



Detailed draft conclusions on the representation of animal species from Res. No. 6 (1998) of the Bern Convention in proposed Emerald Network Sites in Armenia, Azerbaijan and Georgia (Alpine, Anatolian, Black Sea and Steppic)



Important Notes:

1. This document includes all species reported present in the countries from Emerald databases (Databases analysed: delivery end of 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 from 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.

The SDF tabular database still contains a number of duplicated records for species. As far as possible, these duplicated records (when site code, species code AND population type are equal) are eliminated for the calculation of the total number of sites. As a consequence, the total number of sites in the column "pASCI" and "Population assessment" might be slightly higher than the actual number

Previously SUF decisions will be re-opened (discussed) only if significant negative changes occurred which calls for a review of the sufficiency assessment or if there is significant new information.

Code	Species Name	iso	bio geo	Final Conclusion 2015	Final Comments 2015	pASCI 2017	population assessment 2017	Draft Conclusion Comments 2017	Draft Conclusion 2017
Mammals									
1302	Rhinolophus mehelyi	AM	ALP	SUF		3	(1B 2C)	Added to one new site and deleted from 1 site. Please explain the deletion of the "B" site in the N of the region.	?
1302	Rhinolophus mehelyi	AM	ANA	IN MOD	2 more sites	5	(2A 1B 2C)	3 new sites, deleted from 1 existing site. Probably sufficient?	SUF?
1302	Rhinolophus mehelyi	AZ	ANA	IN MOD		1	(1C)	Added to one new site in Naxcivan. Probably sufficient?	SUF?
1302	Rhinolophus mehelyi	GE	ALP	IN MOD/MIN		2	(1B 1C)	Added to one new site. Still, the information provided by GE authorities suggest a wider distribution along STE_ALP border (see map from the last seminar)? Population assessments also suggest low coverage (i.e. 4-30% at a country level).	?
1302	Rhinolophus mehelyi	GE	STE	IN MOD		3	(1B 1C 1D)	Added to one new site, but information provided by GE authorities suggest a wider distribution along STE_ALP border (see map from the last seminar)? Population assessments also suggest low coverage (i.e. 4-30% at a country level).	?
1303	Rhinolophus hipposideros	AM	ALP	IN MOD/MIN		11	(1A 7B 2C 1D)	Added to several new sites and to one existing site. Now sites cover much of the region, except centre (Sevan and surroundings). Possibly sufficient.	SUF?
1303	Rhinolophus hipposideros	AM	ANA	SUF		8	(1A 4B 1C 2D)	Deleted from one site (Khosrov forest state reserve) and added to 2 new sites. Please explain deletion, otherwise possibly remains sufficient.	SUF?

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1303	Rhinolophus hipposideros	AZ	ALP	IN MOD/MIN	IN MIN for Shahdagh, IN MOD for sites from BAT action plan	3	(1A 2B)	Shahdagh site added, but not sure if all the sites listed in Kandaurov (2008) are now included (e.g. Gabala district, Zaqatala (IN MIN), possibly more). Please consult the publication.	IN MIN/IN MOD?
1303	Rhinolophus hipposideros	AZ	ANA	SUF		2	(2B)	One new site added.	SUF?
1303	Rhinolophus hipposideros	AZ	STE	IN MOD	in Central part	6	(2A 3B 1C)	One new small site added in NW. No changes in the western and central parts of the region.	IN MOD?
1303	Rhinolophus hipposideros	GE	ALP	IN MOD		32	(12B 15C 5D)	4 sites added in the centre. Yet, it is not clear how site reductions in Svanetia (all involving "B" populations) has affected the protection of habitats for this species, e.g. In Racha- Lechkhumi Ridge. Otherwise geographical coverage has much improved, still a possible gap in the centre (Trialeti, Tsalka etc.).	IN MOD?
1303	Rhinolophus hipposideros	GE	BLS	IN MOD		26	(11B 13C 1D)	1 new site added. Not present in the central part of the region?	?
1303	Rhinolophus hipposideros	GE	STE	SUF		5	(1B 1C 3D)	Two new sites added.	SUF?
1304	Rhinolophus ferrumequinum	AM	ALP	SR	SR for cave CHAMIR	12	(2A 5B 4C 1D)	7 new sites added, including 2 sites in the north-east where Shamir cave is located. Is the Shamir cave (complex) now included - no clear from the cartographic information available to evaluator? Apparently sufficient if this is the case.	SUF?
1304	Rhinolophus ferrumequinum	AM	ANA	IN MOD	Metsamor Cave	12	(2A 6B 2C 2D)	2 new sites in Metsamor vicinity (Armavir district). Please confirm that Metsamor cave is now included in the network.	Probablyly SUF?

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1304	Rhinolophus ferrumequinum	AZ	ALP	IN MIN/MOD /CD	CD - species name	3	(1B 2C)	Added to Shahdagh National Park (existing site).[correction: CD applies to STE region]. Occurs more widely in the Greater Caucasus, including foothills? No sites in the Lesser Caucasus.	IN MOD?
1304	Rhinolophus ferrumequinum	AZ	ANA	IN MOD	ARPACHAIY Sanctuary will be added	2	(2C)	A new site (Arpachay) in the western part of the region has been added.	Probably SUF?
1304	Rhinolophus ferrumequinum	AZ	STE	SUF/CD		5	(2B 3C)	One new site added. Please correct species name for AZ0000016. [Machine translation from Azerbaijan Red Book: number: 260 individuals in separate colonies. The most densely populated areas are the mountainous and foothill steppes]. SDFs report 330-370i in the sites, ALP, STE and ANA regions combined. This provides the coverage over 100%. Is this comparison reliable? CD: name.	Probably SUF? CD
1304	Rhinolophus ferrumequinum	GE	ALP	SUF		26	(3A 2B 5C 3D)	Two sites in Svanetia substantially reduced in area. Given that one of these sites had "A" population, and another one "B", previous SUF conclusion can be seriously questioned. Any compensation measures planned?	IN MOD?
1304	Rhinolophus ferrumequinum	GE	BLS	IN MOD		16	(2A 7C)	Still no sites in the central part of the region. As mentioned in the previous assessment, Kandaurov (2008) suggests Okhvameshkari I-III caves near Urta (S of Zugdidi). This sites doesn't seem to be included? There were also area modifications along ALP boundary.	IN MOD?
1304	Rhinolophus ferrumequinum	GE	STE	IN MOD	1 site near Gareji	4	(2B 1C)	2 sites (David Gareji site and Chachuna) added. Are the main colonies now included? Possibly sufficient.	?
1305	Rhinolophus euryale	AM	ALP	SUF		7	(2A 4B 1C)	Added to 4 new sites in the South.	SUF
1305	Rhinolophus euryale	AM	ANA	SUF		6	(2A 3B 1C)	Added to 1 new site in the South.	SUF

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1305	Rhinolophus euryale	AZ	ALP	IN MAJ	Dzalud Village	1	(1B)	OK, added to the large Shaghdagh site. But does the required site include the required location (Dzalud village)? Please confirm, possibly sufficient if this is the case.	?
1305	Rhinolophus euryale	AZ	ANA	-		1	(1B)	New record to the Reference List. Added to the new site in the NW of Naxcivan (Arpachay?). Probably also CD to revisit population assessments, as otherwise only 2 "B" records would mean that there should be other important sites?	Probably SUF? CD?
1305	Rhinolophus euryale	AZ	STE	-		1	(1B)	The site is common to the Alpine region region. Does it occur in the Steppic part of the site? If not - exclude from the Reference List.	?
1305	Rhinolophus euryale	GE	ALP	IN MOD	new reference map will be prepared from GE	18	(10B 8C)	One new site added - Kvernaki. But substantial negative area changes in one of largest sites with "B" population; overall area for species in the region reduced for 50%. The note previous conclusion IN MOD states that "new reference map will be prepared by GE authorities" which evaluators have not received. Any considerations from authorities or NGOs?	IN MOD?
1305	Rhinolophus euryale	GE	BLS	IN MOD	sites as named in BAT action plan	24	(2A 13B 9C)	1A site added. Please confirm that Tsutskhvati VII cave is included. But Urta (Okhvameshkari I-II caves) in the NW part is probably not included?	?
1306	Rhinolophus blasii	AM	ALP	IN MOD/CD	2 sites as in distribution data; CD-population assessment	4	(3A 1B)	Population assessment corrected. Added to three sites, one in centre-west and 2 in couth-east.	SUF?
1306	Rhinolophus blasii	AM	ANA	EXCL REF LIST/CD		4	(3A 1B)	-	-

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1306	Rhinolophus blasii	GE	BLS	-		2	(2A)	Not previously in the Reference List. Added to a new site (Prometheus cave). New discovery? Probably sufficient or new studies are foreseen (thus SR?).	?
1307	Myotis blythii	AM	ALP	IN MOD	1 site as named in BAT action plan	14	(1A 10B 2C 1D)	Many new sites and added to one existing site. Apparently includes also Cave Shamir (NE). Now sites represent the whole territory of the region.	SUF?
1307	Myotis blythii	AM	ANA	IN MOD	1 site as named in BAT action plan	13	(2A 8B 1C 2D)	4 new sites and added to 2 existing sites. Please confirm that Cave Karmir Blur is now included.	SUF?
1307	Myotis blythii	AZ	ALP	IN MIN		4	(1A 3B)	1 new site in Lesser Caucasus. No additions to existing sites; no change in Shagdag NP. AZ Red Book suggests a wider distribution in the Lesser Caucasus?	IN MIN?
1307	Myotis blythii	AZ	ANA	IN MOD	1 site - ARPACHAIY SANCTUARY	2	(2B)	A new site - Arpachay is added for the species.	SUF?
1307	Myotis blythii	AZ	STE	IN MOD	sites as shown in distribution map	2	(2A)	Added to one small site in NW, but otherwise no changes. Distribution map provided by AZ authorities and used in 2015 evaluation suggest a few marginal sites in STE region along Alpine regions of Greater and Lesser Caucasus. Probably IN MOD conclusion remains?	?
1307	Myotis blythii	GE	ALP	SR	Kumistavi Cave	37	(4B 26C 7D)	Any new information obtained on Kumistavi - but isn't it in the BLS region (see below)? Added to a few sites in the central part of the region and one the the east. On the other hand - large area reduced from Svanetia. Is there any clue what proportion of population is now within the network? Population assessment gives 22-100%.	?

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1307	Myotis blythii	GE	BLS	IN MOD	Urta	26	(10B 16C)	One new site, but also other sites have been substantially reduced. No changes in Urta, where Kandaurov (2008) suggests Okhvameshkari caves.	IN MOD?
1307	Myotis blythii	GE	STE	IN MOD/MIN		4	(2C 2D)	One new site added (Chachuna). Are there more colonies in Iori plateau?	?
1308	Barbastella barbastellus	AM	ALP	SR REF LIST		0		Is the Scientific Reserve resolved?	?
1308	Barbastella barbastellus	AZ	ALP	SUF		3	(3B)	One new site added in Lesser Caucasus.	SUF
1308	Barbastella barbastellus	AZ	STE	SUF		5	(5B)	No change. Site distribution corresponds to Gazaryan (2003).	SUF
1308	Barbastella barbastellus	GE	ALP	SR/CD	CD-correction of species name	25	(5B 18C 2D)	3 new sites added in the central part of the region. Gap in Abkhazia according to Gazaryan (2003)? Present in existing sites? Site reductions in Svanetia probably does not affect the protection level, - according to Gazaryan not present here. Any new information on Scientific Reserve? Species name corrected.	?
1308	Barbastella barbastellus	GE	BLS	SR/CD	CD-correction of species name	23	(12B 10C 1D)	Gap in Abkhazia according to Gazaryan (2003)? Any new information on Scientific Reserve? Species name corrected. Added to one site but large area reductions in other sites involving "B" populations.	?
1308	Barbastella barbastellus	GE	STE	SR REF		4	(4D)	Any new information on Scientific Reserve?	?
1310	Miniopterus schreibersi	AM	ALP	IN MOD		9	(6B 3C)	Added to existing sites in the northern part and a few new sites in the south-eastern part. Now site distribution more or less corresponds to the one given by Red Book of Armenia and data provided by AM authorities.	SUF?

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1310	Miniopterus schreibersi	AM	ANA	IN MOD/MIN	IN MIN AM0..012 - Gnishik	8	(1A 5B 2C)	One new site and also added to two existing sites in the central part of the region (including Gnishik). Now site distribution corresponds to the one given by Red Book of Armenia and data provided by AM authorities.	SUF?
1310	Miniopterus schreibersi	AZ	ALP	IN MIN	Shagdagh	0		No sites in the ALP region. Not added to the mentioned site (Shagdagh). Not present? Reference List?	?
1310	Miniopterus schreibersi	AZ	ANA	IN MOD	1 site in W	2	(2B)	One new site in the NW. Probably sufficient?	SUF?
1310	Miniopterus schreibersi	GE	ALP	IN MOD/CD	in MOD-BAT action plan; CD for species name	18	(6B 11C 1D)	Four new sites in the central part of the region. No changes in the Greater Caucasus range except reductions in Svanetia ("B" sites). Have these reductions any effect on locations/colonies for the species? As it seems - the main occurrences of this species was exactly in Svanetia and neighbouring BLS area? Is this correct? CD: Please correct species name.	? CD
1310	Miniopterus schreibersi	GE	BLS	SR/CD	in central part; CD for species name	18	(8B 10C)	One new site added. But are there more sites in the centre? Also areas in the western part have been significantly decreased. Have these reductions any effect on locations/colonies for the species? CD: Please correct species name.	? CD
1310	Miniopterus schreibersii	GE	STE	SR	Distribution	0		Is the Scientific Reserve resolved?	?
1321	Myotis emarginatus	AM	ALP	IN MIN		9	(1A 5B 2C 1D)	Added to many new sites, both in the north and south; now sites cover most of the region.	SUF?
1321	Myotis emarginatus	AM	ANA	IN MIN		8	(2A 3B 2C 1D)	Added to 2 new sites, which are also partly in ALP region. Not present in the western part? Possibly sufficient.	Probably SUF?

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1321	Myotis emarginatus	AZ	ALP	IN MOD		3	(3B)	Added to the existing site Shagdag and one new site in the Lesser Caucasus. Occurs more widely along ALP region borders?	?
1321	Myotis emarginatus	AZ	STE	IN MIN	1 site: Shirvan	4	(4B)	[Machine translation from AZ Red Book: It prevails in dryland areas (Mingachevir, Bozdag Ridge) and forest landscapes (around Lankaran), Aran zone and foothill regions in all natural areas and mostly in the north-west of the country up to 1,000 meters above sea level]. Bozdag ridge and Mingachevir is obviously not included.	IN MIN/IN MOD?
1321	Myotis emarginatus	GE	ALP	IN MOD		27	(6B 19C 2D)	No additions but there are substantial site area reductions in the Svaneti area. Still no sites in the western part of Greater Caucasus? Kandaurov (2008) and IUCN suggest wider distribution - e.g. West part?	IN MOD?
1321	Myotis emarginatus	GE	BLS	IN MOD		18	(6B 12C)	No change except area reduction in the east. Previous conclusion mainly concerned the absence of sites in the central and north-western parts of the region. Are any updates expected?	IN MOD?
1321	Myotis emarginatus	GE	STE	IN MOD	BAT action plan	4	(2B 1C 1D)	Added to two new sites in Iori plateau. At least David Gareji is now included. What about Tetri Senakebi, Dodos Rqa? Please confirm if yes.	SUF?
1323	Myotis bechsteini	AM	ALP	IN MAJ		4	(4A)	2 new sites (including most probably also Goris locality) and added to two existing sites.	SUF?
1323	Myotis bechsteini	AM	ANA	-		2	(2A)	Two sites marginally touch ANA region. Is this species present in ANA parts of the sites? Should the species be included in the Reference List or remain excluded?	?

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1323	Myotis bechsteini	AZ	ALP	IN MOD	BAT action plan	2	(2B)	Added to Zakatala site. Bat Action Plan reports also a colony from surroundings of villages Bunut and Khazrya (Gabala district; probably not included in the network). Please check if they are inside of the Zakatala site. Present also in Lesser Caucasus?	IN MOD?
1323	Myotis bechsteini	AZ	STE	EXCL REF LIST		1	(1B)	-	-
1323	Myotis bechsteini	GE	ALP	SUF		3	(3B)	Added to one new site in the centre of the region.	SUF
1323	Myotis bechsteini	GE	BLS	EXCL REF LIST		2	(2B)	The species is still mentioned in Mtirala and Kintrishi sites. Should the CD conclusion be retained (to delete from the site) or a review of status?	?
1349	Tursiops truncatus	GE	BLS	IN MOD		4	(4A)	No change.	IN MOD? Marine Reserve?
1351	Phocoena phocoena	GE	BLS	IN MOD		4	(4A)	No change.	IN MOD? Marine Reserve?
1352	Canis lupus	AM	ALP	IN MOD	sites for other species	17	(1A 9B 5C 2D)	Many new sites across the region and added to one existing site. Now sites cover a significant proportion of the region.	SUF?
1352	Canis lupus	AM	ANA	IN MOD	sites for other species	15	(1A 8B 3C 3D)	3 new sites and also added to 2 existing sites. Emerald sites now seem to cover the significant part of whole ANA region.	SUF?
1352	Canis lupus	AZ	ALP	SUF		5	(5B)	One new site in Lesser Caucasus. Probably SUF, but wolf should be added to any other site which might be designated in the Lesser Caucasus in future.	SUF?
1352	Canis lupus	AZ	ANA	IN MOD	sites for other species	3	(3B)	One new site was added in NW part - now sites cover a significant proportion of the region.	SUF?

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1352	Canis lupus	AZ	STE	IN MOD	sites for other species	11	(1A 9B 1C)	One new small site in the NW of the region. Otherwise the coverage seems to be fair, but is the wolf really absent from Sirvan NP? But wolves are surely present in Sirvan in high numbers? Add also to this existing site?	IN MIN?
1352	Canis lupus	GE	ALP	SUF		86	(32B 52C 2D)	Added to few new sites in the centre of the region but areas of a few sites significantly reduced. But possibly the latter does not affect network sufficiency for wolf?	SUF?
1352	Canis lupus	GE	BLS	SUF		41	(1A 21B 18C 1D)	No new site but areas of few sites in the eastern part of the region are significantly reduced. But possibly the latter does not affect network sufficiency for wolf?	SUF?
1352	Canis lupus	GE	STE	SUF		12	(8C 4D)	One new site added.	SUF
1354	Ursus arctos	AM	ALP	IN MOD	in SE part	14	(2A 7B 4C 1D)	Many new sites across the region (including SE part). Now sites cover a significant proportion of the region.	SUF?
1354	Ursus arctos	AM	ANA	SUF		11	(2A 6B 3C)	No change.	SUF
1354	Ursus arctos	AZ	ALP	SUF		5	(5B)	One new site in Lesser Caucasus. But bear should be added to any other site which might be designated in the Lesser Caucasus in future. [Machine translation from AZ Red Book: there are 500-700 bears in AZ with main population in the Greater Caucasus]. SDFs report only 125-135i which suggests 20-30% of population in the network.	SUF?
1354	Ursus arctos	AZ	ANA	IN MOD/MIN	IN MIN 1 existing site	2	(2B)	Added to one existing site and one new site. Now sites cover a significant proportion of the region.	SUF?
1354	Ursus arctos	AZ	STE	IN MIN	1 site Mingecaur-Turyanchay	3	(3B)	Added to one existing site, Mingecaur-Turyanchay, as required.	SUF?

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1354	Ursus arctos	GE	ALP	SUF		70	(31B 38C 1D)	Some sites have been substantially reduced. There is a worry that after these reductions, both of which were "B" sites, sites designated for bear do not cover sufficient territory in the Greater Caucasus range, compared to the distribution reported by Lortkipanidze (2010). Can be added at least to more existing sites/compensatory measures?	?
1354	Ursus arctos	GE	BLS	SUF		36	(20B 16C)	Some sites have been substantially reduced, leading to ~50% reduction of all sites in GE_BLS region. Doubtful if this is still SUF situation.	?
1354	Ursus arctos	GE	STE	SUF		8	(7C 1D)	No change.	SUF?
1355	Lutra lutra	AM	ALP	IN MOD	in SE	14	(8B 3C 3D)	Added to 6 new sites (several of them in the SE of the region) and to one existing site.	SUF?
1355	Lutra lutra	AM	ANA	IN MOD	new site between D sites; extension of AM..012 - Gnishik	12	(7B 3C 2D)	3 new sites added in the region. No changes "between 2 D sites in 2015 assessment". Difficult to judge, but possibly Gnishik area may have been slightly reduced? Despite this, the species coverage seems to be reasonable? Possibly sufficient?	?
1355	Lutra lutra	AZ	ALP	SUF		5	(5B)	1 new sites added to Lesser Caucasus.	SUF?
1355	Lutra lutra	AZ	ANA	SUF		3	(3B)	1 new site added in the NW of the region.	SUF?
1355	Lutra lutra	AZ	STE	IN MOD	in Central part	10	(10B)	One small new site in the NW and added to one existing site (Qobustan). No change in the central part, probably there is a need for better cover of river systems including connecting sites/"stepping stones".	IN MOD?

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1355	Lutra lutra	GE	ALP	IN MOD	Javaheti region	68	(38B 25C 5D)	5 new sites in the centre of the region. Only few of them include Javakheti - presumably this region (e.g. border with AM) could be better covered? Significant site area reductions in Svanetia. Really not present in Abkhazia?	IN MOD?
1355	Lutra lutra	GE	BLS	IN MOD	in Centaral part	32	(21B 11C)	No change, except area reductions, thus current sufficiency stuation has even worsened.	IN MOD?
1355	Lutra lutra	GE	STE	SUF		10	(3C 7D)	No change.	SUF?
1356	Mustela lutreola	GE	BLS	EXTINCT		2	(2A)	-	-
1361	Lynx lynx	AM	ALP	IN MOD	in SE part	12	(2A 5B 4C 1D)	Many new sites, including the required SE part. Added to one existing site.	SUF?
1361	Lynx lynx	AM	ANA	IN MIN/CD	CD-population assessment	8	(1A 3B 4C)	The lynx is obviously marginal to AM_ANA. There are a few new sites proposed on the border with ALP part. Probably sifficient?	SUF?
1361	Lynx lynx	AZ	ALP	SUF		4	(4B)	Added to one existing site slightly extending into ALP region (i.e. Mingecaur-Turyanchay). One new site in Lesser Caucasus	SUF?
1361	Lynx lynx	AZ	ANA	IN MIN	Existing site.	0		No change. Conclusion remains?	IN MIN?
1361	Lynx lynx	AZ	STE	IN MIN/CD	IN MIN - AZ..002 - Mingecaur-Turyanchay/CD-delet 008 - Aggol & 007-Shirvan(?);	5	(4B 1D)	Deleted from 2 sites (which is probably correct?), added to one existing site (Mingecaur-Turyanchay). Possibly SUF?	?
1361	Lynx lynx	GE	ALP	SUF		74	(1A 37B 35C 1D)	Few new sites in the centre of the region, but also area of several sites has been significantly reduced. Do the reductions affect network sufficiency for the lynx (all were "B" sites for the species?	?

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1361	Lynx lynx	GE	BLS	SUF		30	(16B 14C)	No change except area reductions in the eastern part of the region. Probably conclusion remains.	SUF?
1361	Lynx lynx	GE	STE	SUF		11	(7C 4D)	No change.	SUF?
1372	Capra aegagrus	AM	ALP	IN MOD	in SE	7	(4A 2B 1D)	Several new sites designated in the SE part of the region.	SUF?
1372	Capra aegagrus	AM	ANA	SUF/CD	CD - population assessment	6	(4A 1B 1D)	Population assessment corrected.	SUF?
1372	Capra aegagrus	AZ	ANA	SUF		1	(1B)	Deleted from one site (Zangezour-Agridad) and added to one new site (Arpachay). Is the deletion correct? AM has several sites across the border adjoining to this site? Please check also population assessment; if this is the only site, it cannot be "B".	? CD
1372	Capra aegagrus	GE	ALP	SUF		2	(2A)	No change.	SUF
2023	Panthera pardus	AM	ALP	IN MOD	in SE	5	(3A 2B)	Several new sites have been added in the SE part of the region.	SUF?
2023	Panthera pardus	AM	ANA	IN MIN	AM..012-Gnishik	4	(3A 1B)	Added to the existing Gnishik site, as required.	SUF?
2023	Panthera pardus	AZ	ALP	NOT EVALUATE D	important population in Nagorno-Karabakh	2	(2C)	In the previous seminar the species was not evaluated in AZ_ALP region based on the fact that there are "important population in Nagorno-Karabakh". However, a distribution map by Breitenmoser et al. (2014) suggest that it is very marginal in the southern section of AZ_ALP region.	?
2023	Panthera pardus	AZ	ANA	IN MIN		2	(2C)	Added to one existing site and one new site. Now sites cover substantial part of AZ_ANA region. But please check population assessments.	SUF? CD

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2023	Panthera pardus	AZ	STE	SUF/CD	CD - population assessment	3	(1B 2C)	Added to one (small) new site in NW (but not reported from this locality by Breitenmoser et al. 2014). Check population assessments.	SUF/CD
2023	Panthera pardus	GE	ALP	SUF		2	(1B 1C)	According to Breitenmoser et al. (2014) could be present in a few more existing sites next to AZ border?	?
2023	Panthera pardus	GE	STE	SUF/CD	CD - population assessment	1	(1C)	Please review population assessments; current 1B2C produces only 2-19% of population cover. Are there more leopards around outside network?	SUF/CD
2635	Vormela peregusna	AM	ALP	IN MOD		9	(4B 5C)	North: deleted from 2 sites and one new site added. South: 3 new sites added and added to one existing site. Difficult to follow the logics of these changes, as it does not correspond to the Red Book of Armenia and data supplied by AM authorities. Please explain the rationale.	?
2635	Vormela peregusna	AM	ANA	IN MOD		8	(1A 4B 3C)	Two new sites added in the northern part and added to one existing site in the southern part of the region. Population cover 25-100%. Possibly sufficient?	?
2635	Vormela peregusna	AZ	ALP	-		1	(1B)	Not occurring in ALP part of the site? Not present on AZ_ANA (?) - there are few AM sites just across the border?	-
2635	Vormela peregusna	AZ	STE	IN MIN	AZ-02, 07, 12-Mingecaur-Turyanchay; Shirvan; Qobustan	3	(3B)	Added to three required sites. [Yet the few large sites seem to be not a very efficient network? There is probably a need for a finer site network, e.g. "stepping stones" for dispersal?]	?
2635	Vormela peregusna	GE	ALP	IN MOD/ SR		0		IUCN data suggest possible presence. Any new information?	IN MOD/SR?

Code	Species Name	iso	bio geo	Final Conclusion 2015	Final Comments 2015	pASCI 2017	population assessment 2017	Draft Conclusion Comments 2017	Draft Conclusion 2017
2635	Vormela peregusna	GE	STE	SR REF LIST		0		Is the Scientific Reserve resolved?	?
2649	Gazella subgutturosa	AZ	ALP	-		1	(1B)	Not occurring in ALP part of the site?	-
2649	Gazella subgutturosa	AZ	STE	IN MIN/CD	IN MIN-AZ..02-Mingecaur-Turyanchay; CD-pop. assesm AZ..08-Aggol; AZ..06-Zuvadi should be deleted	4	(2A 1B 1C)	Added to one existing site (Mingecaur-Turyanchay) and deleted from one existing site (Zuvand) in the south. Aggol now has population "A".	SUF?
4005	Ovis orientalis ophion	AZ	ANA	EXCL REF LIST/CD	AZ..001 should be deleted	1	(1B)	Deleted from one site but also added to another (new site)? This subspecies is limited to Cyprus only! Please delete from the site.	- CD?

Code	Species Name	iso	bio geo	Final Conclusion 2015	Final Comments 2015	pASCI 2017	population assessment 2017	Draft Conclusion Comments 2017	Draft Conclusion 2017
Reptiles									
1219	Testudo graeca	AM	ALP	IN MOD	in NW&SE	5	(3A 1B 1C)	Two new sites have been added (NW). No change in SE - please explain the reason. Deleted from 2 sites.	IN MIN/IN MOD?
1219	Testudo graeca	AM	ANA	IN MOD	1 new site along Metsamor River - the same site as for other species	7	(3A 2B 1C 1D)	2 new sites added along Metsamor, but deleted from 1 site (Gnishik) as well. Please explain?	SUF?
1219	Testudo graeca	AZ	ALP	SUF		5	(4B 1C)	One new site added in Lesser Caucasus.	SUF?
1219	Testudo graeca	AZ	ANA	IN MOD	1 new site in the W part	2	(2C)	One site added in Naxcivan, W part.	SUF?
1219	Testudo graeca	AZ	STE	SUF		13	(4B 7C 2D)	One new site added in NW.	SUF
1219	Testudo graeca	GE	ALP	IN MOD		7	(5B 1C 1D)	Added to three new sites. Not present in the SW Lesser Caucasus? Javakheti?	?
1219	Testudo graeca	GE	BLS	SUF		5	(5B)	Only negative change. Area of Emerald territory for species has been substantially reduced, and these changes occurred with "B" populations. Possible compensatory measures required?	?
1219	Testudo graeca	GE	STE	IN MOD		6	(5B 1C)	1 new site (Chachuna).	Probablyly SUF?
1220	Emys orbicularis	AM	ALP	IN MOD	in SE	3	(2A 1C)	OK, one site added in SE (thus could be sufficient), but one also deleted in the northern part. Please explain.	?
1220	Emys orbicularis	AM	ANA	EXCL REF LIST		1	(1A)	-	-
1220	Emys orbicularis	AZ	ALP	SUF		4	(4B)	1 new site in Lesser Caucasus.	SUF?
1220	Emys orbicularis	AZ	STE	IN MIN	1 site - AZ..010-Samur Yalama	9	(6B 3C)	One site added in NW (upper Kura), one record added to existing site (NE, Samur Yalama - thus OK), but one also deleted (Shirvan). Possible sufficient?	?

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1220	<i>Emys orbicularis</i>	GE	ALP	SUF		14	(5B 6C 3D)	Added to few new sites in centre.	SUF?
1220	<i>Emys orbicularis</i>	GE	BLS	SUF		11	(2B 9C)	Added to 1 new site. But areas of few sites also reduced. This negative change possibly doesn't have significant effect as these sites held "C" populations of pond turtle.	SUF?
1220	<i>Emys orbicularis</i>	GE	STE	SUF		8	(7B 1C)	Added to one new site.	SUF?
1222	<i>Mauremys caspica</i>	AM	ALP	IN MOD	in NW&SE	6	(1A 1B 4C)	New sites (4) added both to NW and SE. Now most of the region is covered. Current sites well cover distribution as reported in Arakelyan & Parham (2008).	SUF?
1222	<i>Mauremys caspica</i>	AM	ANA	IN MOD		9	(1A 5B 3C)	3 new sites added (including central part as required in previous conclusion) and the species is also added to one existing site. Current sites more or less correspond to distribution as reported in Arakelyan & Parham (2008).	SUF?
1222	<i>Mauremys caspica</i>	AZ	ALP	IN MIN	1 site - AZ..03	2	(2B)	Not added to Zakatala, as previously suggested. Is there any new information of absence? [Present also in Nagorny Karabakh according to Arakelyan & Parham (2008)].	IN MIN?
1222	<i>Mauremys caspica</i>	AZ	STE	IN MOD/MIN	IN MIN - AZ..10; IN MOD - central part	9	(6B 3C)	1 new site in NW, and added to 2 existing sites, including the required Samur Yalama. But it seems that IN MOD for the central part of the region would remain, as there are no significant changes in this part.	IN MOD?
1222	<i>Mauremys caspica</i>	GE	ALP	EXCL REF LIST		3	(1B)	-	-
1222	<i>Mauremys caspica</i>	GE	STE	SUF		7	(2B 1C)	No change.	SUF

Code	Species Name	iso	bio geo	Final Conclusion 2015	Final Comments 2015	pASCI 2017	population assessment 2017	Draft Conclusion Comments 2017	Draft Conclusion 2017
1279	Elaphe quatuorlineata	AZ	ALP	SR	distribution	2	(1B 1C)	Is the Scientific Reserve resolved? Site assessments not changed and probably need revision. According to http://maps.iucnredlist.org/map.html?id=157264 this species should not be present in AZ.	CD? Exclude from the RL?
1279	Elaphe quatuorlineata	AZ	STE	SR	distribution	3	(1B 2C)	Is the Scientific Reserve resolved? Added to one new site (upper Kura, NW). Site assessments not changed and probably need revision. According to http://maps.iucnredlist.org/map.html?id=157264 this species should not be present in AZ.	CD?
1279	Elaphe quatuorlineata	GE	STE	IN MIN	Vashlovani, Chachuna.	0		No change. Vashlovani, Chachuna.	IN MIN?
1298	Vipera ursinii	AZ	ALP	SUF/CD	CD-population assessment	1	(1B)	No change. [IUCN Red List Data] show no presence in AZ. In previous seminar the presence was confirmed. Any new data or we can remain with SUF conclusion?	?
1298	Vipera ursinii	AZ	ANA	SR REF LIST		0		Is the Scientific Reserve resolved?	?
1298	Vipera ursinii	AZ	STE	IN MOD	enlargement of AZ..012-Qobustan site	3	(3B)	Added to one existing site (Qobustan). Although the area of this site has increased area in tabular database (from 2000 to 29358 ha), there is no change in the spatial dataset. Given that the conclusion was done looking at the map shown on the screen, the need for enlargement from 29358 ha onwards was already considered. Thus probably more enlargement can be expected?	IN MOD?
1298	Vipera ursinii	GE	ALP	SR Taxonomy		0		Is the Scientific Reserve resolved?	?

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2008	Vipera kaznakovi	GE	ALP	SUF		21	(15B 6C)	No new sites or records, but due to substantial negative changes in area of several large sites, about a half of protected territory for this species is lost. On the other hand, a map given by IUCN suggests its main occurrence in BLS region and absence in Svanetia (http://maps.iucnredlist.org/map.html?id=22990)!	?
2008	Vipera kaznakovi	GE	BLS	SUF		25	(20B 3C)	1 new site, area of some of existing sites substantially decreased. However, there is the same note as for ALP region: according to IUCN map mentioned above, species distribution range is mainly along Black Sea and does not extent to more eastern locations where the mentioned site reductions occurred. In this case the middle of distribution range is not sufficiently covered.	IN MOD?
2402	Lacerta clarkorum	GE	ALP	SUF		1	(1C)	No change. CD: review population assessment: the only site cannot be "C".	SUF/CD
2402	Lacerta clarkorum	GE	BLS	IN MIN/CD	1 site GE..31-Machackela/CD-pop assessment	1	(1C)	Not added to the existing site GE0000031-Machackela.	IN MIN/CD?

Code	Species Name	iso	bio geo	Final Conclusion 2015	Final Comments 2015	pASCI 2017	population assessment 2017	Draft Conclusion Comments 2017	Draft Conclusion 2017
Amphibians									
1171	Triturus karelinii	AZ	ALP	SUF		4	(4B)	1B new site added. SDF reports also population sizes in sites - 1273- 2530i, but there is no reference information found for comparison.	SUF?
1171	Triturus karelinii	AZ	STE	SUF/CD	CD-population assessment	5	(3B 2D)	Added to one existing site. Currently population coverage is 10-75% (5B2D). SDF reports also population sizes in sites - 812-1590i, but there is no reference information found for comparison.	Probably SUF?
1171	Triturus karelinii	GE	ALP	SUF		24	(6B 13C 5D)	Added to a few more sites, coverage improved, particularly in the central part of the region, but few sites reduced.	SUF?
1171	Triturus karelinii	GE	BLS	IN MOD	especially in Central part	17	(7B 10C)	One small site added in the central part, but there area also several area modifications with substantial decrease in area. Surely more territory lost than gained. Thus IN MOD conclusion needs to be retained?	IN MOD?

Code	Species Name	iso	bio geo	Final Conclusion 2015	Final Comments 2015	pASCI 2017	population assessment 2017	Draft Conclusion Comments 2017	Draft Conclusion 2017
Fish									
1101	Acipenser sturio	GE	BLS	IN MOD/SR	SR-Rhioni; IN MOD - Marine part	4	(3A 1D)	No change. Has scientific reserve been resolved? The point was if the species is present more upstream? Reference suggest 70 km Inguri and 120-150 km Rioni (Bacalbasa-Dobrovici & Holcik 2000). IN MOD applies to the marine part.	IN MOD/SR?
1130	Aspius aspius	AM	ALP	SUF		5	(1A 3B 1C)	Added to a few more sites in the S part.	SUF?
1130	Aspius aspius	AM	ANA	IN MOD	1 new site - Metsamor	8	(4A 3B 1C)	Metsamor is now covered. Population assessments now correct.	SUF?
1130	Aspius aspius	AZ	ALP	EXCL REF LIST		1	(1B)	-	-
1130	Aspius aspius	AZ	STE	IN MIN/CD	1 site - Kura Delta; CD- Gyzylagach	9	(9B)	1 new site and added to 3 existing sites. Kura Delta and Gyzylagach were already in the network (?). Population assessments corrected.	SUF?
1130	Aspius aspius	GE	BLS	IN MOD		0		No change. At least in Rioni, Inguri, and other rivers (Ninua & Japoshvili 2008)	IN MOD?
1130	Aspius aspius	GE	STE	SR REF LIST		0		Is Scientific Reserve resolved?	?
1134	Rhodeus sericeus amarus/5339 Rhodeus amarus	AM	ALP	-		1	(1A)	Present in ALP part of the site?	?
1134	Rhodeus sericeus amarus/5339 Rhodeus amarus	AM	ANA	IN MIN		5	(4A 1B)	Added to 5 sites. Possibly sufficient?	?
1134	Rhodeus sericeus amarus/5339 Rhodeus amarus	AZ	ALP	EXCL REF LIST		1	(1B)	-	-

Code	Species Name	iso	bio geo	Final Conclusion 2015	Final Comments 2015	pASCI 2017	population assessment 2017	Draft Conclusion Comments 2017	Draft Conclusion 2017
1134	Rhodeus sericeus amarus/5339 Rhodeus amarus	AZ	STE	IN MIN	1 site - Kura delta	7	(4B 3C)	Added to a new site (Kura NW, Karayazi forest) and added to an existing site - Kura delta. In one site (Kura delta) the species is reported both as 1134 and 5339! Please use just one code/name (preferably new) and use it consistently!	SUF/CD?
1134	Rhodeus sericeus amarus/5339 Rhodeus amarus	GE	BLS	IN MAJOR		0		No change. Present in Black Sea basin (Kottelat & Freyhof 2007; Ninua & Japoshvili 2008).	IN MAJOR?
1141	Chalcalburnus chalcoides	AZ	ALP	EXCL REF LIST		1	(1C)	-	-
1141	Chalcalburnus chalcoides	AZ	ANA	SUF		2	(2C)	Moreover, added to another new site.	SUF?
1141	Chalcalburnus chalcoides	AZ	STE	SUF		7	(6B 1C)	Deleted from one site (former B site, AZ0000002). Please explain. After this deletion, there are no more sites left in the northern part of the region and no connection with the GE populations reported. Geographical gap?	?
1141	Chalcalburnus chalcoides	GE	ALP	SUF/CD	CD - population assessment	2	(1B 1C)	Population coverage still amounts at only 6-45%. Review population assessments?	Possibly SUF? And CD?
1141	Chalcalburnus chalcoides	GE	STE	SUF		4	(2B 1C 1D)	No change.	SUF?
1143	Barbus capito/5918 Luciobarbus capito	AM	ALP	-		5	(1A 3B 1C)	The species was entered as 6168 Luciobarbus comizo. However, this species is endemic to Tagus and Guadiana river basins in Spain and Portugal. In this evaluation it was assumed that it was mistook with Luciobarbus capito, which indeed occurs in AM. 2 new sites and added to one existing site. Possibly sufficient?	? CD?
1143	Barbus capito/5918 Luciobarbus capito	AM	ANA	-		8	(4A 3B 1C)	See the note above for AM_ALP. 3 new sites and added to another 3 existing sites.	SUF? CD?

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1143	Barbus capito/5918 Luciobarbus capito	AZ	ALP	IN MOD/MIN	IN MOD - Alazan River	5	(2B 3C)	Added to one new site and to another one existing site.	Probably SUF?
1143	Barbus capito/5918 Luciobarbus capito	AZ	ANA	SR	distribution	2	(2C)	Added to one new site in Naxcivan. Important river habitats for spawning (species is semi-anadromous but also in land-locked reservoirs; Caspian basin) presumably covered.	SUF?
1143	Barbus capito/5918 Luciobarbus capito	AZ	STE	SUF		12	(7B 5C)	Added to one new site in NW.	SUF?
1143	Barbus capito/5918 Luciobarbus capito	GE	ALP	IN MOD	in Center	4	(1B 3C)	No substantial change - there are area modifications but it applies to a site only marginally belonging to Caspian basin (?). Yet probably better coverage of distribution range could be achieved? Population assessment suggests low coverage.	IN MOD?
1143	Barbus capito/5918 Luciobarbus capito	GE	BLS	EXCL REF LIST		1	(1C)	-	-
1143	Barbus capito/5918 Luciobarbus capito	GE	STE	IN MOD	Jandara Lake	2	(1B 1D)	Jandari Lake still not included. Population assessment suggests low coverage.	IN MOD ?
1146	Sabanejewia aurata	AM	ALP	IN MIN		6	(1A 3B 2C)	Added to two new sites and one existing site. Population cover now 60-100% at country level.	Probably SUF?
1146	Sabanejewia aurata	AM	ANA	IN MOD	Yervandashat	9	(2A 5B 2C)	3 new sites added and also added to two existing sites. Population cover now 60-100% at country level.	Probably SUF?
1146	Sabanejewia aurata	AZ	STE	IN MIN		0		No change. Present according to IUCN and Naseka (2010).	IN MIN?
1146	Sabanejewia aurata	GE	ALP	IN MAJOR		0		No change. Tbilisi, Sioni reservoir (Ninua & Japoshvili 2008)	IN MAJOR?

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1146	Sabanejewia aurata	GE	STE	IN MIN		0		No change. Mtkvari, Iori, Alazani and tributaries, Khrami and other rivers (Ninua & Japoshvili 2008).	IN MIN?
1989	Alosa caspia vistonica	AZ	STE	IN MOD	Coastal sites S of Absheron	4	(4C)	Added to two existing sites - Samur Yalama and Absheron. In fact, according to FishBase, only another sub-species Alosa caspia caspia occur in AZ. Alosa caspia vistonica, or Alosa vistonica, is restricted to coastal Lake Vistonis in northern Greece. Res. 6 cover only Greek subspecies, thus these 4 records should be deleted from the database.	? CD
2484	Eudontomyzon mariae	GE	BLS	IN MIN/IN MAJOR		0		No change. Present next to RU border (Kottelat & Freyhof 2007).	IN MIN/IN MAJOR?
2522	Pelecus cultratus	AZ	STE	IN MIN	2 sites along Caspian coast.	0		No change. 2 sites along Caspian coast.	IN MIN?
4125	Alosa immaculata/Alosa maeotica	GE	BLS	IN MAJOR	Black sea coastal waters	0		No change. Black sea coastal waters.	IN MAJOR?
4127	Alosa tanaica	GE	BLS	IN MIN/IN MAJOR	IN MIN: Lake Polistomi. IN MAJOR: coast	0		No change. Conclusion remains.	IN MIN/IN MAJOR?
5048	Alosa vistonica	AZ	STE	-		5	(5B)	Added to 4 existing sites, but only a very small area covers sea waters. 4 of these 5 sites are also reported above for Alosa caspia vistonica (1989). According to Wikipedia Alosa vistonica is endemic to a single shallow lake, Lake Vistonida in Greece. Delete from the database.	? - CD?

Code	Species Name	iso	bio geo	Final Conclusion 2015	Final Comments 2015	pASCI 2017	population assessment 2017	Draft Conclusion Comments 2017	Draft Conclusion 2017
Invertebrates									
1014	Vertigo angustior	AM	ALP	SUF		1	(1A)	No change	SUF
1014	Vertigo angustior	AZ	STE	SR	check 2 locations - AZ..05/06 & in the border with L Caucasus, W part of AZ	2	(2B)	Added to 2 existing sites, previously there were no new sites. According to [Caucasus snails], one of two sites mentioned in previous conclusion is not covered, i.e., the one in the western part (near Goygol) is still not covered.	?
1014	Vertigo angustior	GE	ALP	IN MAJOR		0		No change. [Caucasus snails] suggest location west from Tbilisi.	IN MAJOR?
1014	Vertigo angustior	GE	BLS	SR REF LIST		0		Is Scientific Reserve resolved?	?
1016	Vertigo moulinsiana	AM	ALP	SR	2 locations	1	(1A)	Added to one existing site. [Caucasus snails] suggested also one location near Vanadzor in N part?	?
1016	Vertigo moulinsiana	AZ	ALP	NE		0		Previous conclusion was "not evaluated" as presumably species is present only in Nagorno Karabakh. Any update?	?
1016	Vertigo moulinsiana	GE	BLS	SR	Near Poti.	0		No change.	SR?
1042	Leucorhina pectoralis	AM	ALP	SUF		1	(1A)	No change.	SUF?
1042	Leucorhina pectoralis	GE	ALP	SUF		22	(4B 12C 6D)	4 sites added in the center of the region. Areas of 2 sites in Svanetia have been significantly reduced. Probably this doesn't have a significant effect on the previous SUF assessment because both reduced sites held only "D" (insignificant) populations of this species.	SUF?
1042	Leucorhina pectoralis	GE	BLS	SUF		11	(3B 6C 2D)	1 new site added, but there are also some negative area modifications.	?

Code	Species Name	iso	bio geo	Final Conclusion 2015	Final Comments 2015	pASCI 2017	population assessment 2017	Draft Conclusion Comments 2017	Draft Conclusion 2017
1042	Leucorrhinia pectoralis	GE	STE	SUF/CD	CD-population assessment	1	(1D)	Previous conclusion was to review "D" population assessment for the only site. No change. Does that mean that there is no permanent population and species should be taken out of the Reference List?	?
1043	Lindenia tetraphylla	AZ	ALP	-		1	(1B)	Added to one existing site extending into the ALP region, but does it occur in the ALP parts of these sites? [IUCN Red List data] inform that this species reproduces in lakes and in slow-flowing rivers, thus probably not in Alpine habitat?	?
1043	Lindenia tetraphylla	AZ	STE	IN MOD/MIN /CD/SR	IN MIN-AZ..02; CD- Coastal sites; SR-Absheron	8	(6B)	Deleted from 3 sites (2 of them marine, which is surely correct), added to 3 existing sites (Mingacevir Su Anbari, Abseron, Samur-Yalama). Geographical coverage has slightly improved but still likely incomplete as Skvortsov (2010) marks it nearly for the whole country. Check with freshwater IBAs suggested for adding from Tbilisi December 2016 seminar?	IN MOD?
1043	Lindenia tetraphylla	GE	ALP	SUF		17	(4B 8C 5D)	Several new sites added in the centre. There are substantial area reduction in Svanetia, but probably this doesn't have a significant effect on previous SUF conclusion as these were "D" sites.	SUF?
1043	Lindenia tetraphylla	GE	BLS	IN MOD/MIN		10	(3B 5C 2D)	One new site and some area modifications. Different references suggest different distribution: some suggest only Abkhazia (IUCN, Svortsov 2010), others (e.g. GE authorities) the whole country. Present in more existing sites?	IN MOD/IN MIN?

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1043	Lindenia tetraphylla	GE	STE	SR REF LIST		1	(1D)	Is the scientific reserve resolved? Check with AZ authorities - the same river crossing the border to AZ shares "B" assessment, which means that species has significant populations in this river catchment? Why not in GE?	?
1060	Lycaena dispar	AM	ANA	SR REF LIST		0		Is the Scientific Reserve resolved?	?
1060	Lycaena dispar	AM	ANA	SR REF LIST		0		Is the Scientific Reserve resolved?	?
1060	Lycaena dispar	AZ	ALP	IN MAJ		1	(1B)	Previous conclusion was: [Butterflies of Caucasus] reports 3 sites: - 1 site in main Caucasus range NW and 2 sites in N Naxcivan region (but this is ANA region, see below). There is no change in the NW site of Caucasus main range (Zakatala?).	IN MIN?
1060	Lycaena dispar	AZ	ANA	SR		2	(2B)	2 sites added as requested (one new and one record to an existing site), see above.	SUF?
1060	Lycaena dispar	AZ	STE	IN MIN		1	(1B)	Does it occur in the Steppic region? If yes, probably SUF as also reported from Vashlovani in GE (but here it is only "D" site).	?
1060	Lycaena dispar	GE	ALP	SUF		36	(11B 13C 12D)	Added to a few more sites in the centre. There are also substantial area reductions but these sites held only "D" populations of this species.	SUF?
1060	Lycaena dispar	GE	BLS	SUF		19	(10B 6C 3D)	Added to one new site and there have been also some area modifications.	SUF?
1060	Lycaena dispar	GE	STE	SUF/CD	CD-population assessment	4	(4D)	No change. Population assessments to be changed to "C"? Or delete from the Reference List - but cross-check with the AZ-STE decision!	?

Code	Species Name	iso	bio geo	Final Conclusion 2015	Final Comments 2015	pASCI 2017	population assessment 2017	Draft Conclusion Comments 2017	Draft Conclusion 2017
1061	Maculinea nausithous/6179 Phenagris nausithous	AM	ALP	IN MIN	IN MIN-AM..07&011-Lori lake&Dilidjan	3	(3A)	Please use the species name (old or preferably new) consistently. One site reported as Maculinea nausithous (AM0000002) and 2 as Phenagris nausithous (AM0000004, AM0000007). Added to required sites.	SUF/CD?
1061	Maculinea nausithous/6179 Phenagris nausithous	AM	ANA	-		2	(2A)	Please use the species name (old or preferably new) consistently. Present in ANA part of the site, probably not? [Butterflies of Armenia] also suggest possible presence, but marginal. Reference List?	CD?
1061	Maculinea nausithous/6179 Phenagris nausithous	GE	ALP	SR		0		Is Scientific Reserve resolved? [Butterflies of Caucasus] suggest 4 localities.	?
1061	Maculinea nausithous/6179 Phenagris nausithous	GE	BLS	IN MIN		0		No change.	IN MIN?
1078	Callimorpha quadripunctaria/ 6199 Eupalagia quadripunctaria	AM	ALP	-		11	(3A 3B 3C 2D)	Added to many new and existing sites. Now sites cover substantial part of the region. Possibly sufficient.	SUF?
1078	Callimorpha quadripunctaria/ 6199 Eupalagia quadripunctaria	AM	ANA	-		8	(3A 3B 1C 1D)	2 new sites and added to 2 existing sites. Possibly sufficient (no good reference information found).	SUF?
1078	Callimorpha quadripunctaria/ 6199 Eupalagia quadripunctaria	AZ	ALP	SUF		1	(1B)	But population assessment needs to be corrected: if it is one of 2 sites in the country, it should be "A".	SUF? CD
1078	Callimorpha quadripunctaria/ 6199 Eupalagia quadripunctaria	AZ	STE	SUF		2	(2B)	But population assessment needs to be corrected: if it is one of 2 sites in the country, it should be "A" (see also AZ_ALP assessment above).	SUF? CD

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1078	Callimorpha quadripunctaria/ 6199 Eupalagia quadripunctaria	GE	ALP	IN MOD	Lesser Caucasus	15	(4B 6C 5D)	No substantial change. Only a tiny area has been added in the Lesser Caucasus, but this could be also an artefact of recoding sites. Information from GE authorities (see appendix) suggest more sites in the southern part of Lesser Caucasus along the Turkish and Armenian border. Large areas have been reduced in Svanetia.	IN MOD?
1078	Callimorpha quadripunctaria/ 6199 Eupalagia quadripunctaria	GE	BLS	SUF		7	(2B 3C 2D)	No substantial change, only some area modifications.	SUF?
1081	Dytiscus latissimus	AZ	ALP	EXCL REF LIST		1	(1C)	-	-
1081	Dytiscus latissimus	AZ	STE	SUF		8	(2B 6C)	One new site in the NW.	SUF?
1081	Dytiscus latissimus	GE	STE	SR REF LIST		0		Is the Scientific Reserve resolved?	?
1083	Lucanus cervus	AZ	ALP	SUF/CD	CD-population assessment	1	(1A)	Population data corrected.	SUF?
1083	Lucanus cervus	AZ	STE	SUF/CD	CD-population assessment	2	(2A)	Population data corrected.	SUF?
1083	Lucanus cervus	GE	ALP	IN MIN	Abkhazia, Lagodekhi	0		No change. Conclusion remains?	IN MIN?
1087	Rosalia alpina	AM	ALP	IN MOD	S	3	(2A 1C)	New territory added in the South as required.	SUF?
1087	Rosalia alpina	AM	ANA	EXCL REF LIST		2	(1A 1C)	-	-
1087	Rosalia alpina	AZ	ALP	SUF/CD	CD-population assessment	4	(3A 1C)	Population assessment corrected. Moreover, one new site added in the Lesser Caucasus.	SUF?
1087	Rosalia alpina	AZ	ANA	SUF/CD	CD-population assessment	2	(2C)	Population assessment corrected, one new site added.	SUF?

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1087	Rosalia alpina	AZ	STE	SUF/CD	delete Shirvan & population assessment	3	(2A 1C)	CD remains as Shirvan is not deleted (or please provide any support to the record in Shirvan NP).	SUF/CD
1087	Rosalia alpina	GE	ALP	IN MIN		26	(14B 7C 4D)	A few new sites added, but species is not added to any of the existing sites. Large area reduction in one of Svaneti sites. No additions to the main Caucasus Range. Possibly conclusion remains?	IN MIN?
1087	Rosalia alpina	GE	BLS	SUF		26	(18B 6C 2D)	One new site and several area modifications. In this case more area has been lost than gained. Sites with reduced areas had "B" (i.e. quite significant) populations. Given the Vulnerable status of the species (IUCN), compensatory measures should be applied.	IN MOD?
1088	Cerambyx cerdo	AM	ALP	IN MOD	in SE (the same site as for other species)	7	(3A 3B 1C)	New territory added in SE. Population coverage currently 51-100%.	SUF?
1088	Cerambyx cerdo	AM	ANA	SUF		4	(2A 2B)	No change.	SUF?
1088	Cerambyx cerdo	AZ	ALP	IN MIN	1 site - AZ..03- Zakataly-Ilisy	4	(3A 1B)	Added to Zakataly-Ilisy.	SUF?
1088	Cerambyx cerdo	AZ	STE	IN MIN	1 site - AZ..05-Hirkan	3	(2A 1B)	OK, added to Girkan forest.	SUF?
1088	Cerambyx cerdo	GE	ALP	IN MIN		24	(11B 7C 6D)	Few new sites in the centre of the region. Still a gap in Svanetia? Information provided by GE authorities would suggest so? On opposite, large areas in Svanetia are reduced (but with "D" populations).	?
1088	Cerambyx cerdo	GE	BLS	SUF		17	(10B 5C 2D)	One new site and several area modifications. In this case more area has been lost than gained. Sites with reduced areas had "B" (i.e. quite significant) populations. Given the Vulnerable status of the species (IUCN), compensatory measures should be applied.	IN MOD?

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1926	Stephanopachys linearis	GE	ALP	IN MIN		25	(17B 5C 3D)	Added to 3 new sites bt areas of other sites reduced. Really present in Georgia, including in BLS and STE regions? IUCN and Fauna Europaea do not expect this species in Caucasus. Not reported also from Emerald sites in North Caucasus (Russian Federation - conclusions from seminar in 2016).	?
1926	Stephanopachys linearis	GE	BLS	SUF		20	(15B 3C 2D)	See above.	?
1926	Stephanopachys linearis	GE	STE	SUF		1	(1B)	See above.	?
1930	Agriades glandon aquilo	GE	ALP	EXCL REF LIST/CD	this subspecies is not in GE	26	(15B 5C 6D)	- Delete from sites. This sub-species is probably not present in the region; restricted to Alps and Pyrenees (IUCN).	- CD
1930	Agriades glandon aquilo	GE	BLS	EXCL REF LIST/CD	this subspecies is not in GE	14	(9B 3C 2D)	- Delete from sites. This sub-species is probably not present in the region; restricted to Alps and Pyrenees (IUCN).	- CD
1930	Agriades glandon aquilo	GE	STE	EXCL REF LIST/CD	this subspecies is not in GE	1	(1D)	- Delete from sites. This sub-species is probably not present in the region; restricted to Alps and Pyrenees (IUCN).	- CD
1932	Erebia medusa polaris	GE	ALP	EXCL REF LIST/CD	this subspecies is not in GE	25	(3B 15C 7D)	- Delete from sites. This sub-species seem to be absent from the region; it occurs in northern Norway, Finland and Lapland (IUCN).	- CD
1932	Erebia medusa polaris	GE	BLS	EXCL REF LIST/CD	this subspecies is not in GE	7	(2B 3C 2D)	- Delete from sites. This sub-species seem to be absent from the region; it occurs in northern Norway, Finland and Lapland (IUCN).	- CD
1932	Erebia medusa polaris	GE	STE	EXCL REF LIST/CD	this subspecies is not in GE	1	(1B)	- Delete from sites. This sub-species seem to be absent from the region; it occurs in northern Norway, Finland and Lapland (IUCN).	- CD

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1933	Hesperia comma catena	GE	ALP	EXCL REF LIST/CD		16	(8B 5C 3D)	- Delete from sites. This sub-species is probably not present in the region (in EU occurs only in Finland and Sweden; Art. 17 report)	- CD
1933	Hesperia comma catena	GE	BLS	EXCL REF LIST/CD		5	(2B 1C 2D)	- Delete from sites. This sub-species is probably not present in the region (in EU occurs only in Finland and Sweden; Art. 17 report)	- CD
4026	Rhysodes sulcatus	GE	ALP	IN MIN	Abkhazia	0		No change. Conclusion remains: IN MIN Abkhazia.	IN MIN?
4038	Lycaena helle	GE	ALP	IN MIN		0		No change. [Caucasian butterflies] suggest 1 site in Abkhazia.	IN MIN?
4039	Nymphalis vaualbum	AM	ALP	SR	Distribution	0		Is the Scientific Reserve resolved?	?
4039	Nymphalis vaualbum	AZ	ALP	SR	Distribution	0		Is the Scientific Reserve resolved?	?
4039	Nymphalis vaualbum	GE	ALP	IN MIN	Abkhazia, Borjomi	0		No change. Conclusion remains: IN MIN: Abkhazia, Borjomi.	IN MIN?
4043	Pseudophilotes bavius	AM	ALP	-		1	(1A)	Not in the ALP part of the site.	-
4043	Pseudophilotes bavius	AM	ANA	IN MIN	1 site - Gnishik	1	(1A)	Added to Gnishik site.	SUF?
4043	Pseudophilotes bavius	AZ	ALP	IN MAJOR/IN MIN		0		No change. [Caucasus butterflies] suggest location in SE tip of the Great Caucasus range.	IN MAJOR/IN MIN?
4045	Coenagrion ornatum	AM	ALP	IN MIN		0		No change.	IN MIN?
4045	Coenagrion ornatum	AM	ANA	IN MIN		0		No change.	IN MIN?
4045	Coenagrion ornatum	AZ	ALP	IN MIN	1 site	0		No change. Conclusion remains.	IN MIN?
4045	Coenagrion ornatum	GE	ALP	SR	Distribution	0		Is the Scientific Reserve resolved?	?
4045	Coenagrion ornatum	GE	BLS	SR	Distribution	0		Is the Scientific Reserve resolved?	?

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4045	Coenagrion ornatum	GE	STE	SR REF LIST		0		Is the Scientific Reserve resolved?	?
4056	Anisus vorticulus	GE	BLS	EXCL REF LIST/CD		1	(1D)	- IUCN and [Caucasian Snails]: not present in Caucasus. Please delete from the site.	- CD