

Reminders to the National List of Sites of Community Importance in the Czech Republic for the Continental Biogeographical Seminar (2006)

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Introduction

Dear representatives of the European Commission, European Topic Centre on Biological Diversity, Ministry of Environment of the Czech Republic, Agency for Nature Conservation and Landscape Protection of the Czech Republic, dear readers,

Following information express our dissatisfaction with the state of preparation of the Natura 2000 network in the Czech Republic, especially with actual content of the National List of SCI's (hereafter "National List"). The following document express the opinion of the Coalition of Czech NGOs for Natura 2000 and several other non-governmental organisations and scientific institutions mentioned above.

According to our opinion, the Czech Republic does not fulfill the obligations resulting from the Habitat Directive (92/43/EEC), especially protection of species from the Annex II.

We consider complementation the National List with additional SCIs as the solution of this dissatisfactory state.

The first part of our material is dedicated to the assessment of individual species' protection sufficiency – we list only the insufficient ones. The second part includes the list of sites which should be, according to our opinion, added to the Czech National List in order to ensure sufficient protection of each species.

General comments

Generally, many new occurrences especially of mosses and invertebrates were found lately – after April 2004, when the National List was approved. This fact is caused by increased attention which was given to the Natura 2000 species. Some of them were not known well in the Czech Republic and the scientists learned them much better during mapping period (2001-2003) and then continued to follow them and look for new sites. Therefore, many of these species are listed as insufficiently covered and new sites are being proposed.

Some sites were proposed according precise boundary of the habitat even though future effective conservation needs the boundaries to be round. For example SCI Žďár nad Sázavou - garáže (CZ0613700) of total area 0,02 ha is proposed for *Myotis emarginatus* (1321). This is a very small building in castle complex. The whole castle Žďár is 4,7 ha large and it is (whole) protected anyway as historical monument. We are convinced that the whole area should be protected as Natura 2000 site. Similarly, SCI Litovelské Pomoraví (CZ0714073) is proposed to protect *Barbastella barbastellus*, but it doesn't cover all the ecological needs (the feeding place) of the species. Especially for this species, it is necessary to enlarge it for proper conservation and effective management.

We consider the sites as [CZ0813516](#) - Olše for *Lutra lutra* species to be doubtful. Only the very upper part of the Olše River, narrow stream, without any surroundings is included into the site. We think the site should be larger to cover all ecological needs of the species. The site could be enlarged or merged together with other sites. This is the case of Jablunkovské příhraničí as well.

Part I

Mosses

Dicranum viride (1381)

New site of a very good quality was found – Zaječí skok - the largest known population of the species in the Moravian region. In several SCIs (Týřov - Oupořský potok, Velký Špičák, Žofínský prales - Pivonické skály) we propose to subject *Dicranum viride* to conservation. (INSUFFICIENT MODERATE)

Buxbaumia viridis (1386)

New occurrence of a good quality in the SCI Sovinec. Should be subjected to conservation. (INSUFFICIENT MINOR)

Drepanocladus vernicosus (1393)

Many new sites of a good quality were found (PR Prameny Klíčavy, PR Bažiny, PP Hrádecká bahna, PP Hůrky, VKP Rašeliniště na Klátově, PR Rašeliniště u Suchdola, Šumava, Červený rybník (KÚ Pihel, okres Česká Lípa). They would improve the geographical coherence. (INSUFFICIENT MODERATE)

Plants

Trichomanes speciosum (1421)

In the SCI České Švýcarsko it should be subjected to conservation. (INSUFFICIENT MINOR)

Coleanthus subtilis (1887)

Many new sites of a good quality were found (Brant (rybník Kačer), Matyášovský rybník, Mnišský rybník, Starý rybník, Bory - Těšíkův rybník, Kamenický rybník). They would improve the geographical coherence (cover the occurrence in the Krušné hory Mountains), more sites should be proposed in the Vysočina and Southern Bohemia). (INSUFFICIENT MODERATE)

Cypripedium calceolus (1902)

New sites of very good quality were found – Malíkovice, Červené dolíky (SCI x large population outside the SCI). (INSUFFICIENT MODERATE)

Pulsatilla grandis (2093)

Very important occurrence at Kavky – it was already proposed to the National List but was not included probably for political reasons (site is next to the lime stone quarry). 3 more new sites (Velký kopec, Švařec, Kozének). (INSUFFICIENT MODERATE)

Invertebrates

Vertigo moulinsiana (1016)

New occurrences were found in several SCIs (such as Jestřebsko-Dokesko, Horní Ploučnice, Rečkov) – they should be subjected to conservation.

(INSUFFICIENT MINOR)

*Austropotamobius torrentium** (1093)

New sites were found – with perspective vital populations (Huníkovský potok, Želivka scientific problems with determination of species). Both sites could significantly improve geographical coherence. Huníkovský brook – the northernmost occurrence in the Czech Republic (Europe), Želivka – the easternmost occurrence in the Czech Republic.

(INSUFFICIENT MODERATE, SCIENTIFIC RESERVE)

Ophiogomphus cecilia (1037)

A new site was found (Chrudimka v Pardubicích) – the crucial occurrence in the Eastern Bohemia Region, the centre of population outside the SCI.

(INSUFFICIENT MODERATE)

Leucorrhinia pectoralis (1042)

New sites were found (Choryňský mokřad, 2 sites at Karviná, Běleč – střelnice (former shooting range), Luží u Lovětína, the Natural monument of Kamenec). They would improve the geographical coherence (the Northern Moravia Region not covered by SCIs).

(INSUFFICIENT MODERATE)

Coenagrion ornatum (4045)

First known site in the Czech Republic (Piletický a Librantický potok) – Mikát, 2005.

(INSUFFICIENT MAJOR)

Limoniscus violaceus (1079)

New occurrence in the SCI Hlubocké obory was found. It is the only site in the Southern Bohemia. (INSUFFICIENT MINOR)

*Osmoderma eremita** (1084)

Occurrence at Slavíkovy ostrovy site – it was already proposed to the National List but was not included for political reasons. New other sites were found (horse-breeding farm at Kladruby nad Labem, in SCI Hlubocké obory).

(INSUFFICIENT MODERATE)

Cucujus cinnaberinus (1086)

Many new sites were found (horse-breeding farm at Kladruby nad Labem, Kačina, Záluží, Pohránovský rybník, Bohdanečský rybník a rybník Matka) – of very good quality. Occurrence at Slavíkovy ostrovy site.

(INSUFFICIENT MODERATE)

Maculinea teleius (1059)

Insufficiently covered species. Many new sites of a good quality were found (VKP Labišťata, Bezručovo údolí, PR Ratajské rybníky, NPR Brouskův mlýn, NPP Terčino údolí, NPP Babiččino údolí). Occurrence at Slavíkovy ostrovy site.

(INSUFFICIENT MODERATE)

Maculinea nausithous (1061)

New sites of a good quality were found (VKP Labišťata, NPP Babiččino údolí). Very important occurrence at Slavíkovy ostrovy site.

(INSUFFICIENT MODERATE)

Euphydryas aurinia (1065)

New occurrences of a good quality were found (near to SCIs). Metapopulation dynamics of this species should be taken into account. The present state of the sites needs to be improved. Proposed new sites: Prameny Teplé, Olšová vrata, Prachometry, Rankovice – Poutnov, Rankovice – rašeliniště. Several SCIs are proposed to be enlarged (Krásno, Bochov, Horní Kramolín, Javorná, Odolenovice).

(INSUFFICIENT MODERATE)

Vertebrates

Lampetra planeri (1099)

There exist more than 150 sites with recent reports of this species ([Hanel 1995](#), www.natura2000.cz, www.veronica.cz). Only 23 SCI's were proposed for this species. Many very important sites are missing. Not only because of geographical coherence, but also for protection of the most important part of vital populations it is necessary to add at least 10 sites e.g.: Dědina brook near Dobruška (Prausová a kol.2002), Horní Opava, the Lipoltovský Brook, the Šitbořský Brook in the Ohře River catchments, the Kosový and Bahnitý Brook in the Berounka catchment (Horáček, in lit) and Pružinka by Mniší. It is necessary to subject *Lampetra planeri* to conservation in following SCIs: Stropnice (CZ0313123), Orlické hory-sever (CZ0524046), Smědá (CZ0513256) and Týnišťské Poorličí (CZ0523290).

(INSUFFICIENT MODERATE)

Cottus gobio (1163)

23 sites were proposed for this species. Many very important sites are missing. Not only because of geographical coherence, but also for protection of the most important part of vital populations it is necessary to add at least 5 sites, for example: Dědina u Dobrušky, Horní Opava, Pružinka by Mniší. Moreover, we suggest to subject *Cottus gobio* to conservation in SCIs: Libavá (CZ0714133), Údolí Oslavy a Chvojnice (CZ0614131).

(INSUFFICIENT MODERATE)

Salmo salar (1106)

8 SCIs were proposed, but a very important one is missing. It is Dolní Labe (originally suggested but later cancelled site). It is very important for future migration of this species through the Labe River. The SCI Labské údolí (CZ0424111) does not cover all the migration route; the important bio-corridor for this species is not covered.

(INSUFFICIENT MODERATE)

Bombina bombina (1188)

79 SCIs were proposed even though the number of known sites is more than 200. It is necessary to supplement at least 20 sites, e.g. Vosecký rybník u Sklenného (Vlašín), the Malá straka Fishpond (Mikátová in lit), Hlubocký rybník Fishpond, Strašidlo Fishpond, Nový rybník Fishpond by Kačina, Podhoří – letiště, Zachtov Fishpond by Pěčice, Koňov by Huštěnovice (Vlašín), Roštejn by Telč (Vlašín). In existing SCIs Rakšické louky

(CZ0623365), Libavá (CZ0714133) and Řežabinec (CZ0315005) it is necessary to subject *Bombina bombina* to conservation.
(INSUFFICIENT MODERATE)

Bombina variegata (1193)

19 SCI were proposed, even though the number of known sites is more than 100. It is necessary to supplement at least 30 sites, e.g. Dobřany – military training area, Vidnava-forest complex. Moreover, we propose to subject *Bombina variegata* to conservation in several SCIs, for example: Bílé Karpaty ([CZ0724090](#)). In one site: SCI Přeštice -V Hlinkách (CZ0323162) it is necessary to enlarge the site to the South and East.
(INSUFFICIENT MODERATE)

Triturus cristatus (1166)

This species has been found at more than 200 sites. Only 61 SCIs were proposed for its conservation. This number should be higher. For example: Dědina near Dobruška (Bajer a kol. 2005), Na Plachtě near Hradec Kralove (Mikát, in lit), Nebeský rybníček by Veselí, Dobřany – military training area, Deyluv ostruvek-quarry by Dub nad Moravou (in the year 2005: 200-400 ex: Vynikal, in lit), Zádubské prameniště (Berkovec in lit) and Záluží quarry (Chvojkova, in lit).
Moreover, we suggest to subject *Triturus cristatus* to conservation in SCIs: Hradiště (CZ0414127), Řežabinec (CZ0315005), Blanský les (CZ0314124), Chříby (CZ0724091), Orlické hory-sever (CZ0524046).
(INSUFFICIENT MODERATE)

Myotis emarginatus (1321)

This species has been found at more than 74 sites in Czech part of Continental biogeoregion. (see Dungel and Gaisler 2002, Benda and Hanák 2003 and [www.natura2000.cz](#)). It is subjected to conservation in only 16 SCIs, which covers less than 30% of population. It is necessary to propose more sites for proper conservation, especially in the Eastern Bohemia (Kostelec nad Orlicí, high beams of house – Hanák, in lit). Proposed SCI Žďár nad Sázavou - garáže (CZ0613700) is too small – 0,02 ha. The whole castle Žďár is 4,7 ha in size and anyway it is (whole) protected as a historical monument. It is necessary to enlarge it.
(INSUFFICIENT MODERATE)

Myotis myotis (1324)

This species occurs in at least 1000 sites ([www.natura2000.cz](#), Hanák, Anděra 2005). For this species 85 SCIs were proposed. We propose to subject it to conservation in SCIs Králický Sněžník (CZ0530146) and Krušnohorské plató (CZ0414110).
(INSUFFICIENT MINOR)

Myotis bechsteini (1323)

At least 78 sites of occurrence of this species are known ([www.natura2000.cz](#), [www.veronica.cz](#)). Only 6 SCIs were proposed in the Czech part of Continental Bio-geo Region. Additional sites should be proposed, especially in the Southern Bohemia – Hosín, near České Budejovice–Orty drift, 6554 Vřesce u Tábora - Josefova dědičná štola drift (Hanák, in lit). Then, the species should be subjected to conservation in several SCIs, for example Malý a Velký Bezděz (CZ 0514243). There is a cave which serves as a roosting place. A forest in this SCI is feeding ground for this species (Horaček, in lit).
(INSUFFICIENT MODERATE)

Rhinolophus hipposideros (1303)

This species is reported from at least 237 sites (www.natura2000.cz, Hanák, Anděra 2005). 43 sites were proposed. But we propose additional sites, such as Kostelec nad Orlicí greenhouse (in the year 2004: 50 ex., Mikát), Průchodnice by Ludmírov (Vlašín).

The SCI Častolovice castle (CZ 0523670) should be canceled because this colony does not exist any more since the year 2000.

(INSUFFICIENT MODERATE)

Barbastella barbastellus (1308)

There are more than 400 recent sites (both winter and summer roosting places) (www.natura2000.cz, Hanák, Anděra 2005). But only 24 sites were proposed. It is necessary to add for example: summer colony in castle Roštejn by Telč and surroundings as a feeding base and Řiční tunel u Ejpovic (new sites). It should be subjected to conservation in SCI Krumlovský les (CZ0624064 – forest cottage in this SCI is a traditional place for summer colony), in Králický Sněžník (CZ0530146) Blanský les (CZ0314124), Orlické hory-sever (CZ0524046) and in Šumava (CZ0314024 winter colony in Švarcenberská štola drift near Jelení).

(INSUFFICIENT MODERATE)

Castor fiber (1337)

Because of geographical coherence with Germany it is necessary to add Dolní Labe (originally proposed but not included to the National List!), because SCI Labské údolí (CZ0424111) is not sufficient. Important bio-corridor for this species is not covered.

(INSUFFICIENT MODERATE)

Lutra lutra (1355)

This species is recently reported from more than 250 mapping squares (www.natura2000.cz, www.veronica.cz). Only 26 SCI were proposed, which cover approximately 20% of the population. At least 10 additional sites should be proposed (e.g.: Jablůnkovské příhraničí, Dědina u Dobrušky). *Lutra lutra* should be subjected to conservation in the SCIs: Bílé Karpaty ([CZ0724090](#)), Libavá (CZ0714133), Smědá (CZ0513256), Blanský les (CZ0314124) and to SCI Meandry Dolní Odry (CZ0814093). It is also necessary to enlarge Žofínský prales - Pivonické skály CZ0310163 and Horní Malše CZ0314022 to the shape SPA Novohradské hory because of geographical coherence with Austria. Also, the Dolní Labe site should be proposed (originally proposed but but not included to the National List!) because of geographical coherence with Germany. The SCI Labské údolí (CZ0424111) is not large enough because important bio-corridor for this species is not covered.

(INSUFFICIENT MODERATE)

Lynx lynx (1361)

Only 2 sites were proposed. New sites should be proposed because of geographical coherence – at least Jablůnkovské příhraničí. It is crucial for trans-boarder migration of this species (Poland, Slovakia).

The species should be subjected to conservation in the SCI [CZ0724090](#) Bílé Karpaty.

(INSUFFICIENT MODERATE)

Canis lupus (1352)

This is the priority species! Only 1 site was proposed. One wolf population occurs in the Carpathian mountains. Therefore, at least 1 new site should be proposed along Polish and Slovakian borders – Jablůnkovské příhraničí.

Wof should be subjected to conservation in CZ0314024 Šumava.
(INSUFFICIENT MODERATE)

Ursus arctos (1354)

This is the priority species! Only 1 SCI was proposed. It is necessary to propose at least 1 new site – Jablůnkovské příhraničí – because of geographical coherence. It is vital for trans-boarder migration of this species (Poland, Slovakia). It is necessary to subject bears to conservation in the SCI [CZ0724090](#) Bílé Karpaty.
(INSUFFICIENT MODERATE)

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Part II

In this part of the document we present our proposals of sites which should be, according to our opinion, supplemented to the National List.

Mosses

Cod e	Name of site	Subject to conservation	Comment
001 r	Sovinec	Buxbaumia viridis	SCI - subject to conservation to be added
002 r	Týřov - Oupořský potok	Dicranum viride	SCI - subject to conservation to be added
003 r	Velký Špičák	Dicranum viride	SCI - subject to conservation to be added
004 r	Žofínský prales - Pivonické skály	Dicranum viride	SCI - subject to conservation to be added
005 r	PR Prameny Klíčavy	Drepanocladus vernicosus	new site
006 r	PR Bažiny	Drepanocladus vernicosus	new site
007 r	PP Hrádecká bahna	Drepanocladus vernicosus	new site
008 r	PP Hůrky	Drepanocladus vernicosus	new site
009 r	VKP Rašeliniště na Klátově	Drepanocladus vernicosus	new site
010 r	PR Rašeliniště u Suchdola	Drepanocladus vernicosus	new site
011 r	Šumava	Drepanocladus vernicosus	SCI - subject to conservation to be added
012 r	Zaječí skok	Dicranum viride	new site (the biggest known population of the species in Moravia)
013 r	Červený rybník	Drepanocladus vernicosus	new site

PR - Nature Reserve, PP - Nature Monument

Plants

Cod e	Name of site	Subject to conservation	Comment
020 r	Brant (rybník Kačer)	Coleanthus subtilis	new site
021 r	Matyášovský rybník	Coleanthus subtilis	new site
022 r	Mnišský rybník	Coleanthus subtilis	new site
023 r	Starý rybník	Coleanthus subtilis	part of the SCI Novodomské rašeliniště - subject to conservation to be added
024 r	Červené dolíky	Cypripedium calceolus	SCI - to be enlarged
025	Malíkovice (Džbán)	Cypripedium calceolus	new site

r			
026 r	Kavky	Pulsatilla grandis	proposed but not included to the Nat.List
027 r	České Švýcarsko	Trichomanes speciosum	SCI - subject to conservation to be added
028 r	Velký kopec	Pulsatilla grandis	new site
029 r	Kozének	Pulsatilla grandis	new site
030 r	Švařec	Pulsatilla grandis	new site
031 r	Bory - Těšíkův rybník	Coleanthus subtilis	new site
032 r	Kamenický rybník	Coleanthus subtilis	new site

Invertebrates

Cod e	Name of site	Subjects to conservation	Comment
001 z	Huníkovský potok	Austropotamobius torrentium	new site
002 z	Želivka	Austropotamobius torrentium	new site (scientific reserve - determination of species)
003 z	Kačina	Cucujus cinnaberinus	SCI - subject to conservation to be added
004 z	Piletický a Librantický potok	Coenagrion ornatum	new site
005 z	Záluží	Cucujus cinnaberinus	new site
006 z	hřebčín v Kladrubech nad Labem	Cucujus cinnaberinus, Osmoderma eremita	new site
007 z	VKP Labišťata	Maculinea teleius, M. nausithous	new site
008 z	Slavíkovy ostrovy	Cucujus cinnaberinus, Osmoderma eremita, Maculinea teleius, Maculinea nausithous	proposed but not included to the Nat.List (political reasons)
009 z	Karviná	Leucorrhinia pectoralis	new site
010 z	Karviná 2	Leucorrhinia pectoralis	new site
011 z	Běleč - střelnice	Leucorrhinia pectoralis	new site
012 z	Luží u Lovětína	Leucorrhinia pectoralis	SCI - to be enlarged
013 z	Choryňský mokřad	Leucorrhinia pectoralis	SCI - subject to conservation to be added
014 z	PP Kamenec	Leucorrhinia pectoralis	new site
015 z	Hlubocké obory	Limoniscus violaceus, Osmoderma eremita	SCI - subject to conservation to be added

016 z	Chrudimka v Pardubicích	Ophiogomphus Cecilia	SCI - to be enlarged (important occurrence)
017 z	Jestřebsko-Dokesko	Vertigo moulinsiana	SCI - subject to conservation to be added
018 z	Horní Ploučnice	Vertigo moulinsiana	SCI - subject to conservation to be added
019 z	Rečkov	Vertigo moulinsiana	SCI - subject to conservation to be added
020 z	Klokočka	Vertigo moulinsiana	SCI - subject to conservation to be added
021 z	Bohdanečský rybník a rybník Matka	Cucujus cinnaberinus	SCI - subject to conservation to be added
022 z	Pohránovský rybník	Cucujus cinnaberinus	new site
023 z	Bezručovo údolí	Maculinea teleius	SCI - subject to conservation to be added
024 z	PR Ratajské rybníky	Maculinea teleius	SCI - subject to conservation to be added, not rich population but the last in the Českomoravská vrchovina Upland
025 z	NPR Brouskův mlýn	Maculinea teleius	SCI - subject to conservation to be added
026 z	NPP Terčino údolí	Maculinea teleius	new site
027 z	NPP Babiččino údolí	Maculinea teleius, M. nausithous	SCI - to be enlarged, subject to conservation to be added
028 z	PP Louky u Polomu	Maculinea nausithous	new site
029 z	PR Niva Doubravy	Maculinea nausithous	new site
030 z	Dominova skalka	Euphydryas aurinia	part of SCI Upolínová louka - Křížky - subject to conservation to be added
031 z	Krásno (bunkr)	Euphydryas aurinia	SCI - to be enlarged
032 z	Bochov (Úbočský rybník)	Euphydryas aurinia	SCI - to be enlarged
033 z	Horní Kramolín	Euphydryas aurinia	SCI - to be enlarged
034 z	Prameny Teplé	Euphydryas aurinia	new site
035 z	Olšová Vrata	Euphydryas aurinia	new site
036 z	Javorná	Euphydryas aurinia	SCI - to be enlarged
037 z	Prachomety	Euphydryas aurinia	new site
038 z	Rankovice - Poutnov	Euphydryas aurinia	new site
039 z	Rankovice - rašeliniště	Euphydryas aurinia	new site
040 z	Odolenovice	Euphydryas aurinia	SCI - to be enlarged

(N)PR - (National) Nature Reserve, (N)PP - (National) Nature Monument, VKP - significant landscape component

Vertebrates

Cod e	Name of site	Subjects to conservation	Comments
101z	Litovelské Pomoraví	Barbastella barbastellus	SCI - to be enlarged
102z	Rakšické louky	Bombina bombina	SCI - subject to conservation to be added
103z	Rybník Malá straka	Bombina bombina	new site
104z	Hluboký rybník	Bombina bombina	new site
105z	Rybník Strašidlo	Bombina bombina	new site
106z	Nový rybník u Kačiny	Bombina bombina	new site
107z	Podhoří - letiště	Bombina bombina	proposed but not included to the Nat.List
108z	Pěčice - rybník Zachtov	Bombina bombina	new site
109z	Dobřany - vojenské cvičiště	Bombina variegata	new site
110z	Vidnava - lesní komplex	Bombina variegata	proposed but not included to the Nat.List
111z	Přeštice - V Hlinkách	Bombina variegata	SCI - to be enlarged
112z	Horní Opava	Cottus gobio	proposed but not included to the Nat.List
113z	Krušnohorské plató	Myotis myotis	SCI - subject to conservation to be added
114z	Kostelec n.Orlicí-skleník	Rhinolophus hipposideros	new site
115z	Hradiště	Triturus cristatus	SCI - subject to conservation to be added
116z	Záluží-lom	Triturus cristatus	proposed but not included to the Nat.List
117z	Na Plachtě	Triturus cristatus	proposed but not included to the Nat.List
118z	Dolní Labe	Salmo salar, Castor fiber	proposed but not included to the Nat.List
119z	Nebeský rybníček u Veselí	Triturus cristatus	new site
120z	Dědina u Dobrušky	Cottus gobio, Lutra lutra, Lampetra planeri	new site
122z	Kostelec nad Orlicí	Myotis emarginatus	new site
123z	Hosín u ČB	Myotis bechsteini	new site
124z	Vřesce u Tábora	Myotis bechsteini	new site
125z	Jablůnkovské příhraničí	Canis lupus, Lynx lynx, Ursus arctos, Lutra lutra	proposed but not included to the Nat.List

(This list of sites for vertebrates is not complete. Many additional sites are mentioned in the Patr I of this document.)

Abbreviations:

in lit: information from letter or special report

e.g.: *exempli gratia* = for example

NPP – National Nature Monument

NPR – National Nature Reserve

PP – Nature Monument

PR – Nature Reserve

SCI – Site of Community Interest

VKP – significant landscape component