i> Turkmenistan, Bukreev 1997; König <i>et al</i> (1999) not mapped here; cites 'Turkestan'. CA (Kazakhstan, <i>siberiae</i> vagrant <i>harmsi</i> rare resident W&O 2007), (Iran Scott & Adhami 2006) not Afghanistan König <i>et al</i> (1999) contra R&A 2005 - NE Afghanistan,
477	Hume's Owl (Hume's Tawny Owl)	<i>Strix butleri</i>	Patchily from S Israel to Arabian Peninsula, HBW5 (1700 birds Arabia Jennings 2007a). Perhaps Iran König <i>et al</i> (1999), but

			unlikely, Derek Scott pers comm. Egypt Avib, BE. Aural report S Oman Wadi A'Shuwaymiyah Dec 06, 2 Khor Mughsayl Jan 07, IH pers comm.
478	Ural Owl	<i>Strix uralensis</i>	N Kazakhstan (K-M&K 2005), HBW5, rare easternmost resident W&O 2007. Breeds also Altai G&G 2005. Probably also just inside NE Kazakh border Flint <i>et al</i> 1984.
479	Great Grey Owl	<i>Strix nebulosa</i>	N Kazakhstan (K-M&K 2005), HBW5, rare resident easternmost Kazakhstan W&O 2007 <i>lapponica</i> .
480	Northern Hawk-Owl	<i>Surnia ulula</i>	Easternmost Kazakhstan ( <i>ulula</i> rare, <i>tianschanica</i> common W&O 2007), Kyrgyzstan König <i>et al</i> (1999), perhaps Tadjhikistan, HBW5. Isolated population N Kyrgyzstan, Ven 2002 (Tadjhikistan?).
481	Eurasian Pygmy Owl	<i>Glaucidium passerinum</i>	N Kazakhstan (K-M&K 2005), König <i>et al</i> (1999), HBW5, e-most Kazakhstan only, rare W&O 2007. Also SE Kazakhstan G&G 2005.
482	Collared Owlet	<i>Glaucidium brodiei</i>	Afghanistan not supported in König <i>et al</i> (1999), map stops conveniently just short of Afghanistan corridor to China (the 'China strip'), as does that in HBW5. However, resident NE Afghanistan in R&A 2005, mapped Grimmett <i>et al</i> 1998.
483	Little Owl	<i>Athene noctua</i>	<i>A.n. bactriana</i> & <i>orientalis</i> Turkmenistan, Bukreev 1997, these & <i>indigena</i> & <i>plumipes</i> Kazakhstan W&O 2007. (5700 birds Arabia Jennings 2007a) CA, Caucasus, Afghanistan König <i>et al</i> (1999), E Iran R&A 2005. Egypt Avib, BE
484	Spotted Owlet (Spotted Little Owl)	<i>Athene brama</i>	SE Iran, Afghanistan König <i>et al</i> (1999). R&A say verification (specimen) needed, mapped Grimmett <i>et al</i> 1998..
485	Boreal Owl (Tengmalm's Owl)	<i>Aegolius funereus</i>	Caucasus, N & SE Kazakhstan, König <i>et al</i> (1999), ssp <i>pallascens</i> Kazakhstan W&O 2007. Possibly Kyrgyzstan, Tadjhikistan, N Afghanistan – map HBW5. Presumed resident (NE Afghanistan) R&A 2005. Widespread resident Kyrgyzstan, Ven 2002, confirming Flint <i>et al</i> 1984.
486	Long-eared Owl	<i>Asio otus</i>	CA, Caucasus, Afghanistan König <i>et al</i> (1999) winters to S, HBW5. Egypt Avib, BE
487	Short-eared Owl	<i>Asio flammeus</i>	CA, Caucasus, Afghanistan König <i>et al</i> (1999); HBW5 has wintering not breeding CA, Iran Afghanistan. Egypt Avib, BE. Occasional Oman IH pers comm <i>eg</i> Dec 06.
		<b>Caprimulgidae</b>	
488	European Nightjar (Eurasian Nightjar)	<i>Caprimulgus europaeus</i>	<i>C.e. unwini</i> Turkmenistan, Bukreev 1997. Breeds Caucasus, CA (ssp passage <i>europaeus</i> , breeding <i>sarudnyi</i> & rare passage <i>plumipes</i> Kazakhstan W&O 2007), Iran, Afghanistan, winters E Africa, HBW5. Egypt Avib, BE
489	Egyptian Nightjar	<i>Caprimulgus aegyptius</i>	<i>C.a. arenicolor</i> Turkmenistan, Bukreev 1997. Breeds mid-C CA (rare S-C Kazakhstan W&O 2007), likely on migration any OSME country-Cleere & Nurney (C&N) 1998, breeds SW Afghanistan, E Iran R&A 2005. Egypt Avib, BE. Not confirmed Kyrgyzstan, Ven 2002.
490	Sykes's Nightjar	<i>Caprimulgus mahrattensis</i>	SE Iran, SE Afghanistan-C&N 1998, HBW5, R&A 2005.
491	Nubian Nightjar	<i>Caprimulgus nubicus</i>	Largely African species with populations along E Red Sea & S Arabian coast, HBW5. Egypt Avib, BE
492	Montane Nightjar (Mountain or Abyssinian Nightjar)	<i>Caprimulgus poliocephalus</i>	Probably resident SW Saudi Arabia, Porter <i>et al</i> 1996. NB Ruwenzori Nightjar <i>C. ruwenzorii</i> formerly was called Montane Nightjar-C&N 1998.
493	Indian Nightjar	<i>Caprimulgus asiaticus</i>	Indian/SE Asian species HBW5, vagrant SE Iran, Porter <i>et al</i> 1996, may breed Scott & Adhami 2006. Reported NW Afghanistan R&A 2005.
494	Plain Nightjar	<i>Caprimulgus inornatus</i>	African sub-Saharan species with breeding population SE Red Sea coast, winters Africa, HBW5. RNBWS report Kuria Muria Is Nov 87.
		<b>Apodidae</b>	
495	White-throated Needletail	<i>Hirundapus caudacutus</i>	Uzbekistan? Kazakhstan (K-M&K 2005). Map - breeding NE Kazakhstan, HBW5, perhaps Kyrgyzstan (supported by map in Shimba 2007). Possible Kazakh Altai breeder G&G 2005, map in Flint <i>et al</i> 1984 supportive, W&O 2007 treat as vagrant.
496	African Palm Swift	<i>Cypsiurus parvus</i>	African species with population in SW Arabia, HBW5. Egypt Avib, BE
497	Alpine Swift	<i>Tachymarptis melba</i> (formerly <i>Apus melba</i> )	<i>T.m tuneti</i> Turkmenistan, Bukreev 1997. CA (K-M&K 2005), Chantler & Driessens (1995), Caucasus, Iran, Afghanistan, HBW5. SE Uzbekistan, S Tadjhikistan R&A 2005. Rare breeder S Kazakhstan G&G 2005, W&O 2007. Egypt Avib, BE. Breeds N Kyrgyzstan & W Tien Shan, Ven 2002.
498	Common Swift	<i>Apus apus</i>	<i>A.a. pekinensis</i> Turkmenistan Bukreev 1997, this & <i>apus</i> Kazakhstan W&O 2007. Caucasus, CA, Iran, Afghanistan, HBW5. Egypt Avib BE
499	Pallid Swift	<i>Apus pallidus</i>	Breeds Middle East, S Iran, winters sub-Saharan Africa, some (resident Scott & Adhami 2006) in SE Iran, HBW5. Egypt Avib, BE
500	Forbes-Watson's Swift	<i>Apus berliozii</i>	Resident Socotra, encountered occasionally in S of Region, HBW5, reported 2006 islands near Aden Jennings 2007b..
501	Fork-tailed Swift (Pacific Swift)	<i>Apus pacificus</i>	Breeds E Kazakhstan (SW Altai G&G 2005), rare W&O 2007, migrant easternmost OSME Region, vagrant elsewhere, HBW5.
502	Little Swift [House Swift]	<i>Apus affinis</i>	<i>A.af. galilejensis</i> Turkmenistan, Bukreev 1997. African species, but resident also SW Arabia, breeds Levant, Iran, very locally CA, HBW5. Breeds E Afghanistan, SE Tadjhikistan R&A 2005. Egypt Avib, BE. Vagrant Oman Oct 06 IH pers comm, also UAE PH pers comm.
503	White-rumped Swift	<i>Apus caffer</i>	Sub-Saharan African species, recorded Arabia, HBW5.
		<b>Coraciidae</b>	
504	Purple (Rufous-crowned) Roller	<i>Coracias naevius</i>	African species, vagrant Yemen, HBW6.
505	Indian Roller	<i>Coracias benghalensis</i>	Partly resident Iraq, Iran, Oman, HBW6, NE Afghanistan R&A 2005.
50	Lilac-breasted Roller	<i>Coracias caudatus</i>	African species, vagrant Yemen, HBW6.
507	Abyssinian Roller	<i>Coracias abyssinicus</i>	African species, resident population SW Yemen, HBW6. Egypt Avib, BE
508	European Roller	<i>Coracias garrulus</i>	<i>C.g. semenowi</i> Turkmenistan, Bukreev 1997 this & <i>semenowi</i> W&O 2007. Breeds Caucasus, CA (avoiding most desert Flint <i>et al</i> 1984), Iran, Afghanistan, winters Africa, HBW6. Egypt Avib, BE
		<b>Alcedinidae</b>	

509	White-throated Kingfisher (White-breasted Kingfisher)	<i>Halcyon smymensis</i>	Resident W Mediterranean coasts, Iraq, Kuwait, Iran, NE Afghanistan, HBW6. Egypt Avib, BE
510	Grey-headed Kingfisher	<i>Halcyon leucocephala</i>	Resident African species, with breeding populations SW Arabia S Yemen just to Oman, HBW6.
511	Collared Kingfisher (White-collared Kingfisher)	<i>Todirhamphus chloris</i> (formerly <i>Halcyon chloris</i> )	Africa to S Pacific; S Red Sea coasts, hinterland, SW Arabia, Oman, HBW6. Egypt Avib, BE
512	Malachite Kingfisher	<i>Alcedo cristata</i>	African species, 2 records (resident?) Yemen, HBW6. Recorded Oman 2004, IH, in press.
513	Common Kingfisher (European Kingfisher)	<i>Alcedo atthis</i>	Resident Caucasus, SE Iraq, SW & NW Iran, breeds CA, Afghanistan, winters N Red Sea, Gulf, S Iran, HBW6. Egypt Avib, BE
514	Crested Kingfisher	<i>Megaceryle lugubris</i>	NE Afghanistan-AAC, IOC, Fry <i>et al</i> 1992, HBW6.
515	Pied Kingfisher	<i>Ceryle rudis</i>	Fry <i>et al</i> 1992, resident Levant, Syria, Iraq, SW Iran, NW Afghanistan; HBW6. Egypt Avib, BE
		<b>Meropidae</b>	
516	White-throated Bee-eater	<i>Merops albicollis</i>	African species with breeding population SW Arabia, HBW6.
517	Green Bee-eater (Little Green Bee-eater)	<i>Merops orientalis</i>	Resident Israel, Egypt, round Arabian coasts, C Arabia, S Iran, HBW6, perhaps Afghanistan (Meinertzhagen - suspect unless verifiable – Garfield 2007), R&A 2005. Egypt Avib, BE
518	Blue-cheeked Bee-eater [Madagascar Bee-eater]	<i>Merops persicus</i> (formerly subsumed in <i>M. superciliosus</i> )	Breeds E Caucasus, CA (not C & N Kazakhstan Flint <i>et al</i> 1984, but W & S Kazakhstan W&O 2007), Iran, Afghanistan, winters Africa, HBW6. Rare breeder N Kyrgyzstan, Ven 2002. NB <i>M. superciliosus</i> is now Madagascar Bee-eater. Late report: Dec 06 Oman IH pers comm. Egypt Avib, BE
519	European Bee-eater	<i>Merops apiaster</i>	Breeds Caucasus, CA (incl NE Kazakhstan Flint <i>et al</i> 1984), Iran, Afghanistan, winters Africa, HBW6. Egypt Avib, BE
		<b>Upupidae</b>	
520	Eurasian Hoopoe	<i>Upupa epops</i>	Breeds Caucasus, CA (largely absent between Caspian and Aral & much of C & N Kazakhstan Flint <i>et al</i> 1984), Iran (some resident), Afghanistan, winters to S; resident Arabia, HBW6. Egypt Avib, BE
		<b>Bucerotidae</b>	
521	African Grey Hornbill	<i>Tockus nasutus</i>	African species, resident population SW Arabia, HBW5.
		<b>Picidae</b>	
522	Eurasian Wryneck	<i>Jynx torquilla</i>	Breeds W Caucasus, N-C & NE Kazakhstan, migrant through Region to India or sub-Saharan Africa, HBW7. Egypt Avib, BE. Migrant Kyrgyzstan, Ven 2002.
523	Speckled Piculet	<i>Picumnus innominatus</i>	NE Afghanistan- Winkler <i>et al</i> (1995), HBW7.
524	Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>	Resident Caucasus, Iraq, NW Iran, N Kazakhstan (rare resident W&O 2007), HBW7.
525	Brown-fronted Woodpecker	<i>Dendrocopos auriceps</i>	NE Afghanistan, Winkler <i>et al</i> (1995), IOC, HBW7, mapped Grimmett <i>et al</i> 1998.
526	Arabian Woodpecker	<i>Dendrocopos dorae</i>	SW Arabia, E Red Sea coast, HBW7.
527	Middle Spotted Woodpecker	<i>Dendrocopos medius</i>	Caucasus, Iraq (?), N-C & NE Kazakhstan, N & SW Iran, HBW7
528	White-backed Woodpecker	<i>Dendrocopos leucotos</i>	Caucasus, NW & NE Kazakhstan (rare resident W&O 2007), HBW7.
529	Himalayan Woodpecker	<i>Dendrocopos himalayensis</i>	NE Afghanistan, Winkler <i>et al</i> (1995), IOC, HBW7, mapped Grimmett <i>et al</i> 1998.
530	Sind Woodpecker (Pied Woodpecker)	<i>Dendrocopos assimilis</i>	SE Iran, perhaps into Afghanistan (?), HBW7, R&A 2005, map in Grimmett <i>et al</i> 1998 suggests Afghanistan possible.
531	Syrian Woodpecker	<i>Dendrocopos syriacus</i>	Caucasus, NE Iraq, W Iran, HBW7, possibly W Afghanistan R&A 2005. Egypt Avib, BE
532	White-winged Woodpecker	<i>Dendrocopos leucopterus</i>	CA (SE Kazakhstan Flint <i>et al</i> 1984, scarce W&O 2007) (K-M&K 2005). <i>D.l. albipennis</i> & <i>leptorhynchus</i> Turkmenistan, Bukreev 1997. CA, perhaps N Iran, HBW7, but all suitable habitat in extreme NE has disappeared, Derek Scott pers comm no records since 1950s Scott & Adhami 2006. N Afghanistan, R&A 2005. Resident Kyrgyzstan, Ven 2002.
533	Great Spotted Woodpecker	<i>Dendrocopos major</i>	Caucasus, N Kazakhstan, Kyrgyzstan, Tadjhikistan, HBW7, not S Kazakhstan W&O 2007, Iran Scott & Adhami 2006.
534	Eurasian Three-toed Woodpecker	<i>Picoides tridactylus</i>	N & SE Kazakhstan (Easternmost & SE Kazakhstan only, ssp <i>tridactylus</i> & <i>tianschanicus</i> rare residents W&O 2007), Kyrgyzstan, K-M&K (2005). NB separated from Nearctic American Three-toed Woodpecker <i>P. dorsalis</i> .
535	Black Woodpecker	<i>Dryocopus martius</i>	Caucasus, N Iran, N & NE Kazakhstan (rare resident W&O 2007), HBW7.
536	Scaly-bellied Woodpecker	<i>Picus squamatus</i>	<i>P.s. flavirostris</i> SE Turkmenistan, Bukreev 1997. Afghanistan, Winkler <i>et al</i> (1995), HBW7; mapped Afghanistan Grimmett <i>et al</i> 1998; E Iran R&A 2005, but unlikely since Zarudny (1911), habitat lacking, Derek Scott pers comm, no records since 1950s Scott & Adhami 2006 .
537	European Green Woodpecker (Eurasian Green Woodpecker)	<i>Picus viridis</i>	Caucasus, NE Iraq, N Iran, HBW7.
538	Grey-faced Woodpecker (Grey-headed Woodpecker)	<i>Picus canus</i>	N Kazakhstan, HBW7, <i>canus</i> vagrant <i>jessoensis</i> rare breeder e'most Kazakhstan W&O 2007. NB Grey-headed Woodpecker is now name used for <i>Dendropicos spodocephalus</i> of E Sudan to Tanzania.

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The 'Notes' column of this Table uses abbreviated versions of many of the References given below and so these abbreviations are also given below. NB IH = Ian Harrison, former Oman collator of reports and PH = Peter Hellyer, former UAE collator of reports.

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