



Detailed draft conclusions on the representation of bird species from Res. No. 6 (1998) of the Bern Convention in proposed Emerald sites in Belarus, the Republic of Moldova and Ukraine



Important Notes

1. This document includes all species reported present in the countries from the Emerald database (Databases analysed: Belarus and the Republic of Moldova: final delivery 2017, Ukraine final delivery 2016) and those species which are probably present according to literature data

2. Glossary:

SUF (Sufficient): the occurrence of the species/habitat type is sufficiently well covered by the current ASCIs; no further sites are required.

IN MIN (Insufficient minor): no new sites are required, but this species/habitat type should be added to the list of qualifying features on one or several of sites that have already been proposed for other species/habitat types.

IN MOD (Insufficient moderate): one or several additional ASCIs (or extensions of ASCIs) must be proposed to achieve a sufficient coverage of the Emerald network for this species/ habitat type (IN MOD GEO means additional site(s) are only required in a specifically named region)

IN MAJ (Insufficient major): none of the sites where this species/habitat type occurs have been proposed as ASCIs so far; in order to achieve a sufficient coverage of the Emerald network for the species/habitat type, one or several of these new ASCIs must therefore be proposed.

SR (Scientific reserve): further research is required to identify the most appropriate ASCIs for this species/habitat type (research on identifying the most appropriate sites, on clarifying the correspondence of a habitat present to the definition of Res. 4 habitats, etc.)

SR Ref List (Scientific reserve on the Reference List): the regular occurrence of this species/habitat type is still uncertain and needs to be confirmed

Delete Ref List (delete from the Reference List): this species/habitat type is not naturally occurring and will be removed from the Reference List; no sites are required for this species/habitat type

CD (Correction of data): the information about this species/habitat type in the Standard Data Form needs to be corrected/completed/deleted

Codes can be combined, for example 'IN MOD/ CD' would indicate that additional sites are required and that the existing proposals need correcting or completing.

All conclusions from the previous seminar are listed, including those who were SUF or EXCL REF LIST. Only if important changes have been noted, the discussion will be re-opened

In the column 'Draft Conclusion Comments', we very often refer to abbreviations (SDF, BiE3, IBA, EBCC): they are explained in the section 'References' at the end of the document.

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
Gaviiformes								
A001	Gavia stellata	BY	EXCL REF LI				Species has been deleted from one site.	-
A001	Gavia stellata	MD	IN MOD	1 site (Naslavcea Soroka)	4	(4B)	Deleted from one site, added to 4 existing sites; in one case site's area has been increased. Presumably only wintering birds, not numerous? But no site name similar to "Naslavcea Soroka" in the database.	?
A001	Gavia stellata	UA	SUF/CD		17	(1C 16D)	BiE3: Wi= (i10-100); SDF: c=(16- 55i), w=(8- 27i). Added to several existing sites. Conclusion remains.	SUF
A002	Gavia arctica	BY	IN MOD	1 site - Surmino	32	(1A 3B 22C 6D)	BiE3: Br= (p10-12), Wi= (i0-5) SDF: c=(103- 577i); r= (15- 32p). Surmino has been added together with several other new sites in the north. Sites seem to cover the breeding range (as reported in Red Book) sufficiently.	SUF?
A002	Gavia arctica	MD	IN MOD	1 site in the N	5	(5B)	BiE3: Wi= (i0-0); SDF: w=(49- 93i). Added to an existing site on Dniestr, but corresponding IBA site seems to be larger. Is it a significant difference? None of sites show very high numbers.	?
A002	Gavia arctica	UA	SUF/CD		54	(36C 18D)	BiE3: Wi= (i500-700); SDF: c=(1726-12255i); w=(138- 128i). Added to many new and existing sites. Conclusion remains sufficient.	SUF
Podicipediformes								
A007	Podiceps auritus	BY	EXCL REF LI				-	-
A007	Podiceps auritus	UA	SUF		20	(5C 15D)	BiE3: Br= (p0-5), Wi= (i10-30); SDF: c=(73- 231i) w=(26- 16i). No deletions; conclusion remains.	SUF
Pelecaniformes								
A019	Pelecanus onocrotalus	MD	IN MIN	Congaz-Taraklia Lakes	4	(1A 1B 2C)	SDF: c=(400- 1000i); Congaz-Taraklia Lakes are included in site MD0000016 "Stepa Bugeacului"; species added to the SDF; probably SUF ?	probably SUF?

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A019	Pelecanus onocrotalus	UA	SUF		22	(10A 4B 6C 2D)	BiE3: Br= (p14-150) SDF: c=(16573- 6929i) r=(4520-700i) (300- 550p) ; species added to 6 more sites; no need for further discussion.	SUF
A020	Pelecanus crispus	MD	SUF		2	(2B)	SDF: c=(4- 16i); no change according to 2015; no need for further discussion.	SUF
A020	Pelecanus crispus	UA	IN MIN	e.g. Dnestrovsky Liman	12	(3A 1B 3C 5D)	BiE3: Br= (p3-14) SDF: c=(104- 165i) p=(1- 1i) r=(1- 5i) (2- 26p) w=(11- 60i) ; species added to 6 more sites, including Dnestrovsky Liman. Small part of IBA around Danube Delta biosphere reserve not covered. Is this essential for the species ? Probably SUF ?	probably SUF?
A392	Phalacrocorax aristotelis desmarestii	UA	SUF/CD	CD - exclude the Northern most site	7	(3A 2B 2C)	SDF: r= (387- 384p) w=(100- 70i); species added to two more sites and removed from the Northern most site (CD); no need for further discussion	SUF
A393	Phalacrocorax pygmeus	MD	SUF/CD	CD - exclude N sites	6	(6C)	SDF: r= (24- 63p); the species is added to one site, but the northern site is still present ? CD?	SUF/CD
A393	Phalacrocorax pygmeus	UA	IN MOD	Delta Dniepr, Snake island	17	(4A 4B 4C 5D)	SDF: c=(670- 555i) r=(1- 5i) (380- 1100p) w=(154- 10i) ; the species has been added to 6 sites, including the Dniepr Delta, but at the same time deleted from 3 sites. Are the deletions corrections ?	?
Ciconiiformes								
A021	Botaurus stellaris	BY	IN MOD	E part	56	(6B 47C 3D)	BiE3: Br= (c1000-1800) SDF: r=(275- 368i) (270- 705p) (10- 15males); species added to 16 sites, including the east part. 1 IBA not covered in the Prypyat valley? Importance for the species ? Probably SUF ?	probably SUF?
A021	Botaurus stellaris	MD	IN MIN/CD	IN MIN (Congaz-Taraklia Lakes), CD - pop. Sizes	6	(4B 2C)	BiE3: Br= (c30-70) SDF: r= (63- 101p); species added to 2 sites, including the Cpngaz-Taraklia Lakes. Species is present in Ukrainian bordering sites in the N-East, Dnister river? Geographical gap ? CD: population sizes seem to be corrected.	?

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A021	Botaurus stellaris	UA	IN MOD	check IBAs	147	(14B 122C 11D)	BiE3: Br= (c10000-15000) SDF: c=(5518- 4110i) r=(5- 20i) (2711- 1774p) w=(115- 51i); species added to 63 sites, deleted from 6 sites. Part of IBA's not covered (Udai River, 1 near Kharkiv and 1 north of Melitopol). Importance for the species ?	?
A022	Ixobrychus minutus	BY	IN MOD	central part	35	(3B 31C 1D)	BiE3: Br= (p600-1000) SDF: r=(5- 20i) (160- 401p); species added to 12 sites. But the central part still looks not well covered. EBCC Atlas also suggest wider presence in central part ?	IN MOD/IN MIN ?
A022	Ixobrychus minutus	MD	IN MIN	Lower Dniestrer River, Congaz-Taraklia Lakes	7	(2B 5C)	No sites in 2015; species added to 7 sites; EBCC Atlas suggest presence in almost whole country?	IN MOD/IN MIN ?
A022	Ixobrychus minutus	UA	IN MOD		152	(1A 35B 104C 12D)	BiE3: Br= (p13200-22300) SDF: c=(7524- 7030i) p=(1- 1i) r=(57- 115i) (6185- 3580p); 68 sites added, 5 deleted. Several IBA's not covered in centre-east suggesting part of the important sites not covered?	IN MOD/IN MIN?
A023	Nycticorax nycticorax	BY	SUF/CD		5	(4A 1B)	BiE3: Br= (p30-70) SDF: r= (23- 78p); species deleted from 1 site in the west as requested in 2015 (wintering/staging error ?). No need for further discussion.	SUF
A023	Nycticorax nycticorax	MD	IN MIN/IN MOD	IN MIN - Congaz-Taraklia Lakes, IN MOD -Gedigich lake	8	(3A 3B 2C)	BiE3: Br= (p500-900) SDF: r= (286- 527p); species added to 3 sites including Congaz-Taraklia Lakes, but Gedichichi lake is not yet a site: IN MOD ?	IN MOD ?
A023	Nycticorax nycticorax	UA	IN MOD		68	(1A 5B 56C 6D)	BiE3: Br= (p10400-12900) SDF: c=(6858- 1675i) r=(25- 70i) (1587- 395p); species added to 35 sites and deleted from 2; 2 IBA's not covered in centre and 3 not or incomplete coverage in the south. What is the importance of the sites for the species? IN MOD/IN MIN ?	IN MOD/IN MIN?
A024	Ardeola ralloides	MD	SUF		3	(3B)	BiE3: Br= (p20-50) SDF: r= (42- 85p); species deleted from 1 site. Is this a correction ? Still SUF ?	?

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A024	Ardeola ralloides	UA	SUF		31	(4A 3B 18C 6D)	BiE3: Br= (p1100-1300) SDF: c=(709- 207i) r=(5- 10i) (251- 15p); species added to 10 sites; no need for further discussion	SUF
A026	Egretta garzetta	MD	IN MIN	Congaz-Taraklia Lakes	9	(1A 6B 2C)	BiE3: Br= (p200-300) SDF: r= (112- 139p) w=(20- 40i); species added to 4 sites, including Congaz-Taraklia Lakes. But two large IBA's in centre not included. IN MIN ?	IN MIN ?
A026	Egretta garzetta	UA	SUF/CD	CD - check for status in Central part	93	(1A 25B 54C 13D)	BiE3: Br= (p4100-4600) SDF: c=(5771- 2812i) p=(1- 1i) (2- 6p) r=(69- 90i) (1197- 209p) w=(22- 100i); species added to 39 sites but deleted from 10 sites. Are the deletions corrections ?	?
A027	Casmerodius albus/ Egretta alba/ Ardea alba	BY	IN MOD/CD	IN MOD - NE part, CD - check status	33	(1A 11B 15C 6D)	SDF: c=(625- 1100i) (30- 100p) p= (5- 15p) r= (250- 585p); species added to 3 sites and deleted from 1. no changes in NE ? IN MOD ?	IN MOD ?
A027	Casmerodius albus/ Egretta alba/ Ardea alba	MD	IN MOD	3 sites	10	(5B 5C)	SDF: r= (10- 20p) w=(70- 120i); species added to 9 sites. 1 IBA not completely covered in NE, river Prut. Importance for the species ?	?
A027	Casmerodius albus/ Egretta alba/ Ardea alba	UA	SUF		139	(3A 17B 105C 14D)	SDF: c=(10194- 6462i) p=(2- 2i) r=(112- 53i) (2007- 1806p) w=(403- 108i); species added to 52 sites and deleted from 6. Are the deletions corrections? probably SUF ?	probably SUF?
A029	Ardea purpurea	MD	IN MOD	N part	8	(7B 1C)	BiE3: Br= (p30-50) SDF: r= (56- 90p); species added to 5 sites, including N-part and deleted from 1. probably SUF ?	probably SUF?
A029	Ardea purpurea	UA	IN MOD		92	(72C 20D)	BiE3: Br= (p6700-11900) SDF: c=(2353- 1367i) r=(20- 31i) (772- 550p); species added to 44 sites and deleted from 6. A number of IBA's not covered in centre and south? Importances of the IBA's for the species ? IN MOD/IN MIN ?	IN MOD/IN MIN ?
A030	Ciconia nigra	BY	SUF		77	(7B 69C 1D)	BiE3: Br= (p1000-1500) SDF: c=(6- 25i) r= (323- 603p); species added to 29 sites, deleted from 2. Are the deletions corrections ? No need for further discussion ?	SUF

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A030	Ciconia nigra	MD	SUF/CD	CD - change status	10	(10C)	BiE3: Br= (p3-6) SDF: r=(11- 24i) (79- 128p); species added to 3 sites. Should we keep the CD for status ? All breeding sites ?	SUF/CD?
A030	Ciconia nigra	UA	IN MOD	particularly W part	119	(24B 82C 13D)	BiE3: Br= (p900-1100) SDF: c=(1380- 981i) r=(0- 1i) (207- 266p); species added to 56 sites including W part and deleted from 3. 4 large IBA's not covered (Carpathians and centre-north), importance of the IBA's for the species ?	?
A031	Ciconia ciconia	BY	IN MIN		31	(30C 1D)	BiE3: Br= (p21300-21500) SDF: c=(60- 320i) r= (719- 1231p); species added to 9 sites and deleted form 1 site. Is the centre part sufficiently covered? EBCC atlas suggests wider presence in the centre ?	?
A031	Ciconia ciconia	MD	IN MIN		11	(1A 5B 5C)	BiE3: Br= (p400-600) SDF: r= (440- 669p); species added to 6 sites. 1 IBA not fully covered (river Prut). Importance for the species ? possibly SUF ?	probably SUF?
A031	Ciconia ciconia	UA	IN MIN	Geographical coverage	148	(6B 124C 18D)	BiE3: Br= (p26200-32400) SDF: c=(10693- 10001i) r=(11- 50i) (968- 1044p); species added to 84 sites, well spreath over the country. Probably SUF ?	probably SUF?
A032	Plegadis falcinellus	MD	IN MIN/CD	IN MIN - Lower Prut	3	(3B)	BiE3: Br= (p5-10) SDF: r= (3- 6p); species added to 3 sites (including Lower Prut) and deleted from 1 (Nistrul de Jos). Is the deletion correct (see neighbouring Ukrainian site) ?	?
A032	Plegadis falcinellus	UA	IN MOD	e.g. Odesa region	24	(2A 5B 11C 6D)	BiE3: Br= (p1700-3600) SDF: c=(1731- 1430i) r= (1441- 200p); species added to 10 sites, including Odessa region. Probably SUF? What about wintering/staging sites in the West ?	probably SUF?
A034	Platalea leucorodia	MD	IN MIN	Taraklia-Congaz Lakes	6	(3B 3C)	BiE3: Br= (p10-20) SDF: c=(15- 20i) r=(10- 12i) (35- 60p); species added to 1 site which include the Taraklia-Congaz Lakes. Deleted from 1 site (Plaiul Fagului). Is this a correction ?	?

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A034	Platalea leucorodia	UA	IN MOD	e.g. Odesa	26	(2A 6B 14C 4D)	BiE3: Br= (p200-250) SDF: c=(447- 190i) r=(101- 0i) (114- 96p); species added to 14 sites, including Odessa region. Are the N-western sites correct ? Also bordering Polish N2000 sites ?	probablyly SUF?
Anseriformes								
A037	Cygnus bewickii	BY	SUF		3	(3D)	No changes. Small numbers during migration.	SUF
A037	Cygnus bewickii	MD	IN MAJ	2 sites	2	(2B)	Added to two existing sites. Small numbers (no population sizes given in SDFs)? Possibly sufficient?	SUF?
A037	Cygnus bewickii	UA	SUF		17	(6A 6B 5D)	Several additions, one deletion; probably conclusion remains SUF.	SUF
A038	Cygnus cygnus	BY	IN MOD	2 Central and 1 W site	33	(4B 25C 4D)	BiE3: Br= (p40-50), Wi= (i0-10) SDF: c=(16- 37i), r= (25- 78p). 2 sites added in the centre and one small one near Grodno. In addition several new sites added in the NW as breeding areas. Breeding population seems to be substantially covered.	SUF?
A038	Cygnus cygnus	MD	IN MOD	2 S sites, 1 N site	9	(5B 4C)	BiE3: Wi= (i10-150) SDF: w=(190- 265i). 2 new sites - one in N and one in S; added to 2 existing sites. The wintering population seems to be sufficiently covered?	SUF?
A038	Cygnus cygnus	UA	IN MOD/CD	IN MOD - 1 more breeding site in Chernobyl, CD - check status	51	(2A 12B 28C 9D)	BiE3: Wi= (i500-3000) SDF: c=(2871- 633i); r= (3- 8p) w=(1522- 4480i). Has the "breeding site Chernobyl" been checked? The species has been deleted from about 5 sites in the Chernobyl area. Is breeding confirmed in UA?	?
A042	Anser erythropus	BY	EXCL REF LIST	-			Deleted from 6 sites. Still, IBA "Middle Pripyat" has this species listed with a 50-250 individuals indicated occurring during passage (year 1995). No more recent data?	?
A042	Anser erythropus	UA	SUF		19	(6C 13D)	BiE3: Wi= (i30-1080); SDF: c=(123- 90i), w=(25- 85i). Added to 8 sites. Although previous conclusion is SUF, the species is indicated as present in several IBAs (Lutsk, Khmel'niskiy, NE Crimea). It seems that all these IBAs are covered by Emerald sites. Are these old data?	IN MIN?

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A045	Branta leucopsis	BY	EXCL REF LI	-		-	Deleted from 5 remaining sites.	-
A060	Aythya nyroca	BY	IN MIN/IN MOD	IN MOD e.g. Dremlja, Novosjolki	8	(1B 3C 3D 1?)	BiE3: Br= (p50-120), Wi= (i0-0). SDF: c=(0- 10i), r= (7- 35p). 1 new site near Brest. Area of one existing site increased (Pripyat). SDFs suggest a low coverage of breeding population (14-29%)? There are no sites with names Dremlja or Novosjolki (or similar).	IN MOD?
A060	Aythya nyroca	MD	IN MIN/CD	CD for N part. IN MIIN - Conganza-Taraklia Lakes	5	(3B 2C)	BiE3: Br= (p30-50), Wi= (iPresent-Present). SDF: r= (95-123p). Added to 2 existing sites (including the lakes indicated in the previous conclusion). Deleted from sites in the North.	SUF?
A060	Aythya nyroca	UA	IN MOD/CD	IN MOD - S part and Dniepr river, CD - Danube	53	(3A 16B 22C 12D)	BiE3: Br= (p300-600), Wi= (i20-60). SDF: c=(1301- 695i) r= (242- 59p), w=(89- 130i). More than 10 new sites and also added to some existing sites. Additions include Dniepr and S part. Coverage of breeding population 20-40%; are population assessments in SDFs accurate?	?
A068	Mergus albellus	BY	SUF		13	(1A 5C 5D 2?)	BiE3: Br= (p15-30), Wi= (i50-100). SDF: c=(100- 270i) r= (5- 15p). One new site and added to 2 existing sites. Deleted from Belovez.	SUF?
A068	Mergus albellus	MD	IN MIN/IN MAJ	Dniestr, Prut	2	(2B)	Added to 2 existing sites on Dniestr and Prut. Small numbers (2-8i in one site). Possibly sufficient?	?
A068	Mergus albellus	UA	IN MIN	Azov coast	42	(3A 13B 17C 9D)	BiE3: Wi= (i800-9000). SDF: c and w=(1767-3223i). Several new sites and added to many existing sites, including sites on Azov coast. Apparently sufficient?	SUF?
A071	Oxyura leucocephala	MD	SUF/CD		2	(2B)	Really present on Prut. Birds in Europe does not report this species from Moldova. But SDF suggest even breeding on one site: Lacurile Prutului de Jos (0-3 pairs). Is this correct?	?
A071	Oxyura leucocephala	UA	SR				Deleted from all previous sites on Azov coast. Any new information about presence in UA? Birds in Europe reports 0-5 individuals during winter. Irregular?	?
A395	Anser albifrons flavirostris	MD	EXCL REF LI	-		-	No site.	-
A395	Anser albifrons flavirostris	UA	EXCL REF LI	-		-	Sites deleted.	-

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A396	Branta ruficollis	MD	IN MIN/IN MOD/CD	IN MIN - Congaza Taraklia Lakes, IN MOD- extension of Lower Prut, CD - exclude N site	3	(1A 2B)	BiE3: Wi= (i0-220). SDF: c=(205- 615i). Added to Congaz and Taraklia Lakes, in Lower Prut extension only concerns Lake Beleu. Deleted from one site in the North and one in the South-east. Wintering population seem to be covered.	SUF?
A396	Branta ruficollis	UA	IN MOD	check IBAs	23	(4A 10B 6C 3D)	BiE3: Wi= (i900-5766). SDF: c=(5022- 880i) w=(3241- 4905i). Added to few new and extended sites. Yet two IBAs are not covered: "Agricultural lands near Bilorets" and one small one in Crimea. Is this a significant gap since all the wintering population seems to be covered at least by number?	?
A397	Tadorna ferruginea	MD	IN MIN/CD	IN MIN- S part, CD - update occurrence of species	3	(1B 2C)	BiE3: Br= (p0-3). SDF: c= (1- 3p), r= (1- 3p). Added to 2 existing sites in the South. Now the scarce breeding distribution probably covered? Possibly sufficient?	SUF?
A397	Tadorna ferruginea	UA	IN MOD	Luhanska, Donetska	44	(12B 28C 4D)	BiE3: Br= (p80-190) Wi= (i50-250). SDF: c=(572- 595i) r=(14- 3i) (51- 85p) w=(252- 505i). Wintering population seems to be entirely covered, but cover of breeding population is 44-63%. Added to many sites in the East, thus possibly sufficient?	SUF?
Falconiformes								
A072	Pernis apivorus	BY	IN MIN/IN MOD	IN MOD - 1 site	46	(4B 42C)	BiE3: Br= (p8000-11000). SDF: r= (259- 443p). Added to many new sites and some existing sites (20 records altogether). Dispersed breeder? Possibly sufficient?	SUF?
A072	Pernis apivorus	MD	SUF/CD	CD - delete sites with no species habitat	27	(3B 24C)	BiE3: Br= (p1-10). SDF: p= (2- 6p) r= (17- 69p). Many additions, thus SUF conclusion remains. Please check validity of "permanent" status for 2 sites MD0000051 and MD0000052, because this species is true migrant. Few sites deleted, probably responding to CD request.	SUF/CD
A072	Pernis apivorus	UA	IN MOD	e.g. NW part	164	(9B 133C 22D)	BiE3: Br= (p2000-2500). SDF: c=(821- 1361i), r=(21- 40i) and (234- 377p). Added to 80 sites, many of them new, including NW part. Possibly sufficient.	SUF?

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A073	Milvus migrans	BY	IN MOD/CD	E part. CD - pop.sizes	30	(1A 2B 25C 2D)	BiE3: Br= (p200-230). SDF: c=(1- 5i), r= (38- 84p). Added to many new sites in the E part, thus the geographical range is covered. Is there a point to review population estimates (CD), i.e. Currently suggesting low coverage, i.e. 19-36%?	SUF?
A073	Milvus migrans	MD	IN MOD	N part	21	(11B 10C)	BiE3: Br= (p30-50) SDF: r= (48- 92p). Several sites added in the N part. Possibly sufficient if breeding population is covered?	SUF?
A073	Milvus migrans	UA	IN MIN		169	(4B 119C 46D)	BiE3: Br= (p1000-1500). SDF: c=(730- 1013i) (7- 20p) r=(15- 38i) (240- 393p). Added to many new and existing sites, thus possibly sufficient, but CD about reporting pairs for migration (c) and individuals about reproduction (r).	SUF/CD?
A074	Milvus milvus	BY	SR		1	(1A)	BiE3: Br= (p3-10), SDF: r= (1- 2p). Is the scientific reserve resolved, no information received? Overall, the species is spreading in Europe?	?
A074	Milvus milvus	MD	EXCL REF LIST		1	(1C)	BiE3: Br= (p0-0) SDF: c= (0- 1p). It was deleted from all previously reported sites, except Beleu Lake? Is this new information? How to interpret "pairs" as population unit in the context of "concentration" in SDFs?	?
A074	Milvus milvus	UA	SUF/CD		10	(10D)	BiE3: Br= (p1-10) SDF: c=(8- 36i) r=(3- 12i). Deleted from 9 sites; remaining sites are only in the West. Probably SUF conclusion remains?	SUF?
A075	Haliaeetus albicilla	BY	SUF		44	(8B 35C 1D)	BiE3: Br= (p85-105) Wi= (i60-100). SDF: c=(20- 46i) p= (9- 19p) r=(56- 83p). Added to several sites, particularly in the south. Conclusion remains sufficient.	SUF?
A075	Haliaeetus albicilla	MD	IN MOD/CD	CD - check status for Lower Dniestr. IN MOD - 2 IBAs	9	(1B 8C)	BiE3: Br= (p0-2), Wi= (i0-5). SDF: p= (3- 3p) , r=(9- 13p) w=(5- 7i). 2 new sites and added to 2 existing sites, but none exactly in lower Dniestr. IBAs generally covered except the one in upper Dniestr, which is in fact an Emerald site, thus suggesting IN MIN?	IN MIN?

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A075	Haliaeetus albicilla	UA	SUF		103	(2A 23B 63C 15D)	BiE3: Br= (p80-100), Wi= (i250-390). SDF: c=(305- 439i), p=(3- 9i), (5- 7p), r=(8- 25i), (66- 100p), w=(400- 562i). Different number presentations in SDFs makes it difficult to judge about population coverage, but given the new sites added, SUF conclusion obviously remains.	SUF
A077	Neophron percnopterus	MD	EXCL REF LIST	-	1	(1C)	BiE3: Br= (p0-0) SDF: c=(0- 2i). Still remains in one site - MD0000014 - to be deleted?	CD?
A077	Neophron percnopterus	UA	EXCL REF LI	-		-	-	-
A078	Gyps fulvus	UA	SUF		7	(5A 2D)	BiE3: Br= (p8-10). SDF: c=(13- 12i), r= (6- 11p) w=(11- 15i). No significant changes, Conclusion remains. But... 2 new sites have been added in the middle of the country. Is this correct? CD needed?	SUF/CD?
A079	Aegypius monachus	UA	SUF		6	(6A)	BiE3: Br= (p2-3). SDF: c=(22- 10i), r= (3- 10p), w=(11- 15i). No significant change, conclusion remains.	SUF
A080	Circaetus gallicus	BY	IN MOD	E part	47	(47C)	BiE3: Br= (p530-700). SDF: r= (112- 193p). 8 new sites in the E part and more new sites and additions to existing sites across country. Current population coverage 21-27%. Possibly sufficient?	SUF?
A080	Circaetus gallicus	MD	IN MOD		3	(2B 1C)	BiE3: Br= population size not given. SDF: w=(10- 12i). Species should be more commonly distributed, at least in the steppic part of the country (see also UA sites across border)? And surely the species is not wintering in Moldova, as indicated in SDFs.	IN MOD/CD?
A080	Circaetus gallicus	UA	IN MOD	N and SE	136	(4B 96C 36D)	BiE3: Br= (p160-300) SDF: c=(505- 418i), r=(117-214p). Added to many new and existing sites, including locations in the north and south-east. Current breeding population coverage is 71-73%. Possibly sufficient.	SUF?
A081	Circus aeruginosus	BY	IN MOD	Central and E part	69	(4B 59C 6D)	BiE3: Br= (b6000-9000). SDF: r= (569-1086p). Many new sites in the central and eastern part thus geographical coverage is improved. Despite low coverage (9-12%), this must be common and widespread species.	SUF?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A081	Circus aeruginosus	MD	IN MOD/CD	CD for Northernmost site, IN MOD - S	6	(1A 1B 4C)	BiE3: Br= (b70-100) SDF: c= (10- 15p), r= (80- 114p). Deleted from 2 northernmost sites; 2 small sites in the south. Really absent in the central and northern part? EBCC atlas shows grids all around Moldova. More studies necessary (the species is easy to detect)?	?
A081	Circus aeruginosus	UA	IN MOD		198	(11A 23B 147C 17D)	BiE3: Br= (p13800-23600). SDF: c=(2993- 3468i), r=(1391- 1538p), w=(98- 97i). Added to very many (88!) new sites across country - thus geographical coverage has much improved. Common species? Possibly sufficient?	?
A082	Circus cyaneus	BY	IN MOD	E part	28	(6B 19C 2D 1?)	BiE3: Br= (b600-800), Wi= (i1-3). SDF: r=(100- 100i), (100- 182p). Added to a few sites in the eastern part and deleted from one. Occurs in more existing sites? Coverage of breeding population probably below 25%.	?
A082	Circus cyaneus	MD	SUF/CD	Lower Prut (correct pop.size assesment)	7	(5B 2C)	BiE3: Wi= (i5-10). SDF: w=(39- 72i). No breeding population in Moldova? EBCC atlas shows some grids, also Collinns bird guide suggests presence. Any new information available (?), otherwise SUF conclusion possibly remains.	?
A082	Circus cyaneus	UA	SUF/CD	CD - check status	151	(1A 8B 132C 10D)	BiE3: Br= (b10-25), Wi= (i250-600). SDF: c=(1816- 1564i), r=(11- 29i) (21- 6p), w=(521- 497i). Added to many new and existing sites in different parts of the country. SUF conclusion obviously remains.	SUF
A083	Circus macrourus	BY	EXCL REF LI	-	1	(1D)	Still one D site remains. Apparently should be deleted?	CD
A083	Circus macrourus	MD	EXCL REF LIST				Deleted from all sites. Absent? Any new data on regular occurrence?	?
A083	Circus macrourus	UA	EXCL REF LIST				Deleted from all sites. Absent? Any new data on regular occurrence? In fact UA IBA database contains 3 sites for this species, two last of them suggesting a few breeding pairs: Askania Nova, Korotchenkovo-Tshulatovckiy lug, Samarskiy les.	?

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A084	Circus pygargus	BY	IN MIN/IN MOD		29	(4B 23C 2D)	BiE3: Br= (b3000-5000). SDF: r= (209- 454p). Few new sites in the southeast and in the north. Added to 4 existing sites. Current breeding population coverage 7-9%. Given that Emerald cover in BY is over 10%, are BiE3 or SDF data accurate? There are also 2 IBAs with this species overlapping with existing Emerald sites.	IN MIN?
A084	Circus pygargus	MD	SR	Check status	1	(1B)	Added to one existing site. Could it be present more widely? Any new information?	?
A084	Circus pygargus	UA	IN MOD	Check IBAs	160	(137C 23D)	BiE3: Br= (b15000-24000). SDF: c=(829- 1099i), r=(1- 5i) (249- 447p) w= (2- 10p). Added to many new and existing sites, but breeding population coverage is only few percent! All IBAs covered except there is an area discrepancy in one location N from Kiev, and small IBA is not covered on Dniester (west). Are BiE data up to date?	?
A089	Aquila pomarina	BY	IN MOD/CD	IN MOD - E part, CD - pop.sizes	68	(2B 56C 10D)	BiE3: Br= (b3200-3800). SDF: r=(307-558p). Added to very many new and existing sites throughout the country. Population coverage 10-15%, but dispersed species. Possibly sufficient.	SUF?
A089	Aquila pomarina	MD	SUF/CD	CD - check status	14	(14C)	BiE3: Br= (b2-5). SDF: r=(12-33p). Added to a few small sites and deleted from 3 sites (no forest?). Possibly the range of the species covers only "continental part" in the North? In this case, possibly sufficient, although BiE national population estimate is suspiciously small.	SUF?
A089	Aquila pomarina	UA	IN MOD/CD	CD - check status	144	(118C 26D)	BiE3: Br= (b500-1000). SDF: r=(131-252p). Added to many new and existing sites. Cover of breeding population amounts at about 25%. Possibly sufficient?	SUF?
A090	Aquila clanga	BY	SUF/CD	CD - check status	23	(2A 9B 12C)	BiE3: Br= (b120-160). SDF: p=(76-101p). Added to a few existing sites. Range and population coverage is good, thus conclusion remains.	SUF
A090	Aquila clanga	MD	IN MIN/CD	IN MIN - S	8	(2B 6C)	BiE3: Br= (population estimate not given). SDF: no breeding population reported. Added to one new (N, Dniestr) and few existing sites, including Prut (probably this was meant by "S" in the previous conclusion). No breeding reports? If so, probably sufficient.	SUF?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A090	Aquila clanga	UA	IN MIN	Dunayskiy zapovednik	54	(2A 19C 33D)	BiE3: Br= (b30-45). SDF: r=(9-19p). Added in quite many sites: both new and existing, where it is mostly indicated as on migration/wintering. Is N part (Polesye?) sufficiently covered? Present (even breeding) in more sites there? Added to several sites near Danube delta, thus probably Dunayskiy zapovednik is now included (Danube Biosphere Reserve in SDF)?	?
A091	Aquila chrysaetos	BY	SUF		11	(1A 3B 2C 4D 1?)	BiE3: Br= (p4-5). SDF: c=(5- 6i) (0- 3p) p=(1- 2i) (4- 8p). Difficult to interpret SDF data, but obviously breeding population is covered? Added to one existing site in the north as resident. Conclusion remains as sufficient.	SUF
A091	Aquila chrysaetos	MD	EXCL REF LI	-			Deleted from sites where indicated before.	-
A091	Aquila chrysaetos	UA	SUF/CD	CD for pop.status for N sites	72	(8A 26C 38D)	BiE3: Br= (p3-5) SDF: c=(80- 276i), r=(12- 31i) (13- 13p) w=(32- 111i). Added to few sites in Carpathians and more. Conclusion remains as sufficient.	SUF
A092	Hieraaetus pennatus	BY	SR		2	(1A 1D)	BiE3: Br= (p10-15) SDF: c=(0- 1i) r= (0- 3p). Any new data available? Probably marginal. But 2 existing sites correspond to the few grids given in EBCC atlas.	?
A092	Hieraaetus pennatus	MD	SUF		22	(13B 8C 1D)	BiE3: Br= (p15-25) SDF: r= (30- 61p). Added to 10 sites, both new and existing, thus conclusion remains as sufficient.	SUF
A092	Hieraaetus pennatus	UA	IN MOD		122	(2B 71C 49D)	BiE3: Br= (p240-380). SDF: c=(238- 549i), r=(23- 56i) (122- 191p). Added to many new and existing sites; geographical coverage is improved. Breeding population coverage is above 50%. Yet, 2 IBAs in Kiev surroundings are not completely covered: but they seem to match with existing Emerald sites?	IN MIN?
A094	Pandion haliaetus	BY	IN MOD	2 sites - E part (Surazsky and Janka)	27	(5B 16C 4D 2?)	BiE3: Br= (p150-180). SDF: c=(23- 58i) (0- 1p), r= (38- 60p). 5 new sites in the north, but deleted from 3 sites elsewhere. Yanka added, but evaluator cannot link any of names of sites now in the database with "Surazsky". Proposed under other name? Is there a distribution gap in the E part of the country? Coverage of breeding population 25-30%.	?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A094	Pandion haliaetus	MD	SUF		8	(7B 1C)	BiE3: Br= (p0-1). SDF: c=(13- 30i), w=(3- 8i). No breeding confirmed? SUF or SR?	?
A094	Pandion haliaetus	UA	SUF/CD	CD - check status	73	(2A 1B 30C 40D)	BiE3: Br= (p0-2) SDF: c=(278- 489i), r=(5- 10i) (4- 4p). Added to quite many sites, new and existing. SDFs now report breeding in some locations, thus obviously BiE data are incorrect and need to be updated? As breeder probably restricted to the N part of the country (EBCC and Svensson et al. 2009).	SUF?
A095	Falco naumanni	MD	EXCL REF LIST		1	(1C)	One site added as C (Lake Beleu?). Please explain - new discovery?	?
A095	Falco naumanni	UA	EXCL REF LI				Deleted from all previous sites. Any new data?	?
A097	Falco vespertinus	BY	SR	Dniepr Floodplains	10	(4B 2C 4D)	BiE3: Br= (p10-30). SDF: c=(1- 172i), r=(0- 6p). Deleted from 2 sites in the west, added to one existing site in the centre and one in south centre (Pripyat). Dniepr is probably not affected (?) Any new information?	?
A097	Falco vespertinus	MD	IN MOD		7	(1A 3B 3C)	BiE3: Br= (p70-90) SDF: r=(10- 40p). One new site in the northern part and added to more sites in the south. Yet, the species seems to be much more abundant and many large breeding colonies are left out. Also it is obvious that BiE estimate is not correct; the national population size is probably higher?	IN MOD?
A097	Falco vespertinus	UA	IN MOD	Check IBAs	136	(9B 105C 22D)	BiE3: Br= (p3200-5100). SDF: c=(15153- 23891i), r=(42- 75i), (1282- 743p), w=(10- 0i). Added to very many new sites and existing sites across the country. Still, there are problems with few IBAs, one of them very large one in Carpathians, most of which is covered by Emerald. At least 2 other southern IBAs are not covered by Emerald.	IN MIN?
A098	Falco columbarius	BY	IN MOD	IN MOD in NE part (e.g. Surazsky)	22	(1A 3B 15C 3D)	BiE3: Br= (p300-350); Wi= (i0-10). SDF: c=(1- 27i) r=(43- 87p). Several new sites in the north, north-east. Yet no site under name "Surazsky" or similar (maybe included in a larger site?). Possibly sufficient.	?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A098	Falco columbarius	MD	IN MAJ	Few sites in S	8	(2B 5C 1D)	No information on national population size. Added to a few sites in the south and new sites in the northern part.	SUF?
A098	Falco columbarius	UA	SUF		142	(16B 100C 26D)	BiE3: Wi= (i2000-3000). SDF: c=(435- 549i), r=(1- 5i) (20- 0p), w=(430- 505i). Added to very many sites. Conclusion remains.	SUF?
A101	Falco biarmicus	MD	-	-	1	(1C)	One new site. Reported as migratory/wintering. Is this correct? Add to the ReferenceList?	?
A102	Falco rusticolus	UA	EXCL REF LI	-	-	-	OK, site deleted.	-
A103	Falco peregrinus	BY	SUF/CD	CD - change pop. assesment	6	(1C 5D)	Added to one existing site. Conclusion remains, but population assessments still need to be revisited.	SUF/CD?
A103	Falco peregrinus	MD	IN MIN/CD	CD - check status	12	(8B 4C)	Added to several existing sites. Not-breeding, right?	SUF?
A103	Falco peregrinus	UA	SUF		88	(1A 15B 35C 37D)	BiE3: Br= (p10-50). SDF: c=(151- 307i), r=(15- 26i) (13- 40p) w=(39- 145i). 8 new sites, added to several existing sites, deleted from 6 sites. Apparently conclusion remains.	SUF
A402	Accipiter brevipes	MD	IN MAJ	S part	3	(3B)	Newcomer to Moldova? Added to 3 sites. Possibly sufficient, or other important locations known? Should at least one population assessment be "A"? Also why these sites marked as "wintering"?	SUF/CD?
A402	Accipiter brevipes	UA	SR	update species distribution data	3	(1A 1C 1D)	BiE3: Br= (p30-45). SDF: c=(1- 0i), r= (7- 10p). Deleted from quite many sites, remaining only in 2 small sites in the East (one of them new) and 1 site near Danube Delta (as wintering?). Does this reflect newest knowledge about species distribution?	?
A403	Buteo rufinus	MD	IN MOD/CD	IN MOD - S part, CD - pop.status in N sites	4	(4B)	BiE3: Br= (p2-4). SDF: p= (6- 10p), r= (1- 3p). Added to a few existing sites in the South, but they do not entirely cover an IBA in this area. Is this difference significant?	?
A403	Buteo rufinus	UA	IN MOD		58	(13B 32C 13D)	BiE3: Br= (p50-150). SDF: c=(108- 150i) r=(7- 18i) (33- 66p) w=(28- 44i). Difficult to interpret the coverage of breeding population but it is probably 50 and more %. Added to many new and existing sites, particularly in the central and south-central part. Possiby sufficient?	SUF?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A404	Aquila heliaca	MD	EXCL REF LI	-		-	Deleted from one site in the centre.	?
A404	Aquila heliaca	UA	IN MOD		28	(1A 3B 12C 12D)	BiE3: Br= (p45-75). SDF: c=(31- 87i) r=(4- 4i) (15- 24p) w=(5- 13i). Difficult to interpret, but breeding population coverage is probably only around 30%? Added to some new sites in the centre and existing sites in the eastern part. One IBA only partly covered. Deleted from 2 large Crimean sites. Could better population coverage be achieved?	IN MOD?
A511	Falco cherrug	MD	IN MOD/CD	IN MOD - S part, CD - exclude N sites	5	(1B 4C)	BiE3: Br= (p5-10), SDF: r= (6- 9p). 2 new sites and added to 1 existing site in the South. Deleted from several sites in the North. Breeding population covered and possibly sufficient, yet boundaries of one IBA are larger than Emerald sites (like with Buteo rufinus before). Is this difference important in this case?	?
A511	Falco cherrug	UA	IN MOD	IN MOD Odes region (Transboundary site with Moldova)	62	(14B 28C 20D)	BiE3: Br= (p45-80) SDF: c=(126- 195i) r=(11- 31i) (16- 52p) w=(18- 52i). Added to a number of existing sites in Odes region (some of them are connected with MD sites); only one new site. Over 10 new sites elsewhere in different parts. Added to existing sites and also deleted from 4 sites. Difficult to calculate population coverage using SDF data: 35-65%? This species would merit more.	?
Galliformes								
A104	Bonasa bonasia	BY	IN MIN		57	(57C)	SDF: p=(0- 0i) (1970- 3100p) r=(0- 0i) (320- 490p); no sites in 2015, species added to 57 sites. EBCC atlas suggests possible wider range in the centre end west. IN MIN ?	IN MIN ?
A104	Bonasa bonasia	UA	IN MIN		37	(24B 12C 1D)	BiE3: Br= (p2600-5100) SDF: p=(231- 351i) (40- 90p) r=(2442- 1781p) (5- 10m)w=(6191- 1830i); species added to 16 sites. Probably SUF ?	probably SUF?
A108	Tetrao urogallus	BY	IN MOD/CD	C and E. CD - check status	31	(3B 26C 2D)	BiE3: Br= (c4450-4450) SDF: p=(215- 285i) (325- 488p) (0- 0males) r= (5- 10p); species added to 13 sites. EBCC atlas suggests wider range in the centre? IN MIN ? CD: has the status been checked (breeding and resident)?	IN MIN ?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A108	Tetrao urogallus	UA	IN MOD		16	(7A 5B 4C)	BiE3: Br=(c800-1000) SDF: p=(15- 30i) r=(368- 75m); species added to 15 sites. EBCC atlas suggests wider range in North-East. IN MIN ? CD ? Harmonize population status (7A 5B 4C > 100%)?	IN MIN/CD ?
A408	Lagopus mutus helveticus	MD			1	(1C)	subspecies from the Alps. data error ?	EXCL REF LIST/CD
A409	Tetrao tetrix tetrix	BY	IN MIN/IN MAJ		57	(57C)	SDF: p=(30- 50i) (2576- 5895p) (20- 50males) r=(20- 40p); no sites in 2015. species added 57 sites. Probably SUF ?	probably SUF?
A409	Tetrao tetrix tetrix	UA	IN MIN	N part of UA to improve coverage	47	(23B 24C)	SDF: p=(351- 601i) (35- 60m)r=(233- 303i) (1063- 1827m)w=(1353- 1405i); species added to 12 sites and deleted from 4. Reason for deletion ?	probably SUF?
Gruiformes								
A119	Porzana porzana	BY	IN MOD		45	(1A 4B 38C 2D)	BiE3: Br=(c25000-30000) SDF: r=(250- 400i) (3806- 9740p) (10- 30males); species added to 17 sites. Large geographical gap between north and south. EBCC atlas suggests wider range in centre and west. Bordering N2000 sites with Poland and Lithuania?	IN MOD/IN MIN ?
A119	Porzana porzana	MD	IN MIN	Lower Prut	4	(3B 1C)	SDF: r=(5- 9p); no sites in 2015. species added to 4 sites, including Lower Prut. EBCC atlas suggest wider range across the country ?	?
A119	Porzana porzana	UA	IN MOD		117	(2A 19B 86C 10D)	BiE3: Br=(c26000-43000) SDF: c=(12237- 16615i) (200- 200p) r=(50- 80i) (4666- 3036p) w=(6- 5i); species added to 50 sites and deleted from 5. What is the reason for the deletions ? Probably SUF ?	probably SUF?
A120	Porzana parva	BY	IN MOD/CD	IN MOD - Central part, CD - Bielewicz	27	(2A 2B 19C 4D)	BiE3: Br=(c2000-3000) SDF: r=(1045- 1060i) (694- 1077p); species added to 6 sites, but still geographical gap in the central part? IN MOD/IN MIN ?	IN MOD/IN MIN ?
A120	Porzana parva	MD	IN MIN	Lower Prut	4	(2B 2C)	BiE3: Br=(c80-150) SDF: w=(2- 7p); no sites in 2015. species added to 4 sites including Lower Prut. EBCC atlas indicates wider range in the country? IN MIN ?	IN MIN ?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A120	Porzana parva	UA	IN MOD	Luhansk, Donetsk, Dnipropetrovsk etc.	112	(3B 96C 13D)	BiE3: Br=(c26000-43000) SDF: c=(11398- 15230i) r=(20-50i) (3844- 2422p) w=(1- 5i); species added to 47 sites and deleted from 6. Reason ? Still possible geographical gaps in Luhansk, Donetsk and Dnipropetrovsk ?	IN MOD ?
A121	Porzana pusilla	MD	IN MIN	Lower Prut	1	(1A)	BiE3: Br=(cPresent-Present) SDF: r=(2- 7p); no sites in 2015. species added to 1 A-site (Nistrul de Jos). In 2015, Lower Prut was mentioned ?	?
A121	Porzana pusilla	UA	SR		3	(1C 2D)	BiE3: no data SDF: c=(2- 10i) p=(1- 1i) r=(3- 5p); species added to 2 sites and deleted from 2 sites. Is the SR resolved ? 1C 2D sites suggest very low coverage?	?
A122	Crex crex	BY	IN MIN/IN MOD/CD	IN MOD - E part, IN MIN - S part	80	(4B 61C 14D 1?)	BiE3: Br= (c26000-32000) SDF: r=(2526- 3690i) (784-1280p); species added to 48 sites and deleted from 1. probably SUF ?	probably SUF?
A122	Crex crex	MD	IN MOD		26	(2A 17B 7C)	BiE3: Br= (c110-250) SDF: r=(317- 598p) w=(0- 2p); species added to 20 sites and deleted from 5. Reason for deletion ? Probably SUF ?	probably SUF?
A122	Crex crex	UA	IN MOD/CD	CD - check status	187	(172C 15D)	BiE3: Br= (c83400-154000) SDF: c=(15246-10740i) (300-500m) r=(276- 741i) (120- 240p) (3235- 6417m); species added to 95 sites and deleted from 2. still quite a number of IBA's not covered? CD: was the population status checked ?	?
A127	Grus grus	BY	IN MOD/CD	E part	94	(12B 77C 5D)	BiE3: Br= (p800-1500) SDF: c=(1500-3000i) r=(2-5i) (629-1099p); species added to 49 sites and deleted from 2. One IBA not covered (Vygonoshchanskoye)? IN MIN ?	IN MIN ?
A127	Grus grus	MD	IN MOD	N	2	(2B)	No BiE population estimate SDF: w=(15- 30i); species added to 1 site in the north. 2 B-sites still represent a low total coverage percentage ?	?
A127	Grus grus	UA	IN MOD/CD	CD - check status	117	(1A 15B 89C 12D)	BiE3: Br= (p700-850) Wi= (i10-50) SDF: c=(57706-41980i) r=(63- 104i) (345- 337p); species added to 38 sites and deleted from 4. still a number of IBA's not covered? Importance for the species ? IN MOD/IN MIN ?	IN MOD/IN MIN ?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A128	Tetrax tetrax	UA	SUF		9	(1A 8D)	BiE3: Br= (m100-110) SDF: c=(20- 16i) r= (2- 5p) w=(18- 10i); species added to 6 sites and deleted from 1. Why 8D sites ?	SUF
A129	Otis tarda	MD	EXCL REF LIST				BiE3: Br= (p0-0); sites from 2015 deleted. Excl. Ref. List. No need for further discussion	EXCL REF LIST
A129	Otis tarda	UA	SUF		19	(1A 2B 8C 8D)	BiE3: Br= (m500-720) SDF: c=(99- 203i) r=(1- 5i) (3- 10p) w=(84- 74i); species added to 7 sites and deleted from 3. Are the deltions corrections?	SUF ?
Charadriiformes								
A131	Himantopus himantopus	BY	SUF/CD	CD - check status	1	(1D)	BiE3: Br= (p0-10). SDF: r= (0- 5p). Deleted from one Pripyat site, but remains in the other. Is breeding regular (?); one D site is not a reason for maintaining the species in the Reference List.	?
A131	Himantopus himantopus	MD	IN MAJ	1-2 breeding sites	6	(5B 1C)	Added to all those 6 existing sites presented on the map. Possibly sufficient, but difficult to evaluate without seeing actual breeding range/locations? Is there any new information.	?
A131	Himantopus himantopus	UA	IN MOD/CD	CD - Check status	47	(4A 3B 31C 9D)	BiE3: Br= (p1500-3300). SDF: c=(1495- 893i), r= (1291- 475p). Added to a few new sites and existing sites which are very scattered across country? Breeding only in the south (Black Sea). It seems that breeding range is reasonably covered, but there are 2 IBAs which in part or fully are not included in the network. Is it important?	?
A132	Recurvirostra avosetta	MD	IN MAJ		2	(2B)	OK, added to 2 existing sites. Possibly sufficient, if there are no other new observations. Only in this case both sites cannot be "B", which would suggest some other very important sites in the country. IBA data also show that species is seen also on Prut (existing site).	SUF/IN MIN/ CD?

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A132	Recurvirostra avosetta	UA	IN MOD/CD		27	(1A 6B 20C)	BiE3: Br= (p3000-7000). SDF: c=(3180- 1445i), r=(1- 100i) (1592- 425p). Added to few new and some existing sites. In general, the breeding range and breeding population seems to be reasonably covered. Only few IBAs (Crimea) are larger that proposed Emerald sites. Is this difference significant for the species?	?
A133	Burhinus oedicnemus	BY	EXCL REF LI	-		-	OK deleted from remaining site.	-
A133	Burhinus oedicnemus	MD	SR	-		-	Any update on the status? No written communication received so far on this subject.	-
A133	Burhinus oedicnemus	UA	SUF		28	(2A 5B 14C 7D)	BiE3: Br= (p100-150). SDF: c=(133- 140i) r=(1- 3i) (80- 160p). Added to a few new and existing sites. Conclusion as sufficient would remain, but with a possible CD - really present in the NW site (blue in the status map)?	SUF/CD?
A135	Glareola pratincola	MD	EXCL REF LI	-		-	-	-
A135	Glareola pratincola	UA	IN MOD		20	(3A 8B 6C 3D)	BiE3: Br= (p120-1200). SDF: c=(1432- 55i), r= (527- 290p). Added to a few new sites and to existing enlarged sites. Yet, few IBAs (north Crimea) are larger that proposed Emerald sites, and one IBA north of Azov sea. Is this difference significant for the species conservation?	?
A138	Charadrius alexandrinus	UA	SUF		22	(1A 7B 14C)	BiE3: Br= (p1600-2000) SDF: c=(970- 600i) r= (1113- 305p). Added to a few new and existing sites. Conclusion remains as sufficient.	SUF
A139	Charadrius morinellus	UA	EXCL REF LI	-		-	Deleted from sites previously reported.	-
A140	Pluvialis apricaria	BY	IN MOD/CD	IN MOD - NE part, CD - check status	25	(3A 6B 10C 4D 2?)	BiE3: Br= (p200-250). SDF: c=(10700- 24000i) (10- 20p) r= (224- 320p). Few breeding locations added, NE inclusive. Breeding population coverage seems to be high: close to 100%.	SUF?
A140	Pluvialis apricaria	MD	IN MIN	Middle Prut	2	(2B)	Only on migration? Added to Prut site. Possibly sufficient.	SUF?
A140	Pluvialis apricaria	UA	SUF		23	(1B 17C 5D)	BiE3: Wi= (i1-15) SDF: c=(1150- 405i) w=(1- 10i). Added to few existing sites; conclusion remains as SUF.	SUF?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A151	Philomachus pugnax	BY	IN MOD/CD	IN MOD - Dniepr, CD - pop.sizes	22	(1A 3B 7C 7D 4?)	BiE3: Br= (p2000-2400), SDF: r=(20-80p). 2 new sites and added to 3 existing sites, and deleted from 2 sites. Strangely SDFs report mainly concentrations of birds counting up from hundreds to thousands, but shows very small breeding population which suggests low coverage? Is there still a gap in the centre and NE?	?
A151	Philomachus pugnax	MD	IN MIN/CD	Congaz-Taraklia Lakes, CD - check status	6	(4A 2B)	BiE3: Br= no data. SDF: r=(2160-2700p). Added to one existing site (Congaz, Taraklia lakes). Is it breeding in Moldova? Collins guide suggests only on passage. Are numbers and interpretation in SDF correct? CD remains?	CD?
A151	Philomachus pugnax	UA	SUF/CD	CD - check status	74	(6B 61C 7D)	BiE3: Br= (p100-150) SDF: r=(77-99). Breeding only in Polesye and north? Added to a few new sites and many existing sites, deleted from 5 sites. Conclusion remains?	SUF?
A154	Gallinago media	BY	IN MOD	Dniepr river, Berezina river	29	(3B 23C 3D)	BiE3: Br= (m4600-6000). SDF: r=(205- 295i), (337- 560p). A few new sites in the east, and upper Pripyat; added also to a few existing sites. Not easy to interpret relation between BiE and SDF data, probably because of mixing males and pairs as reporting unit. Yet the population coverage seems not more than 25% which is small for BY as European stronghold for this species?	?
A154	Gallinago media	UA	IN MOD		48	(11B 18C 19D)	BiE3: Br= (m500-700). SDF: c=(270- 180i), r= (306- 300p). Possibly similar problems in interpreting numbers, but population coverage seems higher than in BY, at least at 50% level. Added to new and existing sites in the main breeding range in the north. Possibly sufficient?	SUF?
A157	Limosa lapponica	UA	SUF		14	(9C 5D)	Added to one increased site and some existing sites with this species increased. But deleted from several locations around Danube delta? Why is this the case?	?
A159	Numenius tenuirostris	UA	SUF		8	(4A 1C 3D)	Deleted from few sites along Azov coast, and added to a few existing sites. Conclusion remains as sufficient?	SUF?

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A166	Tringa glareola	BY	IN MOD/CD	IN MOD - NE part, CD - check status	50	(5B 39C 5D 1?)	BiE3: Br= (p2500-3000). SDF: c=(2300- 6810i), (500-1000p) r= (569- 940p). Added to several new sites, and some existing sites with this species have been increased. Possibly sufficient?	SUF?
A166	Tringa glareola	MD	IN MIN	Lower Prut	2	(1B 1C)	Lower Prut added.	SUF?
A166	Tringa glareola	UA	SUF/CD	CD - check status	85	(4A 7B 59C 15D)	BiE3: Br= (p0-10). SDF: c=(8331- 13903i), r=(69- 16i), (32-60p). As far can be seen from maps, all breeding range is well covered; few new sites added and there are some positive changes in existing sites.	SUF?
A167	Xenus cinereus	BY	SUF/CD	CD - check status for N	9	(2A 3B 4C)	BiE3: Br= (p150-200). SDF: r=(16- 35i), (49- 86p). Added to one new and one existing site (both on Prut). No changes in the north.	SUF/CD?
A167	Xenus cinereus	MD	SR	e.g. Middle Prut	2	(1B 1C)	BiE: no information. Added to one existing site on Prut (~middle) and one on Dniestr. But the status is non-breeding. Correct? Is occurrence regular?	?
A167	Xenus cinereus	UA	IN MOD/CD	IN MOD - Desna river, Pripet tributaries	20	(5B 9C 6D)	BiE3: Br= (p300-500). SDF: c=(1040- 350i), r= (23- 35p). One new site on Pripyat catchment but no changes on Desna. Although added to few more new and existing sites, data above suggest low breeding population coverage (<10%). Geographical coverage could be improved as well?	IN MOD?
A170	Phalaropus lobatus	BY	EXCL REF LI	-	-	-	Deleted from 2 sites; no sites remaining.	-
A170	Phalaropus lobatus	UA	IN MOD	IN MOD - migration sites, e.g. Crimea	25	(3B 15C 7D)	BiE: no data about UA. Occurs on migration only. Added to few existing sites, also in the north of Crimea. Not in very large numbers - up to 100, 200. Possibly sufficient?	?
A171	Phalaropus fulicarius	UA	SUF		8	(3C 5D)	Added to 5 existing sites and one new site, and deleted from 5 sites. Why such displacement? New data? According to SDF, occurs in small numbers, max 20 individuals.	?
A176	Larus melanocephalus	BY	EXCL REF LI	-	-	-	Deleted from 3 sites; no sites remaining.	-

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A176	Larus melanocephalus	UA	SUF/CD		27	(2A 3B 22C)	BiE3: Br= (p100000-300000), Wi= (i100-200) SDF: c=(13673- 8150i), r=(811- 10i) (58521- 40p). Added to many existing and few new sites along Black Sea and Azov coast. Apparently conclusion remains.	SUF?
A177	Larus minutus	BY	IN MOD/CD	CD - pop.sizes	7	(4C 2D 1?)	BiE3: Br= (p500-1000). SDF: r=(11-48p). One new site and added to 2 existing but increased sites. Only 4 sites with breeding populations? SDF data suggest very low population coverage (below 5%).	IN MOD?
A177	Larus minutus	MD	IN MIN	Congaz Taraklia Lake and Lower Prut	5	(4B 1C)	BiE3: data not provided. SDF: numbers not provided. Added to two sites mentioned in previous conclusion. Possibly sufficient?	SUF?
A177	Larus minutus	UA	IN MOD/CD		53	(1A 4B 42C 6D)	BiE3: Br= (p300-750), Wi= (i50-350). SDF: c=(5197-6538i), r= (45-177p). Added to 17 new and existing sites. Coverage of breeding population is 17-47% (quite low for colonial species), wintering numbers in SDF are much higher than in BiE. Breeding range is possibly covered?	?
A180	Larus genei	BY	EXCL REF LI	-		-	Deleted from one site, no sites remaining.	-
A180	Larus genei	UA	SUF/CD		27	(3A 3B 19C 2D)	BiE3: Br= (p25000-40000). SDF: c=(5578- 2075i), r=(150-0i) (5681- 10090p), w=(131- 305i). Added to 3 new and several existing sites. Conclusion apparently remains. But difficult to interpret reporting categories and statuses in SDF.	SUF/CD?
A189	Gelochelidon nilotica	UA	SUF/CD		17	(1B 14C 2D)	BiE3: Br= (p4000-6000) SDF: c=(1663- 616i) r=(0- 50i) (312- 580p). Added to 2 new sites and several existing sites. SUF conclusion apparently remains, yet population size assessments should be reviewed.	SUF/CD?
A190	Sterna caspia	UA	SUF/CD	CD - for pop.sizes	28	(3A 5B 8C 12D)	Added to several new and existing sites, including few in the north of the country. Really present here on regular basis?	SUF?
A191	Sterna sandvicensis	UA	SUF/CD	CD - pop.sizes	23	(3A 10B 10C)	Several new, existing and enlarged sites. Conclusion remains sufficient.	SUF?

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A193	Sterna hirundo	BY	IN MOD	NE part	40	(3B 35C 2D)	BiE3: Br= (p14000-40000). SDF: c=(485- 1500i) (50-150p) r= (1390- 2415p). Added to several sites, including few in the NE part. Geographical coverage has improved but breeding population coverage still seems low - only at 6-10%, which is low for a colonial species. Significant colonies still left out?	?
A193	Sterna hirundo	MD	IN MOD/CD	IN MOD - S part, CD - check status in N site	5	(4B 1C)	BiE3: Br= (p20-40) SDF: r= (75- 144p). Only added to one new site in the south. Really absent from the central part? If so, probably SUF as breeding population seems to be covered.	?
A193	Sterna hirundo	UA	IN MOD	e.g. Chernihivska oblast and W	108	(2A 13B 86C 7D)	BiE3: Br= (p40000-55000). SDF: c=(19451- 21935i), p=(10- 20p) r=(221- 433i) (17786- 10681p) w=(1- 5i). Added to many new and existing sites. Presumably common species. Breeding population coverage is approximately 30%. Sufficient? But check population records; in one site it is even "resident" which can't be true?	CD?
A195	Sterna albifrons	BY	IN MOD/CD	IN MOD - Dniepr, CD - pop.sizes	15	(6B 8C 1D)	BiE3: Br= (p900-1100). SDF: r=(285- 503p). Added to a few new and existing sites, including Dniepr. Is there a need to correct population sizes. Breeding population coverage is quite low: 32-45%?	?
A195	Sterna albifrons	MD	SR		3	(3B)	BiE3: Br= numbers not reported. SDF: r=(5-21p). No change. Is scientific reserve resolved? Occurs in more sites?	?
A195	Sterna albifrons	UA	IN MOD	e.g. Dolina Desni, Dniestr	52	(2A 4B 40C 6D)	BiE3: Br= (p2000-2500). SDF: r=(933- 1537p). Quite many new sites, Desna seems to be covered but not sure about Dniestr, although part of it is already covered by sites? Breeding population coverage over 50%. Could be sufficient?	?
A196	Chlidonias hybridus	BY	IN MIN/IN MAJ	IN MAJ - at least 1 site	19	(2B 17C)	BiE3: Br= (p5000-10000). SDF: r=(530- 2970p). Number of sites has grown to 19 sites covering large parts of the country. Not present in the north-west (is this a gap?). Also coverage of breeding population is rather low - 11-30%? Are SDF data correct?	?

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A196	Chlidonias hybridus	MD	IN MIN/IN MOD	IN MOD - 1 site; IN MIN - Prut de Jos	3	(2B 1C)	BiE3: Br= (p150-200). SDF: r=(42- 62p). Added to a few sites in SW. Could it be more widely distributed? Breeding population coverage rather low - around 30%. More survey necessary(?) breeding lakes/wetlands should not be difficult to allocate.	?
A196	Chlidonias hybridus	UA	IN MOD	e.g.Kharkivska region	73	(10B 54C 9D)	BiE3: Br= (p5000-8500). SDF: r=(3528-3592p). Added to many new sites and existing sites, including Kharkiv region. Breeding population coverage probably around 50% or more. Possibly sufficient?	SUF?
A197	Chlidonias niger	BY	IN MOD/CD	Central part, CD - check status	41	(7B 33C 1D)	BiE3: Br= (p6000-22000) SDF: c=(630- 2100i, r=(50- 100i) (1755- 3495p). Few new sites and added to existing sites in rather central-eastern part. Breeding population coverage seems somehow low - 20-30%. Are SDF data correct as main wetlands/lakes/ponds seem to be covered (or this is not the case?).	?
A197	Chlidonias niger	MD	IN MIN/IN MOD/CD	IN MIN - Lower Prut, IN MOD - S	6	(5B 1C)	BiE3: Br= (p200-300) SDF: r= (63- 108p). Added to a few sites in lower Prut but not in the South in general. Does current distribution of sites represent distribution of species? Current population coverage, as reported in SDFs is about 30%. Could be better for a colonial bird?	?
A197	Chlidonias niger	UA	IN MOD	e.g. Desna river	102	(1A 9B 85C 7D)	BiE3: Br= (p12000-26000) SDF: c=(17910- 13390i) r=(10- 20i) (4559- 4715p). Despite many additions to new sites and existing sites across country (and Desna river), coverage of breeding population is only 18-37%. Are SDF data correct (little difference between min and max?).	?
A198	Chlidonias leucopterus	BY	IN MOD	E part	28	(3B 24C 1D)	BiE3: Br= (p8000-30000) SDF: c=(2540- 16110i) r= (1322- 3240p). Added to 4 sites in the east and more positive changes. Yet, population coverage seems very low: 10-16%. Some figures are wrong? Maybe "concentration" status in SDF is presumably "reproduction"?	?

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A198	Chlidonias leucopterus	MD	SR	Lower Prut	4	(3B 1C)	No information to compare. Added to lower Prut. Still one would refrain from sufficient suggestion as potentially these terns might breed elsewhere. Population assessments, as now suggest very low coverage: 6-45%. Any new data?	?
A198	Chlidonias leucopterus	UA	IN MOD	e.g. Desna	92	(1A 7B 75C 9D)	BiE3: Br= (p15000-45000) SDF: c=(22429- 28440i) r=(85-47i) (4435- 2725p). Many additions, particularly new sites in the north (presumably main breeding range). Yet a few IBAs seem to be outside the network. Is this an important gap? In fact, some of them (western case) are covered by the network, so conclusion could be IN MIN? Difficult to interpret SDF population data.	?
A515	Glareola nordmanni	MD	EXCL REF LI	-		-	Deleted from sites.	-
A515	Glareola nordmanni	UA	EXCL REF LI	-		-	Deleted from sites.	-
Strigiformes								
A215	Bubo bubo	BY	SUF/CD	CD - check status	45	(4B 40C 1D)	BiE3: Br= (p250-400). SDF: c= (1- 2p) p= (100- 178p) r=(2- 8p). Added to several new sites. Sufficient conclusion remains, but check records in SDF: what's the point reporting 1-2 pairs under "concentration" status for largely sedentary bird?	SUF/CD?
A215	Bubo bubo	MD	SR	update pop.status in sites	4	(4C)	BiE3: Br= (p0-5). SDF: p= (2- 14p) r= (0- 1p). Deleted from many sites in the south, remaining as "resident" only in the northern part. Can this be considered as solution of scientific reserve?	?
A215	Bubo bubo	UA	IN MOD	E, Carpathians, Polesje	75	(2A 7B 37C 29D)	BiE3: Br= (p150-200). SDF: c=(14- 53i) p=(9- 28i) (113- 148p) w=(2- 7i). Several new sites added to Carpathians and Polesye, as expected. Breeding population coverage seems good, i.e. around 75%. Possibly sufficient?	SUF?
A216	Nyctea scandiaca	BY	EXCL REF LI	-		-	Deleted from previous sites.	-
A216	Nyctea scandiaca	UA	EXCL REF LI	-		-	Deleted from previous sites.	-

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A217	Glaucidium passerinum	BY	IN MOD/CD	IN MOD - E part, CD - pop.sizes and status	46	(2B 43C 1D)	BiE3: Br= (p1200-2000). SDF: p=(2- 20i) (281- 436p). Added to many new sites, including the east of the country. Probably common, especially in the north? Possibly sufficient, although coverage of breeding population is around 20%?	SUF?
A217	Glaucidium passerinum	UA	IN MOD	e.g. Lvov, Chernihivska	43	(1A 10B 29C 3D)	BiE3: Br= (p150-350) SDF: c=(1- 5i) p=(3- 11i) (185- 150p) r= (3- 6p). Many additions in the north-easter part, including Carpathians, yet some questionable records in the SDFs (why "c" for sedentary bird species?). Still, the breeding population and range according to Birds of Europe seems to be reasonably covered?	SUF/CD?
A220	Strix uralensis	BY	IN MOD	E part	22	(1B 21C)	BiE3: Br= (p1200-1800) SDF: p= (63- 111p). Added to several new sites within the breeding range in the north/east, yet the comparison between data in SDFs and BiE yields surprisingly low population coverage: 5-6%. Is the BiE population estimate correct, this case?	?
A220	Strix uralensis	MD	SR	check status	3	(2B 1C)	Deleted from sites in the centre of the country. Is the status cleared for e.g. Padurea Domnescea? Maintain in the reference List?	?
A220	Strix uralensis	UA	SUF		39	(6A 9B 22C 2D)	BiE3: Br= (p400-900) SDF: c=(12- 13i) p=(3- 12i) (357- 244p) r= (2- 3p) w=(82- 146i). Many new sites added to the Carpathians and subsequent areas. Despite difficulties of interpretation of population coverage from SDFs, obviously SUF conclusion remains.	SUF/CD?
A222	Asio flammeus	BY	IN MOD/CD	IN MOD - Dniepr, CD - check status	31	(1A 4B 25C 1D)	BiE3: Br= (p500-1500). SDF: r= (131- 262p). Added to several sites in SE (including Dniepr) and elsewhere. Absent in the centre? Breeding population coverage seems low: 17-26%. Some areas with high breeding densities are left out? Or very dispersed species?	?

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A222	Asio flammeus	MD	IN MOD/CD	IN MOD - Lower Prut extension, CD - site in the center	3	(1B 2C)	BiE3: Br= (p1-5). SDF: p=(4- 8i) w=(5- 12i). There is an extension in Lower Prut and deleted from the site in the center. Mostly marked as resident, but permanent for one small site (Lake Belevu) - thus presumably species breeds there? Also if these are only sites, population assessments should be revised.	SUF/CD?
A222	Asio flammeus	UA	IN MOD	check IBAs, 1 site in Lvov	110	(1B 95C 14D)	BiE3: Br= (p850-1700). SDF: c=(285- 319i), r=(2- 7i) (210- 215p) w=(103- 120i). Added to many new sites, particularly in the northern part. Additions also include surroundings of Lviv. Yet few small IBAs are not covered: one on Dniestr (W) and one on Donets (NW). But would that significantly improve population coverage which is currently: 12-24%? Are numbers in SDFs correct?	?
A223	Aegolius funereus	BY	IN MOD/CD	CD - pop.sizes, IN MOD - E and Center	48	(6B 42C)	BiE3: Br= (p2500-5000). SDF: p=(183- 260i) (203- 377p) (0- 0males). Added to several new sites, mainly in the East, some existing sites have been increased; geographical coverage has improved. Difficult to interpret site population sizes given in SDFs, but population coverage is probably low, just over 10%. Are these numbers correct?	?
A223	Aegolius funereus	UA	SUF/CD	CD - check status	27	(11B 16C)	BiE3: Br= (p150-350). SDF: p= (205- 107P). Added to few new sites in the Carpathians and to one in NE. Deleted from 4 sites in different parts. Probably sufficient conclusion remains?	SUF?
A456	Surnia ulula	UA	EXCL REF LIST		2	(2D)	Still remains in one site and added to another existing site. Ukraine clearly lays far outside breeding range of this species. Should be deleted if (presumably) accidental.	?
A457	Strix nebulosa	BY	IN MOD/CD	Nalibogskaja Pusc	18	(7B 11C)	BiE3: Br= (p50-100). SDF: p= (38- 65p). Breeding population coverage 65-76%. Added to 5 new and 2 existing sites. Possibly sufficient, but there is no site under name "Nalibogskaja Pusc", or similar. A part of some other site?	?

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A457	Strix nebulosa	UA	IN MIN	N part	10	(5A 4B 1C)	BiE3: Br= (p15-100). SDF: p=(20- 0i) (10- 20p) r= (56- 50p) w=(32- 115i). Added to 2 new and 3 existing sites in the North. Difficult to interpret numbers in SDFs, but probably coverage of breeding population is over 50%. Possibly sufficient?	SUF?
A466	Calidris alpina schinzii	BY	IN MIN	Prypet	1	(1B)	Added to one tiny site in Pripyat as "wintering"? Is this correct? Still, exclusion from Reference list should be considered since obviously this is neither important nor regular population?	?
Caprimulgiformes								
A224	Caprimulgus europaeus	BY	IN MOD/CD	IN MOD - E part; CD - pop.status	86	(7B 74C 5D)	BiE3: Br= (c35000-50000) SDF: p= (155-260p) r=(850-1500i) (2310-4082p); species added to 49 sites including east. Was the population status checked ? One site with missing status	probably SUF?/CD
A224	Caprimulgus europaeus	MD	IN MIN/CD	IN MIN- S part	25	(7A 10B 8C)	BiE3: Br= (c200-300) SDF: p= (2-3p) r= (651- 986p); species added to 14 sites and deleted from 2. is S-part sufficiently covered? EBCC atlas suggests presence further south. IN MIN ? CD check population assessments: 7A 10B > 100% coverage.	IN MIN? CD
A224	Caprimulgus europaeus	UA	IN MOD		180	(173C 7D)	BiE3: Br= (c16000-23000) SDF: c=(8423-3808i) r=(17- 58i) (2862-2835p); species added to 78 sites and deleted from 3. probably SUF ?	probably SUF?
Coraciiformes								
A229	Alcedo atthis	BY	IN MOD	NE and central part	57	(3B 53C 1D)	BiE3: Br= (p5000-8000) SDF: r= (371- 628p) (15- 25males); species added to 33 sites and deleted from 1. Probably SUF ? CD for one site population status.	probably SUF?
A229	Alcedo atthis	MD	IN MIN/CD	IN MIN - Lower Prut, CD - check status	7	(1A 5B 1C)	BiE3: Br= (p300-400) SDF: p= (300- 400p) r= (80- 104p); species added to 3 sites but deleted from 3. Reason for deletion? EBCC atlas suggests wider range in country? Still IN MIN ?	IN MIN?

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A229	Alcedo atthis	UA	IN MOD/CD	e.g. Desna valley and Snov valley	169	(4B 140C 25D)	BiE3: Br= (p6000-9500) SDF: c=(1328- 910i) p=(40- 70i) (1- 2p) r=(32-57i) (1683-1740p) w=(63- 57i); species added to 81 sites and deleted from 3. 2 IBA's not covered: IN MIN/IN MOD ? Compare with large N2000 areas in bordering area with Poland and Slovakia?	IN MOD/IN MIN?
A231	Coracias garrulus	BY	IN MIN/CD	CD - update species status, IN MIN - Pripyet	4	(2A 1B 1D)	BiE3: Br= (p20-50) SDF: r= (5- 18p); species added to 2 sites and deleted from 4. Still a number of IBA's not covered; IN MIN?	IN MIN?
A231	Coracias garrulus	MD	IN MIN/IN MOD/CD	CD - update species presence in the sites	21	(14B 7C)	BiE3: Br= (p30-60) SDF: r= (5086-10124p); species added to 13 sites. Probably SUF ? Population numbers in SDF still very high ? Data error ? CD ?	probably SUF?
A231	Coracias garrulus	UA	IN MOD	Chernobyl and S of Odesa	102	(3B 96C 3D)	BiE3: Br= (p4000-5000) SDF: c=(1182-363i) r=(12- 38i) (507-523p); species added to 41 sites but deleted from 31? Reason ? Still a few IBA's uncovered, including one from which the species was deleted (NW - Shatskyi) ?	?
Piciformes								
A234	Picus canus	BY	IN MOD/CD	IN MOD - E part, CD - check status	57	(1B 54C 2D)	BiE3: Br= (p8000-12000) SDF: p= (304-602p) r= (13- 26p); species added to 32 sites, including N and E parts. Probably SUF ? Has status been fully checked (breeding - resident) ?	probably SUF?
A234	Picus canus	MD	IN MOD/CD		32	(5A 21B 6C)	BiE3: Br= (p1200-2100) SDF: p= (919-1356p) r= (99- 740p); species added to 26 sites. Probably SUF ? Check population status: >100% coverage	probably SUF?/CD
A234	Picus canus	UA	IN MOD/CD	NE and Carpathians	177	(3B 171C 3D)	BiE3: Br= (p11000-15000) SDF: c=(1 25i) p=(40-70i) (158- 259p) r= (2116- 1896p) w=(318- 544i); species added to 80 sites and deleted from 1. What about large IBA in the Carpathians? Probably SUF ?	probably SUF?
A236	Dryocopus martius	BY	IN MOD/CD	IN MOD - NE part, CD - check status	85	(4B 76C 5D)	BiE3: Br= (p45000-80000) SDF: p= (763-1300p); species added to 47 sites, including NE part. Probably SUF? Status checked except one record for site BY0000062	probably SUF?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A236	Dryocopus martius	MD	SUF		8	(1B 7C)	BiE3: Br=(p5-10) SDF: c=(14- 21p) r=(92-123p); species added to two sites. No need for further discussion.	SUF
A236	Dryocopus martius	UA	IN MOD/CD	Central part, CD - check status	106	(101C 5D)	BiE3: Br=(p5000-9400) SDF: p=(2-6i) (100-192p) r=(1148-804p) w=(186-372i); species added to 48 sites. Probably SUF ?	probably SUF?
A238	Dendrocopos medius	BY	IN MOD/CD	E part	42	(10B 27C 5D)	BiE3: Br=(p5000-9000) SDF: p=(417-784p); species added to 21 sites, including a few in the east. SDF Breeding population <10% of BiE population. Are SDF population assessments correct (10 B sites represent already 20%)?	?
A238	Dendrocopos medius	MD	IN MOD/CD	IBA in N, enlarge site in the center. CD - check status	13	(2A 8B 3C)	BiE3: Br=(p120-200) SDF: p=(398-520p) r=(135-159p); species added to 8 sites, including in the north. IBA in the centre not completely covered? Probably SUF?	probably SUF?
A238	Dendrocopos medius	UA	SUF		143	(15B 123C 5D)	BiE3: Br=(p6000-9500) SDF: c=(101-265i) p=(3-5i) (231-427p) r=(2659-2546p) w=(128-334i); species added to 75 sites. No need for further discussion	SUF
A239	Dendrocopos leucotos	BY	IN MOD/CD	IN MOD - E part	86	(5B 79C 2D)	BiE3: Br=(p5000-6000) SDF: p=(837-1569p) (0-0males); species added to 47 sites including east part. EBCC atlas indicates wider range in the east ? IN MIN ?	IN MIN?
A239	Dendrocopos leucotos	MD	SR	update distribution	6	(2B 4C)	BiE3: no data SDF: r=(20-30p); species added to 6 sites and deleted from 2 sites. Has the SR sufficiently been resolved ?	?
A239	Dendrocopos leucotos	UA	SUF		62	(5B 53C 4D)	BiE3: Br=(p570-930) SDF: c=(1-5i) p=(3-6i) (62-135p) r=(12-52i) (486-306p) w=(145-168i); species added to 29 sites and deleted from 6. Reason for deletion ? Probably still SUF ?	SUF ?
A241	Picoides tridactylus	BY	IN MOD/CD	E part	46	(3B 38C 5D)	BiE3: Br=(p3000-5000) SDF: p=(340-630p) (0-0males); species added to 20 sites and deleted from 1 site. Probably SUF ?	probably SUF?
A241	Picoides tridactylus	MD	EXCL REF LIST		1	(1B)	BiE3: no data SDF: no data; in 2015 the conclusion was EXCL REF LIST. Today 1B site ? Is the occurrence correct? If yes, population assessment should probably be A?	?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A241	Picoides tridactylus	UA	IN MOD	Carpathians	32	(8B 15C 9D)	BiE3: Br= (p340-530) SDF: c=(10-30i) p=(1-1i) (7- 13p) r=(4-11i) (336-208p) w=(8-15i); species added to 10 sites including Carpathians, and deleted from 2 sites. Are the southern sites correct ? Probably SUF ?	probably SUF?
A429	Dendrocopos syriacus	BY	IN MIN		5	(1B 4C)	BiE3: Br= (p500-1000) SDF: p= (16-59p); species added to 4 sites. Probably SUF?	probably SUF?
A429	Dendrocopos syriacus	MD	IN MIN	1 site - Codrii Tigheci	30	(3A 19B 8C)	BiE3: Br= (p3200-3800) SDF: p= (1733-2252p) r= (58-83p); species added to 19 sites, including Codrii Tigheci. Probably SUF ?	probably SUF?
A429	Dendrocopos syriacus	UA	SUF		127	(112C 15D)	BiE3: Br= (p25000-45000) SDF: c=(23-78i) p=(71- 110i) (451-637p) r=(60-100i) (1228-698p); species added to 84 sites and deleted from 3 sites. No need for further discussion.	SUF
Passeriformes								
A242	Melanocorypha calandra	MD	EXCL REF LIST				BiE3: Br= (p1-10); in 2015 conclusion was EXCL REF LIST. What is the present situation ? Compare with bordering sites in Ukraine?	?
A242	Melanocorypha calandra	UA	IN MOD	Central and E part	61	(3B 58C)	BiE3: Br= (p40000-80000) SDF: c=(8394-14600i) r=(20-40i) (5476-5265p) w=(2487-5850i); species added to 29 sites and deleted from 3 sites. Probably SUF ?	probably SUF?
A243	Calandrella brachydactyla	MD	EXCL REF LIST				What is present situation ? See bordering sites in Ukraine?	EXCL REF LIST?
A243	Calandrella brachydactyla	UA	SR	SE step	24	(1B 23C)	BiE3: Br= (p6000-10000) SDF: c=(546-445i) r= (184-448p); species added to 24 sites, including SE step area. Probably SUF ?	probably SUF?
A246	Lullula arborea	BY	IN MOD	Central and E part	56	(3B 46C 7D)	BiE3: Br= (p20000-35000) SDF: r=(0-0i) (1846-3557p); species added to 23 sites and deleted from 1 site, including centre and east part. SDF population coverage around 10%. Still possible geographical gap in centre and east ?	?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A246	Lullula arborea	MD	IN MIN/IN MOD/CD		17	(6A 10B 1C)	BiE3: Br= (p1600-2400) SDF: p=(10-12i) (5-9p) r= (275-365p); species added to 11 sites. EBCC atlas indicates wider range in north and south ? IN MIN ? CD: Population assessments (6A 10B 1C) to high?	IN MIN/CD ?
A246	Lullula arborea	UA	IN MOD/CD	IN MOD - NW and N	134	(16B 116C 2D)	BiE3: Br= (p8000-12000) SDF: c=(20742-20395i) r=(27-65i) (3705-4591p) w=(21-65i); species added to 70 sites and deleted from 1 site, including NW and N. 1 IBA in Carpathians not covered? IN MIN ?	IN MIN?
A255	Anthus campestris	BY	SUF		10	(6C 4D)	BiE3: Br= (p2000-3000) SDF: r= (20-55p); No need for further discussion	SUF
A255	Anthus campestris	MD	IN MOD	S and central part	16	(6A 6B 4C)	BiE3: Br= (p2000-3000) SDF: p= (10-20p) r= (228-302p); species added to 12 sites and deleted from 1. Probably SUF ? CD: Population assessments (6A 6B 4C) to high? SDF population coverage also indicates lowered percentages.	probably SUF?
A255	Anthus campestris	UA	IN MOD/CD		86	(1B 83C 2D)	BiE3: Br= (p27500-44500) SDF: c=(11922-1710i) r=(31-106i) (2794-2434p); species added to 39 sites and deleted from 13 sites (Reason for deletion ?) Possible geographical gap in NW? EBCC atlas and bordering N2000 sites in Poland also indicate wider range in NW? IN MIN ?	IN MIN ?
A272	Luscinia svecica	BY	IN MOD	Central and E part	49	(6B 37C 6D)	BiE3: Br= (p5000-10000) SDF: r=(30-50i) (1415-2725p); species added to 23 sites, including central and east part. Are the small sites in the centre sufficient ? Probably SUF ?	probably SUF?
A272	Luscinia svecica	MD	SR	Breeding evidence in S	1	(1B)	Has the scientific reserve been resolved ? Species added to 1 site, if it is the only site, probably SUF, but population assessment should be changed?	?
A272	Luscinia svecica	UA	IN MOD/CD	CD - check status	96	(1B 84C 11D)	BiE3: Br= (p235000-280000) SDF: c=(17118-25518i) (1351-10700p) p= (1001-10000p) r=(20-30i) (6730-9632p) w=(6-10i); species added to 79 sites and deleted from 5 sites. Is the centre and NW part sufficiently covered?	?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A293	Acrocephalus melanopogon	MD	SR	update distribution	1	(1B)	Has the scientific reserve been resolved ? Species added to 1 site, if it is the only site, probably SUF, but population assessment should be changed?	?
A293	Acrocephalus melanopogon	UA	SR	update distribution	3	(1B 2C)	BiE3: Br=(p1000-2000) SDF: c=(200-0i) r=(40-0p); has the scientific reserve been resolved? Site population figures and assessments (1B 2C) represent low coverage compared to BiE3?	?
A294	Acrocephalus paludicola	BY	IN MIN	Pripeyt	13	(2A 2B 7C 2D)	BiE3: Br=(c3086-7029) SDF: r=(1457-1604i) (3208-6262p); species deleted from 1 site ? Conclusion remains: IN MIN for Pripeyt ?	IN MIN?
A294	Acrocephalus paludicola	UA	IN MOD	check IBAs, Kiev	14	(2A 10B 2C)	BiE3: Br=(c2600-3400) SDF: c=(500-0i) r=(2715-3268m); species added to 8 sites. 1 IBA east from Kiev still not covered: IN MIN ?	IN MIN?
A307	Sylvia nisoria	BY	IN MOD	Central and E part	42	(1B 36C 5D)	BiE3: Br=(p8000-15000) SDF: r=(1487-3050p); species added to 21 sites, including east and central part. Are the smaller sites in the centre sufficient ? Probably SUF?	Probably SUF?
A307	Sylvia nisoria	MD	IN MOD	S part	30	(5A 16B 9C)	BiE3: Br=(p1000-2000) SDF: p=(1048-2062p) r=(150-200i) (1597-3072p) w=(35-52p); species added to 24 sites including S-part and deleted from 1 site. Still some IBA's in S not fully covered? Importance ? CD: site assessments cover >100% of total?	?
A307	Sylvia nisoria	UA	IN MOD		189	(4B 178C 7D)	BiE3: Br=(p67000-102000) SDF: c=(37252-21440i) r=(65-205i) (7785-5879p); species added to 73 sites and deleted from 3 sites. Difference between BiE3 total population and SDF population quite large. Still a few IBA's south of Kharkiv not covered? Importance for the species ?	?
A320	Ficedula parva	BY	IN MOD	Central and E part	45	(3B 39C 3D)	BiE3: Br=(p60000-100000) SDF: r=(1883-3130p); species added to 21 sites and deleted from 1 site (reason?). Still possible geographical gap in centre and east. Population totals represent rather low percentage compared to the BiE totals.	?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
A320	Ficedula parva	MD	SUF		17	(6A 8B 3C)	BiE3: Br= (p3000-4000) SDF: r= (714-1025p); species added to 9 sites. No need for further discussion.	SUF
A320	Ficedula parva	UA	SUF/CD	CD - check status	158	(1B 141C 16D)	BiE3: Br= (p150000-200000) SDF: c=(25628-11951i) (95-50p) p=(1-1i) r=(257-1210i) (1776-1714p); species added to 68 sites and deleted from 6 sites. CD ? Has the status sufficiently been checked ?	SUF/CD
A321	Ficedula albicollis	BY	SUF/CD	CD - pop.sizes	20	(4B 13C 3D)	BiE3: Br= (p10000-30000) SDF: p= (0-0p) r= (662-1030p); species added to 7 sites. No need for further discussion. CD ? Are the population sizes sufficiently checked ?	SUF/CD
A321	Ficedula albicollis	MD	IN MIN		30	(7A 15B 8C)	BiE3: Br= (p5000-10000) SDF: r= (3430-5410p); species added to 20 sites. Probably SUF ?	probably SUF?
A321	Ficedula albicollis	UA	IN MOD		177	(7B 160C 10D)	BiE3: Br= (p580000-700000) SDF: c=(79621-158256i) (5-0p) r=(60-120i) (29601-43738p); species added to 84 sites and deleted from 4. Probably SUF ?	probably SUF?
A338	Lanius collurio	BY	IN MOD	Central par, NE part	81	(1B 75C 5D)	BiE3: Br= (p50000-70000) SDF: r= (3693-5995p); species added to 45 sites. Probably SUF ?	probably SUF?
A338	Lanius collurio	MD	SUF/CD		48	(9A 29B 10C)	BiE3: Br= (p40000-50000) SDF: r= (12214-15417p); species added to 29 sites and deleted from 2. Large IBA in the south and river Prut were not taken into account in 2015, but they can easily be covered by IN MIN ? CD: site assessments cover >100% of total?	IN MIN/CD ?
A338	Lanius collurio	UA	IN MOD		253	(12B 229C 12D)	BiE3: Br= (p350000-460000) SDF: c=(43901-50580i) r=(100-300i) (24670-26201p); species added to 98 sites. probably SUF?	probably SUF?
A339	Lanius minor	BY	IN MOD/CD	CD - exclude N sites and Bielovez, IN MOD - 2 sites	4	(1B 1C 2D)	BiE3: Br= (p50-200) SDF: r= (617p); as requested, species deleted from 3 sites. But no sites added, eastern part? IN MOD? IN MIN ?	?
A339	Lanius minor	MD	IN MIN/IN MOD/CD	IN MOD - S part, CD - exclude N sites	21	(7A 14B)	BiE3: Br= (p3000-5000) SDF: p= (6-18p) r= (629-962p); species added to 5 sites and deleted from 1. CD: Population assessments (7A 14B) to high, also compared with BiE population total ? Should northern site be excluded as requested in 2015?	probably SUF?

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A339	Lanius minor	UA	IN MOD		146	(130C 16D)	BiE3: Br= (p20000-35000) SDF: c=(10722-5860i) r=(60-150i) (1937-1767p); species added to 65 sites and deleted from 14 sites (reason?, corrections?). Probably SUF ?	probably SUF?
A379	Emberiza hortulana	BY	SUF/CD		14	(1B 8C 5D)	BiE3: Br= (p2500-4000) SDF: r= (129-194p); species added to 4 sites. No need for further discussion	SUF
A379	Emberiza hortulana	MD	IN MOD	S part	22	(12B 10C)	BiE3: Br= (p2000-3000) SDF: p= (80- 100p) r= (825-1167p); species added to 21 sites and deleted from 1 site. Still parts of IBA's in the south not covered? Importance for the species ? Probably SUF ?	?
A379	Emberiza hortulana	UA	IN MOD		127	(2B 110C 15D)	BiE3: Br= (p58000-67000) SDF: c=(14537-9820i) r=(50-200i) (4139-5136p); species added to 61 sites and deleted from 13. Probably SUF ?	probably SUF?
A533	Oenanthe pleschanka	MD	IN MIN/CD	CD - exclude N site, IN MIN - S part	2	(1A 1B)	BiE3: Br= (p30-50); species added to 2 sites (Lower Prut) and deleted from 1 site. Probably SUF?	probably SUF?
A533	Oenanthe pleschanka	UA	IN MOD/CD	CD - check status	42	(40C 2D)	BiE3: Br= (p3000-5500) SDF: c=(313-400i) r=(6-20i) (300-354p); species added to 23 sites and deleted from 7. Probably SUF ?	probably SUF?
Non-res. 6 migratory birds: 20000 waterfowl; 10000 pairs of seabirds (crit. A4iii)								
AAA1	Non-Res. 6 migratory birds: 20000 waterfowl; 10000 pairs of seabirds (crit. A4iii)	BY	ND	ND = "Not Discussed", the criteria was briefly explained, but data not yet sufficiently available for evaluation		-	All IBAs qualifying A4iii are covered by Emerald.	SUF?

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AAA1	Non-Res. 6 migratory birds: 20000 waterfowl; 10000 pairs of seabirds (crit. A4iii)	MD	ND	ND = "Not Discussed", the criteria was briefly explained, but data not yet sufficiently available for evaluation		-	All IBAs qualifying A4iii are covered by Emerald.	SUF?
AAA1	Non-res. 6 migratory birds: 20000 waterfowl; 10000 pairs of seabirds (crit. A4iii)	UA	ND	ND = "Not Discussed", the criteria was briefly explained, but data not yet sufficiently available for evaluation		-	Several IBAs are not covered: mainly in N and E Crimea, 3 between Kharkiv and Dnepropetrovsk. Some IBA names: Dolina r. Mzha, Dolina r. Orel, Kharkovsky reservoir (Energodar), Uzunlarsky lake, Tigulski liman etc. (Authorities should carefully check IBA inventory data and compare with Emerald sites).	IN MOD?
Non-Res. 6 migratory birds: 1% of flyway population (B1i-iii)								
AAA2	Non-Res. 6 migratory birds: 1% of flyway population (B1i-iii)	BY	ND	ND = "Not Discussed", the criteria was briefly explained, but data not yet sufficiently available for evaluation		-	All IBAs qualifying B1i-iii are covered by Emerald.	SUF?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
AAA2	Non-Res. 6 migratory birds: 1% of flyway population (B1i-iii)	MD	ND	ND = "Not Discussed", the criteria was briefly explained, but data not yet sufficiently available for evaluation			Several IBAs along the south border are not entirely or partly covered by Emerald, the largest difference perhaps being with the IBA "Purcari-Etulia".	IN MOD?
AAA2	Non-Res. 6 migratory birds: 1% of flyway population (B1i-iii)	UA	ND	ND = "Not Discussed", the criteria was briefly explained, but data not yet sufficiently available for evaluation			There are differences in borders between IBAs and Emerald sites in many occasions in different parts of Ukraine (i.e. IBAs being larger). Some IBAs qualifying B1i-iii criteria are not proposed at all. Authorities are recommended to carefully check IBA inventory data and compare with Emerald sites and look for possible harmonisation among two inventories.	IN MOD?
Non-Res. 6 migratory birds: bottleneck site; 5000 storks; 3000 raptors (crit. B1iv)								
AAA3	Non-Res. 6 migratory birds: bottleneck site; 5000 storks; 3000 raptors (crit. B1iv)	BY	ND	ND = "Not Discussed", the criteria was briefly explained, but data not yet sufficiently available for evaluation			All IBAs qualifying B1iv are covered by Emerald.	SUF?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
AAA3	Non-Res. 6 migratory birds: bottleneck site; 5000 storks; 3000 raptors (crit. B1iv)	MD	ND	ND = "Not Discussed", the criteria was briefly explained, but data not yet sufficiently available for evaluation			All IBAs qualifying B1iv are covered by Emerald.	SUF?
AAA3	Non-Res. 6 migratory birds: bottleneck site; 5000 storks; 3000 raptors (crit. B1iv)	UA	ND	ND = "Not Discussed", the criteria was briefly explained, but data not yet sufficiently available for evaluation			One IBA qualifying under B1iv is not designated: Ajgul and Kyrleutsk lakes (N Crimea).	IN MOD?

Code	Species Name	Country iso	Final conclusion 2015	Final comments 2015	pASCI 2018	population assessment 2018	Draft Conclusion Comments 2018	Draft Conclusion 2018
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REFERENCES

Databases

SDF: Information provided in the Emerald databases by national authorities (p=permanent, r=reproducing, c=concentration, w=wintering)

BiE3: Birds in Europe 3- information on population sizes in European countries (BirdLife International), (Wi=Wintering, Br=Breeding)

IBA: Important Bird Areas database (BirdLife International)

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