



Detailed final conclusions on the representation of animal species from Res. No. 6 (1998) of the Bern Convention in proposed Emerald Network sites in Belarus, the Republic of Moldova and Ukraine (Alpine, Boreal, Continental, Pannonian and Steppic)

Remarks:

- If the conclusion is 'EXCL REF', countries must check if the feature is deleted from all sites which are entirely within a particular bio-geographical region.
- If the conclusion includes 'CD' (correction of data), countries need to systematically check population assessments for species and relative surface assessments for habitats. A special attention should be paid to check if 'D' category (insignificant) is appropriately used for species. Guidance on this is available in the guidelines for filling the SDF:
<https://rm.coe.int/guidelines-for-filling-the-standard-data-form/16808d2a6b>
- If the conclusion contains 'CD' and the species has also double codes and scientific names in use (i.e. old and new names), countries need to systematically ensure that only one code and name (the newest) is used.

Code	Species Name	iso	biogeo	Final Concl.	Final Conclusion Comments
Mammals					
1303	Rhinolophus hipposideros	MD	CON	SUF	
1303	Rhinolophus hipposideros	MD	STE	IN MOD	one site
1303	Rhinolophus hipposideros	UA	ALP-Car	IN MIN/CD	CD population assessment
1303	Rhinolophus hipposideros	UA	CON	IN MOD	caves in Vinnytsa, Termopil, Khmelnycka oblast
1303	Rhinolophus hipposideros	UA	PAN	IN MOD	
1303	Rhinolophus hipposideros	UA	STE	IN MIN/CD	Delete sites in Kerch region
1304	Rhinolophus ferrumequinum	MD	CON	SR	
1304	Rhinolophus ferrumequinum	MD	STE	IN MAJ	
1304	Rhinolophus ferrumequinum	UA	ALP-Car	IN MOD/IN MIN	
1304	Rhinolophus ferrumequinum	UA	PAN	IN MOD	
1304	Rhinolophus ferrumequinum	UA	STE	IN MIN	southern part of Crimea
1307	Myotis blythii	MD	CON	SUF	
1307	Myotis blythii	MD	STE	IN MIN	3 sites
1307	Myotis blythii	UA	ALP-Car	IN MOD/IN MIN	
1307	Myotis blythii	UA	CON	SR	
1307	Myotis blythii	UA	PAN	IN MOD/IN MIN	
1307	Myotis blythii	UA	STE	IN MIN	Crimea south
1308	Barbastella barbastellus	BY	BOR	SUF	

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1308	Barbastella barbastellus	BY	CON	IN MIN	
1308	Barbastella barbastellus	MD	CON	SUF	
1308	Barbastella barbastellus	MD	STE	EXCL REF	
1308	Barbastella barbastellus	UA	ALP-Car	IN MIN	
1308	Barbastella barbastellus	UA	CON	IN MOD	Zhytomierska and Rivne oblast
1308	Barbastella barbastellus	UA	PAN	IN MIN	sites in border with Slovakia
1308	Barbastella barbastellus	UA	STE	IN MIN	south of Crimea
1310	Miniopterus schreibersi	UA	ALP-Car	EXCL REF/CD	CD delete sites
1310	Miniopterus schreibersi	UA	PAN	EXCL REF/CD	CD delete sites
1318	Myotis dasycneme	BY	BOR	SUF	
1318	Myotis dasycneme	BY	CON	SUF	
1318	Myotis dasycneme	MD	CON	SUF	
1318	Myotis dasycneme	MD	STE	IN MIN	3 sites
1318	Myotis dasycneme	UA	ALP-Car	IN MOD	
1318	Myotis dasycneme	UA	CON	IN MOD/IN MIN	IN MIN center and north
1318	Myotis dasycneme	UA	PAN	SR	
1318	Myotis dasycneme	UA	STE	IN MOD/IN MIN	Mikolajiv region
1321	Myotis emarginatus	MD	STE	EXCL REF	
1321	Myotis emarginatus	UA	ALP-Car	SR	
1321	Myotis emarginatus	UA	CON	SR/CD	delete sites from 3 regions
1321	Myotis emarginatus	UA	PAN	SR	
1321	Myotis emarginatus	UA	STE	IN MIN	add some territories in southern Crimea
1323	Myotis bechsteini	MD	CON	SUF	
1323	Myotis bechsteini	MD	STE	IN MIN	one site in Trebuze
1323	Myotis bechsteini	UA	ALP-Car	IN MIN	
1323	Myotis bechsteini	UA	CON	IN MOD	
1323	Myotis bechsteini	UA	PAN	IN MOD/IN MIN	IN MOD Tisza, IN MIN elsewhere
1323	Myotis bechsteini	UA	STE	EXCL REF/CD	
1324	Myotis myotis	MD	CON	IN MIN	2 sites
1324	Myotis myotis	MD	STE	IN MIN	1 site
1324	Myotis myotis	UA	ALP-Car	IN MIN	
1324	Myotis myotis	UA	CON	IN MOD	Khmelnitsky region

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1324	Myotis myotis	UA	PAN	IN MOD	
1335	Spermophilus citellus	MD	CON	IN MOD/IN MIN	6 sites
1335	Spermophilus citellus	UA	ALP-Car	EXCL REF	
1335	Spermophilus citellus	UA	CON	IN MOD	Chernitsi region
1337	Castor fiber	BY	BOR	SUF	
1337	Castor fiber	BY	CON	SUF	
1337	Castor fiber	UA	ALP-Car	SUF	
1337	Castor fiber	UA	CON	SUF	
1337	Castor fiber	UA	PAN	IN MIN	
1337	Castor fiber	UA	STE	SUF	
1349	Tursiops truncatus	UA	STE	IN MOD	
1351	Phocoena phocoena	UA	STE	IN MOD	
1352	Canis lupus	BY	BOR	SUF	
1352	Canis lupus	BY	CON	SUF	
1352	Canis lupus	MD	CON	IN MIN	2 sites center
1352	Canis lupus	MD	STE	IN MOD/IN MIN	2 sites
1352	Canis lupus	UA	ALP-Car	SUF	
1352	Canis lupus	UA	CON	SUF	
1352	Canis lupus	UA	PAN	EXCL REF	
1352	Canis lupus	UA	STE	SUF	
1354	Ursus arctos	BY	BOR	IN MOD	Surazhsky reserve
1354	Ursus arctos	BY	CON	IN MIN	one site north-east, BY0000062 Nalibokskaya Puscha
1354	Ursus arctos	UA	ALP-Car	SUF/CD	population assessment
1354	Ursus arctos	UA	CON	SUF	
1354	Ursus arctos	UA	PAN	EXCL REF	
1354	Ursus arctos	UA	STE	EXCL REF/CD	
1355	Lutra lutra	BY	BOR	SUF	
1355	Lutra lutra	BY	CON	IN MIN	western part, BY0000142 Neman River Valley
1355	Lutra lutra	MD	CON	IN MIN	5 sites center
1355	Lutra lutra	MD	STE	IN MIN	3 sites
1355	Lutra lutra	UA	ALP-Car	SUF	
1355	Lutra lutra	UA	CON	SUF	

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1355	Lutra lutra	UA	PAN	IN MIN	Tisza basin
1355	Lutra lutra	UA	STE	SUF/CD	
1356	Mustela lutreola	BY	BOR	SR	
1356	Mustela lutreola	MD	CON	SUF/CD	population assessment
1356	Mustela lutreola	MD	STE	SUF	
1356	Mustela lutreola	UA	ALP-Car	SR	
1356	Mustela lutreola	UA	CON	SR	
1356	Mustela lutreola	UA	PAN	EXCL REF	
1356	Mustela lutreola	UA	STE	SR	
1361	Lynx lynx	BY	BOR	SUF	
1361	Lynx lynx	BY	CON	IN MIN	2 sites central south
1361	Lynx lynx	UA	ALP-Car	SUF/CD	
1361	Lynx lynx	UA	CON	IN MIN/CD	Kiiev and Zhytomir
1361	Lynx lynx	UA	PAN	EXCL REF	
1361	Lynx lynx	UA	STE	EXCL REF	
1366	Monachus monachus	UA	STE	EXCL REF/CD	
1373	Ovis gmelini musimon	UA	STE	EXCL REF/CD	not natural population
1910	Pteromys volans	BY	BOR	IN MOD/CD	Surazhsky reserve (Gorodok-Sura)/population assessment
2021	Sicista subtilis	MD	STE	SR	
2021	Sicista subtilis	UA	CON	IN MOD/IN MIN	
2021	Sicista subtilis	UA	STE	IN MOD/IN MIN	Herson, Odessa, Kirovograd, Zaporozie
2604	Desmana moschata	UA	CON	IN MOD/CD	population assessment
2608	Spermophilus suslicus	BY	CON	IN MOD	2-4 new sites central region (Yushkevichi, Zaturye, Krasnogorki, Rimshi)
2608	Spermophilus suslicus	MD	CON	IN MOD/IN MIN	7 sites
2608	Spermophilus suslicus	MD	STE	IN MOD/IN MIN	5 sites
2608	Spermophilus suslicus	UA	CON	IN MOD/SR/CD	western and central part
2608	Spermophilus suslicus	UA	STE	IN MOD/SR	
2612	Microtus tatricus	UA	ALP-Car	SUF	
2612	Microtus tatricus	UA	PAN	EXCL REF	
2613	Spalax graecus	UA	ALP-Car	IN MOD/CD	1 site Zavoloka/population assessment
2613	Spalax graecus	UA	CON	IN MOD/CD	population assessment

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2633	Mustela eversmannii	MD	CON	IN MOD/IN MIN	additional 2 sites/check the deletions
2633	Mustela eversmannii	MD	STE	IN MOD/IN MIN	3 sites
2633	Mustela eversmannii	UA	CON	IN MOD	Kyrovograd, Odessa and Mikolajiv region
2633	Mustela eversmannii	UA	STE	IN MIN/CD	population assessment
2635	Vormela peregusna	UA	STE	IN MOD/IN MIN	Luhanks, Doneck, Kcharkivsk region
2647	Bison bonasus	BY	BOR	SUF	
2647	Bison bonasus	BY	CON	SUF	
2647	Bison bonasus	UA	ALP-Car	SUF/CD	
2647	Bison bonasus	UA	CON	IN MOD	

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Reptiles					
1220	<i>Emys orbicularis</i>	BY	BOR	SUF	
1220	<i>Emys orbicularis</i>	BY	CON	SUF	
1220	<i>Emys orbicularis</i>	MD	CON	IN MIN	In north and south
1220	<i>Emys orbicularis</i>	MD	STE	SUF	
1220	<i>Emys orbicularis</i>	UA	ALP-Car	EXCL REF	delete from all sites which are fully in ALP region
1220	<i>Emys orbicularis</i>	UA	CON	IN MIN	
1220	<i>Emys orbicularis</i>	UA	PAN	IN MOD	Tisza basin
1220	<i>Emys orbicularis</i>	UA	STE	IN MOD	Steppe Crimea and another steppe territory
1279	<i>Elaphe quatuorlineata</i>	MD	CON	SUF	
1279	<i>Elaphe quatuorlineata</i>	MD	STE	IN MOD	
1279	<i>Elaphe quatuorlineata</i>	UA	STE	IN MIN	5 sites
1293	<i>Elaphe situla</i>	UA	STE	IN MIN	central Crimea
1298	<i>Vipera ursinii</i>	MD	CON	EXCL REF/CD	Delete from sites
1298	<i>Vipera ursinii</i>	MD	STE	SR	
1298	<i>Vipera ursinii</i>	UA	CON	SUF/CD	Delete from 2 north-west sites
1298	<i>Vipera ursinii</i>	UA	STE	IN MOD	Mikolaiv region

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Amphibians					
1166	<i>Triturus cristatus</i>	BY	BOR	SUF/CD	population assessment
1166	<i>Triturus cristatus</i>	BY	CON	SUF/CD	population assessment
1166	<i>Triturus cristatus</i>	MD	CON	IN MOD/IN MIN	
1166	<i>Triturus cristatus</i>	MD	STE	IN MOD	
1166	<i>Triturus cristatus</i>	UA	ALP-Car	SUF	
1166	<i>Triturus cristatus</i>	UA	CON	IN MOD	Central part
1166	<i>Triturus cristatus</i>	UA	PAN	IN MOD	Tisza basin
1166	<i>Triturus cristatus</i>	UA	STE	SUF	
1171	<i>Triturus karelinii</i>	UA	STE	IN MIN	southern of Crimea
1188	<i>Bombina bombina</i>	BY	BOR	SUF	
1188	<i>Bombina bombina</i>	BY	CON	SUF/CD	
1188	<i>Bombina bombina</i>	MD	CON	SUF	
1188	<i>Bombina bombina</i>	MD	STE	SUF	
1188	<i>Bombina bombina</i>	UA	ALP-Car	SUF	
1188	<i>Bombina bombina</i>	UA	CON	IN MIN	Desna basin
1188	<i>Bombina bombina</i>	UA	PAN	IN MOD	Tisza basin
1188	<i>Bombina bombina</i>	UA	STE	SUF	
1193	<i>Bombina variegata</i>	MD	CON	SUF	
1193	<i>Bombina variegata</i>	UA	ALP-Car	IN MIN	Central part
1193	<i>Bombina variegata</i>	UA	CON	IN MOD	IN MOD south-eastern part
1193	<i>Bombina variegata</i>	UA	PAN	IN MOD	Tisza basin
1193	<i>Bombina variegata</i>	UA	STE	EXCL REF/CD	
1993	<i>Triturus dobrogicus</i>	MD	STE	EXCL REF	
1993	<i>Triturus dobrogicus</i>	UA	PAN	IN MIN	Tisza basin
1993	<i>Triturus dobrogicus</i>	UA	STE	SR	hybridization
2001	<i>Triturus montandoni</i>	UA	ALP-Car	IN MIN	large site in the centre
2001	<i>Triturus montandoni</i>	UA	CON	SUF	
2001	<i>Triturus montandoni</i>	UA	PAN	IN MOD	Tisza basin
5357	<i>Bombina pachypus</i>	BY	CON	EXCL REF/CD	

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Fish					
1096	Lampetra planeri	BY	BOR	IN MOD/IN MIN	center
1096	Lampetra planeri	BY	CON	SUF	
1096	Lampetra planeri	UA	ALP-Car	SR	
1096	Lampetra planeri	UA	CON	SR	
1099	Lampetra fluviatilis	BY	BOR	SUF	
1105	Hucho hucho	MD	CON	SUF	
1105	Hucho hucho	UA	ALP-Car	IN MOD/IN MIN	western part
1105	Hucho hucho	UA	PAN	IN MOD	Tisza basin
1105	Hucho hucho	UA	STE	SUF	
1106	Salmo salar	BY	BOR	SUF	
1122	Gobio uranoscopus/ Romanogobio uranoscopus 6145	UA	ALP-Car	SUF/CD	
1122	Gobio uranoscopus/ Romanogobio uranoscopus 6145	UA	PAN	IN MOD	Tisza basin
1124	Gobio albipinnatus/ Romanogobio albipinnatus 6144	BY	CON	SUF	
1124	Gobio albipinnatus/ Romanogobio albipinnatus 6144	UA	ALP-Car	SUF/CD	
1124	Gobio albipinnatus/ Romanogobio albipinnatus 6144	UA	CON	SUF/CD	
1124	Gobio albipinnatus/ Romanogobio albipinnatus 6144	UA	PAN	IN MOD	Tisza basin
1124	Gobio albipinnatus/ Romanogobio albipinnatus 6144	UA	STE	SR	Kirovogradsky region and others
1130	Aspius aspius	BY	BOR	SUF	
1130	Aspius aspius	BY	CON	IN MIN	Neman river
1130	Aspius aspius	MD	CON	SUF	
1130	Aspius aspius	MD	STE	SUF	
1130	Aspius aspius	UA	ALP-Car	SUF	
1130	Aspius aspius	UA	CON	SUF	
1130	Aspius aspius	UA	PAN	SUF	

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1130	Aspius aspius	UA	STE	SUF	
1131	Leuciscus souffia/ Telestes souffia 6147	UA	ALP-Car	SUF/CD	
1131	Leuciscus souffia/ Telestes souffia 6147	UA	PAN	IN MOD/IN MIN/CD	Tisza basin
1134	Rhodeus sericeus amarus/ 5339 Rhodeus amarus	BY	BOR	SUF/CD	
1134	Rhodeus sericeus amarus/ 5339 Rhodeus amarus	BY	CON	SUF/CD	
1134	Rhodeus amarus/ 5339 Rhodeus amarus	MD	CON	IN MIN/CD	IN MIN center
1134	Rhodeus sericeus amarus/5339 Rhodeus amarus	MD	STE	SUF/CD	
1134	Rhodeus sericeus amarus/5339 Rhodeus amarus	UA	ALP-Car	SUF/CD	
1134	Rhodeus sericeus amarus/5339 Rhodeus amarus	UA	CON	SUF	
1134	Rhodeus sericeus amarus/5339 Rhodeus amarus	UA	PAN	IN MOD/CD	Tisza basin
1134	Rhodeus sericeus amarus/5339 Rhodeus amarus	UA	STE	SUF	
1138	Barbus meridionalis	MD	CON	SUF	
1138	Barbus meridionalis	MD	STE	SUF	
1138	Barbus meridionalis	UA	ALP-Car	SUF	
1138	Barbus meridionalis	UA	CON	SUF	
1138	Barbus meridionalis	UA	PAN	IN MOD/IN MIN	Tisza basin
1141	Chalcalburnus chalcoides	UA	STE	SUF	
1145	Misgurnus fossilis	BY	BOR	SUF	
1145	Misgurnus fossilis	BY	CON	SUF	
1145	Misgurnus fossilis	MD	CON	IN MIN	center
1145	Misgurnus fossilis	MD	STE	IN MOD	center
1145	Misgurnus fossilis	UA	ALP-Car	SUF	
1145	Misgurnus fossilis	UA	CON	SUF	
1145	Misgurnus fossilis	UA	PAN	SUF	
1145	Misgurnus fossilis	UA	STE	SUF	

Code	Species Name	iso	biogeo	Final Concl.	Final Conclusion Comments
1146	Sabanejewia aurata	BY	CON	IN MOD	e.g. Middle Dniepr valley, Dniepr valley Berezina-Kholmech, Sozh
1146	Sabanejewia aurata	MD	CON	IN MIN	center
1146	Sabanejewia aurata	MD	STE	IN MOD/IN MIN	center
1146	Sabanejewia aurata	UA	ALP-Car	SUF	
1146	Sabanejewia aurata	UA	CON	IN MIN	northern part, Kijevskij, Zhitomir region
1146	Sabanejewia aurata	UA	PAN	IN MOD/IN MIN	Latorica, Uzh
1146	Sabanejewia aurata	UA	STE	IN MIN	
1149	Cobitis taenia	BY	BOR	SUF	
1149	Cobitis taenia	BY	CON	IN MOD	center (Middle Dniepr valley, Dniepr valley Berezina-Kholmech, Sozh)
1149	Cobitis taenia	MD	CON	IN MOD	3 sites
1149	Cobitis taenia	MD	STE	IN MOD	3 sites
1149	Cobitis taenia	UA	ALP-Car	SUF	
1149	Cobitis taenia	UA	CON	SUF	
1149	Cobitis taenia	UA	PAN	IN MOD	Tisza basin
1149	Cobitis taenia	UA	STE	SUF	
1157	Gymnocephalus schraetzer	MD	CON	SUF/CD	change from C to A
1157	Gymnocephalus schraetzer	MD	STE	SUF	
1157	Gymnocephalus schraetzer	UA	ALP-Car	SUF	
1157	Gymnocephalus schraetzer	UA	PAN	IN MOD/IN MIN	Tisza basin
1157	Gymnocephalus schraetzer	UA	STE	SUF	
1158	Zingel asper	MD	CON	SR	check the record and evidence
1159	Zingel zingel	MD	CON	SUF	
1159	Zingel zingel	MD	STE	SUF	
1159	Zingel zingel	UA	ALP-Car	SUF	
1159	Zingel zingel	UA	CON	SUF	
1159	Zingel zingel	UA	PAN	SUF	
1159	Zingel zingel	UA	STE	SUF	
1160	Zingel streber	MD	CON	SUF/CD	population assessment
1160	Zingel streber	MD	STE	SUF	
1160	Zingel streber	UA	ALP-Car	SUF	
1160	Zingel streber	UA	CON	SUF	
1160	Zingel streber	UA	PAN	IN MOD	Tisza basin

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1160	Zingel streber	UA	STE	SUF	
1163	Cottus gobio	BY	BOR	IN MOD	Eastern part (Sozh river)
1163	Cottus gobio	BY	CON	IN MOD	North
1163	Cottus gobio	MD	CON	SUF	
1163	Cottus gobio	UA	ALP-Car	SUF	
1163	Cottus gobio	UA	CON	SUF	
1163	Cottus gobio	UA	PAN	SUF	
2011	Umbra krameri	MD	STE	IN MIN	Dnester and Danube
2011	Umbra krameri	UA	ALP-Car	SR	
2011	Umbra krameri	UA	PAN	SR	
2011	Umbra krameri	UA	STE	SUF	
2484	Eudontomyzon mariae	BY	BOR	IN MOD	One site south-east
2484	Eudontomyzon mariae	BY	CON	IN MOD/IN MIN	IN MIN Pripjat, IN MOD Dneper
2484	Eudontomyzon mariae	MD	CON	SUF	
2484	Eudontomyzon mariae	MD	STE	SR	
2484	Eudontomyzon mariae	UA	ALP-Car	SUF	
2484	Eudontomyzon mariae	UA	CON	SUF	
2484	Eudontomyzon mariae	UA	STE	IN MIN/CD	CD delete from 2 sites
2491	Alosa pontica	UA	STE	SUF	
2511	Gobio kessleri/Romanogobio kesslerii 6134	MD	CON	SUF/CD	
2511	Gobio kessleri/Romanogobio kesslerii 6134	MD	STE	IN MOD/CD	central part
2511	Gobio kessleri/Romanogobio kesslerii 6134	UA	ALP-Car	IN MOD/IN MIN	western part
2511	Gobio kessleri/Romanogobio kesslerii 6134	UA	CON	SUF/CD	
2511	Gobio kessleri/Romanogobio kesslerii 6134	UA	PAN	IN MOD	Tisza basin
2511	Gobio kessleri/Romanogobio kesslerii 6134	UA	STE	SUF/CD	
2522	Pelecus cultratus	BY	BOR	IN MOD	Dnepr
2522	Pelecus cultratus	BY	CON	IN MIN	Pripjat

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2522	<i>Pelecus cultratus</i>	MD	STE	SUF	
2522	<i>Pelecus cultratus</i>	UA	ALP-Car	SUF	
2522	<i>Pelecus cultratus</i>	UA	CON	SUF	
2522	<i>Pelecus cultratus</i>	UA	PAN	SUF	
2522	<i>Pelecus cultratus</i>	UA	STE	SUF	
2555	<i>Gymnocephalus baloni</i>	BY	CON	IN MIN	Pripjat
2555	<i>Gymnocephalus baloni</i>	MD	STE	SUF	
2555	<i>Gymnocephalus baloni</i>	UA	ALP-Car	SR	
2555	<i>Gymnocephalus baloni</i>	UA	ALP-Car	SR	Check references
2555	<i>Gymnocephalus baloni</i>	UA	CON	SUF/CD	
2555	<i>Gymnocephalus baloni</i>	UA	PAN	SR	
2555	<i>Gymnocephalus baloni</i>	UA	PAN	SR	Check references
2555	<i>Gymnocephalus baloni</i>	UA	STE	SUF	
4009	<i>Phoxinus phoxinus</i> / <i>Rhynchocypris phoxinus</i> 6236	BY	BOR	SR/CD	Consider: lake Borowucha, Reservoir Rudeia and West Biarezina river - Poloczany
4009	<i>Phoxinus phoxinus</i> / <i>Rhynchocypris phoxinus</i> 6236	BY	CON	SR/CD	update distribution
4009	<i>Phoxinus phoxinus</i> / <i>Rhynchocypris phoxinus</i> 6236	UA	CON	IN MIN/SR/CD	IN MIN Sumy region
4009	<i>Phoxinus phoxinus</i> / <i>Rhynchocypris phoxinus</i> 6236	UA	STE	SR/CD	SR distribution
4123	<i>Eudontomyzon danfordi</i>	UA	ALP-Car	SUF	
4123	<i>Eudontomyzon danfordi</i>	UA	PAN	IN MOD/IN MIN	IN MOD Tisza basin
4125	<i>Alosa immaculata</i>	MD	STE	SUF	
4125	<i>Alosa immaculata</i>	UA	STE	IN MIN	
4126	<i>Alosa maeotica</i>	MD	STE	IN MIN	2 sites
4126	<i>Alosa maeotica</i>	UA	STE	IN MOD	2 sites
4127	<i>Alosa tanaica</i>	MD	STE	IN MIN	Prut, Manta, Belev
4127	<i>Alosa tanaica</i>	UA	STE	IN MOD	2 sites
5312	<i>Cobitis arachthosensis</i>	BY	BOR	EXCL REF	
6314	<i>Rhodeus amarus meridionalis</i>	BY	BOR	EXCL REF/CD	

Code	Species Name	iso	bioge	Final Concl.	Final Conclusion Comments
6314	Rhodeus amarus meridionalis	BY	CON	EXCL REF/CD	

Code	Species Name	iso	biogeo	Final Concl.	Final Conclusion Comments
Invertebrates					
1013	<i>Vertigo geyeri</i>	BY	BOR	IN MOD/IN MIN	IN MOD (Chistec fen), IN MIN (BY0000097, BY0000001)
1013	<i>Vertigo geyeri</i>	BY	CON	IN MIN	one site (Lotvichi)
1013	<i>Vertigo geyeri</i>	UA	CON	IN MAJ	
1014	<i>Vertigo angustior</i>	BY	BOR	SUF	
1014	<i>Vertigo angustior</i>	BY	CON	SR	
1014	<i>Vertigo angustior</i>	MD	CON	SR	
1014	<i>Vertigo angustior</i>	UA	ALP-Car	IN MAJ	
1014	<i>Vertigo angustior</i>	UA	CON	IN MOD	
1014	<i>Vertigo angustior</i>	UA	STE	IN MOD	
1015	<i>Vertigo genesii</i>	BY	BOR	SR REF	
1016	<i>Vertigo moulinsiana</i>	BY	BOR	SUF	
1016	<i>Vertigo moulinsiana</i>	BY	CON	IN MOD	One site
1016	<i>Vertigo moulinsiana</i>	MD	CON	SR	
1016	<i>Vertigo moulinsiana</i>	UA	CON	IN MOD/CD	
1016	<i>Vertigo moulinsiana</i>	UA	STE	EXCL REF/CD	
1032	<i>Unio crassus</i>	BY	BOR	SUF	
1032	<i>Unio crassus</i>	BY	CON	IN MIN	Prypjat, Dneper
1032	<i>Unio crassus</i>	MD	CON	IN MOD/IN MIN	
1032	<i>Unio crassus</i>	MD	STE	SUF	
1032	<i>Unio crassus</i>	UA	ALP-Car	IN MIN	
1032	<i>Unio crassus</i>	UA	CON	IN MIN	
1032	<i>Unio crassus</i>	UA	PAN	IN MAJ	
1032	<i>Unio crassus</i>	UA	STE	SR	Check distribution
1037	<i>Ophiogomphus cecilia</i>	BY	BOR	IN MOD	
1037	<i>Ophiogomphus cecilia</i>	BY	CON	IN MIN	
1037	<i>Ophiogomphus cecilia</i>	MD	STE	SUF	
1037	<i>Ophiogomphus cecilia</i>	UA	ALP-Car	SUF	
1037	<i>Ophiogomphus cecilia</i>	UA	CON	SUF	
1037	<i>Ophiogomphus cecilia</i>	UA	PAN	SUF	
1037	<i>Ophiogomphus cecilia</i>	UA	STE	EXCL REF/CD	
1042	<i>Leucorhinia pectoralis</i>	BY	BOR	SUF	
1042	<i>Leucorhinia pectoralis</i>	BY	CON	SUF/CD	

Code	Species Name	iso	biogeo	Final Concl.	Final Conclusion Comments
1042	Leucorrhinia pectoralis	MD	STE	SUF	
1042	Leucorrhinia pectoralis	UA	ALP-Car	SUF	
1042	Leucorrhinia pectoralis	UA	CON	SUF	
1042	Leucorrhinia pectoralis	UA	STE	SUF	
1044	Coenagrion mercuriale	MD	CON	SR REF	
1044	Coenagrion mercuriale	MD	STE	SUF/CD	
1052	Hypodryas maturna/ Euphydryas maturna 6169	BY	BOR	SUF/CD	
1052	Hypodryas maturna/ Euphydryas maturna 6169	BY	CON	SUF/CD	
1052	Hypodryas maturna/ Euphydryas maturna 6169	MD	CON	SUF/CD	
1052	Hypodryas maturna/ Euphydryas maturna 6169	MD	STE	SUF/CD	
1052	Hypodryas maturna/ Euphydryas maturna 6169	UA	ALP-Car	SUF	
1052	Hypodryas maturna/ Euphydryas maturna 6169	UA	CON	SUF	
1052	Hypodryas maturna/ Euphydryas maturna 6169	UA	PAN	SR/CD	SR distribution
1052	Hypodryas maturna/ Euphydryas maturna 6169	UA	STE	SUF	
1059	Maculinea teleius/ Phenagris teleius 6177	BY	CON	SUF/CD	
1059	Maculinea teleius/ Phenagris teleius 6177	MD	CON	SR REF/CD	
1059	Maculinea teleius/ Phenagris teleius 6177	UA	ALP-Car	IN MIN/CD	many sites
1059	Maculinea teleius/ Phenagris teleius 6177	UA	CON	IN MIN/CD	many sites
1059	Maculinea teleius/ Phenagris teleius 6177	UA	PAN	SUF/CD	
1059	Maculinea teleius/ Phenagris teleius 6177	UA	STE	SR/CD	
1060	Lycaena dispar	BY	BOR	SUF/CD	
1060	Lycaena dispar	BY	CON	SUF/CD	
1060	Lycaena dispar	MD	CON	IN MIN	
1060	Lycaena dispar	MD	STE	IN MIN	
1060	Lycaena dispar	UA	ALP-Car	SUF	
1060	Lycaena dispar	UA	CON	SUF/CD	

Code	Species Name	iso	biogeo	Final Concl.	Final Conclusion Comments
1060	Lycaena dispar	UA	PAN	SUF	
1060	Lycaena dispar	UA	STE	SUF/CD	
1061	Maculinea nausithous/6179 Phenagris nausithous	BY	CON	SUF/CD	
1061	Maculinea nausithous/6179 Phenagris nausithous	UA	ALP- Car	IN MOD/CD	
1061	Maculinea nausithous/6179 Phenagris nausithous	UA	CON	IN MOD/IN MIN/CD	
1061	Maculinea nausithous/6179 Phenagris nausithous	UA	PAN	IN MAJ	
1061	Maculinea nausithous/6179 Phenagris nausithous	UA	STE	EXCL REF/CD	
1065	Euphydryas aurinia	BY	BOR	SUF	
1065	Euphydryas aurinia	BY	CON	IN MIN	
1065	Euphydryas aurinia	UA	ALP- Car	SR	
1065	Euphydryas aurinia	UA	CON	IN MOD/CD	
1065	Euphydryas aurinia	UA	STE	SUF/CD	
1071	Coenonympha oedippus	BY	BOR	SR REF	
1071	Coenonympha oedippus	BY	CON	SUF/CD	
1071	Coenonympha oedippus	UA	CON	SUF/CD	
1074	Eriogaster catax	UA	ALP- Car	SUF/CD	
1074	Eriogaster catax	UA	CON	IN MOD	
1078	Callimorpha quadripunctaria/ 6199 Eupalagia quadripunctaria	MD	CON	IN MIN/CD	Center
1078	Callimorpha quadripunctaria/ 6199 Eupalagia quadripunctaria	MD	STE	IN MIN/CD	
1078	Callimorpha quadripunctaria/ 6199 Eupalagia quadripunctaria	UA	ALP- Car	IN MIN/CD	
1078	Callimorpha quadripunctaria/ 6199 Eupalagia quadripunctaria	UA	CON	SUF/CD	
1078	Callimorpha quadripunctaria/ 6199 Eupalagia quadripunctaria	UA	PAN	SUF	
1078	Callimorpha quadripunctaria/ 6199 Eupalagia quadripunctaria	UA	STE	SUF/CD	
1079	Limoniscus violaceus	UA	ALP- Car	IN MAJ	

Code	Species Name	iso	biogeo	Final Concl.	Final Conclusion Comments
1079	Limoniscus violaceus	UA	PAN	IN MAJ	
1081	Dytiscus latissimus	BY	BOR	IN MIN	
1081	Dytiscus latissimus	BY	CON	SUF/CD	
1081	Dytiscus latissimus	UA	CON	IN MOD/CD	
1081	Dytiscus latissimus	UA	STE	EXCL REF/CD	
1082	Graphoderus bilineatus	BY	BOR	IN MIN/CD	
1082	Graphoderus bilineatus	BY	CON	SUF	
1082	Graphoderus bilineatus	UA	CON	IN MIN/CD	
1082	Graphoderus bilineatus	UA	PAN	IN MAJ	
1082	Graphoderus bilineatus	UA	STE	SR/CD	
1083	Lucanus cervus	BY	BOR	EXCL REF/CD	
1083	Lucanus cervus	BY	CON	SUF	
1083	Lucanus cervus	MD	CON	SUF	
1083	Lucanus cervus	MD	STE	SUF	
1083	Lucanus cervus	UA	ALP-Car	SUF/CD	
1083	Lucanus cervus	UA	CON	SUF/CD	
1083	Lucanus cervus	UA	PAN	SUF/CD	
1083	Lucanus cervus	UA	STE	SUF/CD	
1084	Osmoderma eremita / Osmoderma barnabita 5378	BY	BOR	SR/CD	
1084	Osmoderma eremita / Osmoderma barnabita 5378	BY	CON	IN MIN/CD	2 sites
1084	Osmoderma eremita	MD	CON	SR REF	
1084	Osmoderma eremita / Osmoderma barnabita 5378	MD	STE	IN MOD/CD	
1084	Osmoderma eremita / Osmoderma barnabita 5378	UA	ALP-Car	EXCL REF/CD	
1084	Osmoderma eremita / Osmoderma barnabita 5378	UA	CON	IN MOD/CD	
1084	Osmoderma eremita / Osmoderma barnabita 5378	UA	PAN	EXCL REF/CD	
1084	Osmoderma eremita / Osmoderma barnabita 5378	UA	STE	IN MIN/CD	
1085	Buprestis splendens	BY	CON	EXCL REF	
1086	Cucujus cinnaberinus	BY	BOR	SR	
1086	Cucujus cinnaberinus	BY	CON	IN MOD/CD	
1086	Cucujus cinnaberinus	MD	CON	IN MIN/CD	

Code	Species Name	iso	biogeo	Final Concl.	Final Conclusion Comments
1086	Cucujus cinnaberinus	UA	ALP-Car	IN MOD/CD	
1086	Cucujus cinnaberinus	UA	CON	IN MIN/CD	
1086	Cucujus cinnaberinus	UA	PAN	SR REF	
1086	Cucujus cinnaberinus	UA	STE	SR/CD	
1087	Rosalia alpina	MD	CON	SUF	
1087	Rosalia alpina	UA	ALP-Car	SUF/CD	
1087	Rosalia alpina	UA	CON	SR	
1087	Rosalia alpina	UA	PAN	SR	
1087	Rosalia alpina	UA	STE	SUF/CD	
1088	Cerambyx cerdo	BY	CON	SUF	
1088	Cerambyx cerdo	MD	CON	SUF	
1088	Cerambyx cerdo	MD	STE	SR REF	
1088	Cerambyx cerdo	UA	ALP-Car	SUF/CD	
1088	Cerambyx cerdo	UA	CON	SUF/CD	population assessment
1088	Cerambyx cerdo	UA	PAN	SUF/CD	population assessment
1088	Cerambyx cerdo	UA	STE	SUF/CD	population assessment
1089	Morimus funereus	MD	CON	IN MOD	3 sites
1089	Morimus funereus	MD	STE	IN MOD	2 sites
1089	Morimus funereus	UA	CON	SUF/CD	
1089	Morimus funereus	UA	STE	EXCL REF/CD	
1920	Boros schneideri	BY	BOR	IN MOD/IN MIN	IN MOD north-east part/ IN MIN central
1920	Boros schneideri	BY	CON	SUF	
1920	Boros schneideri	UA	ALP-Car	SUF/CD	
1920	Boros schneideri	UA	CON	SR	
1920	Boros schneideri	UA	PAN	EXCL REF/CD	
1920	Boros schneideri	UA	STE	SR REF	
1923	Mesosa myops	BY	BOR	EXCL REF	
1923	Mesosa myops	BY	CON	SR	
1923	Mesosa myops	UA	STE	SUF/CD	
1924	Oxyporus mannerheimii	BY	BOR	SR	
1924	Oxyporus mannerheimii	BY	CON	SR	
1926	Stephanopachys linearis	BY	BOR	SR	
1926	Stephanopachys linearis	BY	CON	SR	

Code	Species Name	iso	biogeo	Final Concl.	Final Conclusion Comments
1926	<i>Stephanopachys linearis</i>	UA	ALP-Car	EXCL REF/CD	
1926	<i>Stephanopachys linearis</i>	UA	CON	EXCL REF/CD	
1926	<i>Stephanopachys linearis</i>	UA	STE	EXCL REF	
1927	<i>Stephanopachys substriatus</i>	BY	BOR	SR	
1927	<i>Stephanopachys substriatus</i>	BY	CON	SR	
1927	<i>Stephanopachys substriatus</i>	UA	ALP-Car	EXCL REF/CD	
1927	<i>Stephanopachys substriatus</i>	UA	CON	EXCL REF/CD	
1927	<i>Stephanopachys substriatus</i>	UA	STE	EXCL REF	
4011	<i>Bolbelasmus unicornis</i>	MD	CON	SUF/CD	
4011	<i>Bolbelasmus unicornis</i>	MD	STE	SUF/CD	
4011	<i>Bolbelasmus unicornis</i>	UA	CON	SUF/CD	
4011	<i>Bolbelasmus unicornis</i>	UA	STE	IN MOD/IN MIN/SR	
4012	<i>Carabus hampei</i>	UA	ALP-Car	SUF	
4012	<i>Carabus hampei</i>	UA	PAN	SUF	
4013	<i>Carabus hungaricus</i>	MD	CON	SUF/CD	
4013	<i>Carabus hungaricus</i>	MD	STE	SUF/CD	
4013	<i>Carabus hungaricus</i>	UA	CON	SR	
4013	<i>Carabus hungaricus</i>	UA	STE	SUF	
4014	<i>Carabus variolosus</i>	MD	CON	SUF	
4014	<i>Carabus variolosus</i>	UA	ALP-Car	SUF/CD	
4014	<i>Carabus variolosus</i>	UA	CON	SUF/CD	
4014	<i>Carabus variolosus</i>	UA	PAN	SUF/CD	
4015	<i>Carabus zawadzskii</i>	UA	ALP-Car	SUF/CD	
4015	<i>Carabus zawadzskii</i>	UA	CON	SUF/CD	
4015	<i>Carabus zawadzskii</i>	UA	PAN	EXCL REF/CD	
4020	<i>Pilemia tigrina</i>	MD	CON	SUF/CD	
4020	<i>Pilemia tigrina</i>	MD	STE	EXCL REF	
4020	<i>Pilemia tigrina</i>	UA	ALP-Car	EXCL REF/CD	
4020	<i>Pilemia tigrina</i>	UA	CON	SR REF	
4020	<i>Pilemia tigrina</i>	UA	PAN	SR REF	
4021	<i>Phryganophilus ruficollis</i>	BY	BOR	SR	

Code	Species Name	iso	biogeo	Final Concl.	Final Conclusion Comments
4021	<i>Phryganophilus ruficollis</i>	BY	CON	SR REF	
4021	<i>Phryganophilus ruficollis</i>	UA	ALP-Car	SUF/CD	
4021	<i>Phryganophilus ruficollis</i>	UA	CON	SUF/CD	
4021	<i>Phryganophilus ruficollis</i>	UA	PAN	SUF/CD	
4021	<i>Phryganophilus ruficollis</i>	UA	STE	EXCL REF/CD	
4022	<i>Probatiscus subrugosus</i>	UA	STE	IN MIN	Kersona region, Mikolajiv region
4024	<i>Pseudogaurotina excellens</i>	UA	ALP-Car	SUF/CD	
4024	<i>Pseudogaurotina excellens</i>	UA	CON	EXCL REF/CD	
4024	<i>Pseudogaurotina excellens</i>	UA	PAN	EXCL REF/CD	
4026	<i>Rhysodes sulcatus</i>	BY	CON	SR	south of continental Belarus
4026	<i>Rhysodes sulcatus</i>	MD	CON	SUF/CD	
4026	<i>Rhysodes sulcatus</i>	UA	ALP-Car	IN MIN	
4026	<i>Rhysodes sulcatus</i>	UA	CON	IN MOD	
4026	<i>Rhysodes sulcatus</i>	UA	STE	SUF/CD	
4027	<i>Arytrura musculus</i>	BY	CON	IN MIN	2 sites
4027	<i>Arytrura musculus</i>	UA	CON	IN MAJ	
4027	<i>Arytrura musculus</i>	UA	STE	IN MAJ	Harkov region 1 site
4028	<i>Catopta thrips</i>	MD	STE	EXCL REF	
4028	<i>Catopta thrips</i>	UA	ALP-Car	SUF/CD	
4028	<i>Catopta thrips</i>	UA	CON	SUF/CD	
4028	<i>Catopta thrips</i>	UA	STE	SUF/CD	
4030	<i>Colias myrmidone</i>	BY	CON	IN MOD/IN MIN	IN MOD (Middle Dniepr valley, Dniepr valley Berezina-Kholmech)
4030	<i>Colias myrmidone</i>	MD	CON	SR	
4030	<i>Colias myrmidone</i>	MD	STE	EXCL REF	
4030	<i>Colias myrmidone</i>	UA	ALP-Car	IN MIN	2 sites
4030	<i>Colias myrmidone</i>	UA	CON	SUF/CD	
4030	<i>Colias myrmidone</i>	UA	STE	IN MOD	Zaporoznij and Doneck region
4032	<i>Dioszeghyana schmidtii</i>	UA	PAN	SR REF	
4035	<i>Gortyna borelii lunata</i>	UA	PAN	SR REF	
4035	<i>Gortyna borelii lunata</i>	UA	STE	SUF/CD	
4036	<i>Leptidea morsei</i>	MD	CON	SUF	
4036	<i>Leptidea morsei</i>	MD	STE	SUF	

Code	Species Name	iso	biogeo	Final Concl.	Final Conclusion Comments
4036	Leptidea morsei	UA	ALP-Car	IN MIN	South part
4036	Leptidea morsei	UA	CON	IN MOD/CD	
4036	Leptidea morsei	UA	PAN	IN MAJ	
4036	Leptidea morsei	UA	STE	SR/CD	
4038	Lycaena helle	BY	BOR	SR	
4038	Lycaena helle	BY	CON	SUF	
4038	Lycaena helle	UA	CON	IN MOD/CD	
4039	Nymphalis vaualbum	BY	BOR	EXCL REF	
4042	Polyommatus eroides	BY	CON	EXCL REF	
4042	Polyommatus eroides	UA	CON	EXCL REF/CD	
4042	Polyommatus eroides	UA	STE	EXCL REF/CD	
4043	Pseudophilotes bavius	UA	CON	SR REF	
4043	Pseudophilotes bavius	UA	STE	SUF/CD	
4044	Xylomoia strix	UA	CON	SUF/CD	
4045	Coenagrion ornatum	BY	CON	SR	
4045	Coenagrion ornatum	MD	CON	IN MIN	One site
4045	Coenagrion ornatum	MD	STE	SR	
4045	Coenagrion ornatum	UA	ALP-Car	SUF	
4045	Coenagrion ornatum	UA	CON	SUF	
4045	Coenagrion ornatum	UA	PAN	EXCL REF	
4045	Coenagrion ornatum	UA	STE	IN MOD/IN MIN	Luhansky, Donecky, Mikolajevsky, Odesky region
4050	Isophya stysi	UA	ALP-Car	IN MAJ	
4050	Isophya stysi	UA	PAN	IN MAJ	
4052	Odontopodisma rubripes	UA	ALP-Car	IN MAJ	
4052	Odontopodisma rubripes	UA	PAN	IN MAJ	
4053	Paracaloptenus caloptenoides	MD	CON	EXCL REF/CD	
4053	Paracaloptenus caloptenoides	MD	STE	SR	
4054	Pholidoptera transsylvanica	UA	ALP-Car	IN MAJ	
4054	Pholidoptera transsylvanica	UA	PAN	IN MAJ	
4055	Stenobothrus eurasius	MD	STE	EXCL REF	
4055	Stenobothrus eurasius	UA	STE	IN MAJ	

Code	Species Name	iso	bigeo	Final Concl.	Final Conclusion Comments
4056	Anisus vorticulus	BY	BOR	IN MAJ	One site
4056	Anisus vorticulus	BY	CON	SR REF	
4056	Anisus vorticulus	UA	CON	IN MIN/CD	One site
4056	Anisus vorticulus	UA	PAN	SR REF	
4056	Anisus vorticulus	UA	STE	IN MIN	Charkiv region
4064	Theodoxus transversalis	MD	CON	SUF	
4064	Theodoxus transversalis	MD	STE	SUF	

Code	Species Name	iso	biogeo	Final Concl.	Final Conclusion Comments
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