

Preservation of species-rich Nardus grasslands in pSCI Beskydy

LIFE12 NAT/CZ/000629



After LIFE plan



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1 Introduction

The After LIFE plan was developed in the end of the project Preservation of species-rich Nardus grasslands in pSCI Beskydy (LIFE12 NAT / CZ / 000629), which was carried out in 2014 - 2019 in SCI Beskydy. The field work was carried out for 5 years (2014 - 2018) and the work with the public for 6 years. The main objective of the project was to improve the status of 45 ha of the T2.3B priority habitat, which is also one of the subjects of protection in the SCI Beskydy. Another objective was to identify and verify an alternative method of care for the target habitat that would be cheaper and more affordable than recommended grazing and to create a management plan for the habitat T2.3B in Beskydy. Partial objectives were to inform the general public, the professional public and school youth about the importance of nardus grasslands, their threats and ways of care. To this objective, a number of activities were planned, which were carried out over the whole 6 years of the project.

The main objective of this document is to define and propose measures to active dissemination of project results, apply to other territories and maintain project results. The document is divided into two separate chapters dealing with the topic: 1. Dissemination of results and 2. Measures to maintain results.

2. Measures to disseminate project results

Measures to disseminate project results include work with printed outputs, project web pages and, last but not least, the transfer of personal experience

2.1 Printed outputs

The project outputs, which were intended for the general public, in particular the brochures *Průvodce po drátěných loukách*, *Smilujte se nad smilkou* and *Five years of narding*, and the card game *Líný bača* are printed in several (tens of) copies freely available from the project beneficiary. They will be gradually distributed to interested parties, either in person or sent by post according to the terms and conditions of the organization for sending the published materials. Materials are available free of charge.

Other printouts, such as calendars and posters, are located on the beneficiary's website. Due to the format and timeliness of the outputs are not offered for purchase.

2.2 Website

At the beginning of the project, web pages about the project were created on the beneficiary's website. These web pages will be accessible after the end of the project. According to the recipient's rules, they are moved from the Current category to the Closed category. At the same time, the beneficiary is actively working on the new website, which should be launched in the first half of 2020. The project will also be accessible on the new website as well as printed outputs (PDF format).

2.3 Personal transfer of experience

Perhaps the most valuable dissemination of project outputs is personal sharing of project results. Project team members and fieldwork managers are long-term employees of the beneficiary and are able to capitalize on their experience in their work. The transfer and retention of the project results will therefore be achieved through the use of information of project employees in their further work. In addition, all project team members are open to communicating and sharing experience with other entities who seek advice. It is not uncommon for project team members to be invited to presentations on meadows management or the presentation of experience with LIFE projects.

3. Measures to maintain results

Currently, there are 273.9 ha of the T2.3B biotope in the SCI Beskydy. The project included 50.1 hectares, which is 18% of all nardus grasslands in the SCI Beskydy. Another 127.5 ha of habitat (46.5%) are in the LPIS database and they receive agricultural subsidies. Although we found out that care paid by agricultural subsidies is not ideal, there is a chance that at least some of our comments on existing subsidies will be heard and care will improve since 2021. The other part of the land with the habitat T2.3B receives subsidies from nature conservation body. But here we are unable to find the exact numbers.

Subsequent care, which will ensure the maintenance of results and their further improvement, we actively provided, including financial resources for 46.8 hectares from the project 50.1 hectares (or 52.7 hectares with consent, including areas where management can not be realized - blueberries, shrubs).), which is 89% of the project area. In the remaining area (5.8 ha), where care is not financially covered by specific resources, land management will be carried out by landowners or lessees on their own expense. For various reasons, these owners or lessees want to take care of the land themselves or do not want to be bound by another project or undergo an administratively

demanding application for agricultural subsidies. The category of own costs includes also the help of volunteers and funds obtained from corporate donation.

A detailed breakdown of aftercare for the sites is given in the following table.

partial segment	name of locality	total area (m ²)	coordinator / executor of care	method of financing aftercare	management
1a	Radhošť	1341	Správa CHKO Beskydy	From title Program péče o krajinu	grazing
1b	Radhošť	7952	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
2	Radhošť	12900	Správa CHKO Beskydy	From title Program péče o krajinu	grazing
3	Radhošť	3291	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
4a	Radhošť	6870	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
4b	Radhošť	2614	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
5a	Radhošť	2608	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
5b	Radhošť	6864	Správa CHKO Beskydy	From title Program péče o krajinu	grazing
6a	Radhošť	3313	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
6b	Radhošť	5855	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
7	Radhošť	5997	Správa CHKO Beskydy	From title Program péče o krajinu	grazing
8	Radhošť	5608	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
9	Radhošť	3355	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
10	Radhošť	6768	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
11	Radhošť	9081	Správa CHKO Beskydy	From title Program péče o krajinu	grazing
12	Radhošť	7500	Správa CHKO Beskydy	From title Program péče o krajinu	grazing
13	Radhošť	11966	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
14	Radhošť	7623	Správa CHKO Beskydy	From title Program péče o krajinu	grazing
15	Radhošť	9679	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
16	Radhošť	9646	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
17	Radhošť	6969	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
18	Radhošť	9015	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
19	Radhošť	9138	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
20a	Radhošť	8766	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
20b	Radhošť	8305	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
21	Skurečena	7605	owner	own expense	mowing
22	Skurečena	1671	owner	own expense	mowing
23	Skurečena	8656	owner	own expense	mowing
24	Skurečena	6352	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , grazing, sowing
25	Skurečena	10774	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , grazing, sowing
26a	Skurečena	10961	ČSOP Salamandr	agriculture subsidy	mowing
26b	Skurečena	8913	ČSOP Salamandr	agriculture subsidy	mowing
27	Závorka	15711	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing, sowing
28	Kamenné_Hrubá	6089	ČSOP Salamandr	LIFE for Insects (LIFE16 NAT/CZ/731)	grazing

29a	Kamenné Cholevová	4398	ČSOP Salamandr	LIFE for Insects (LIFE16 NAT/CZ/731)	grazing
29b	Kamenné Cholevová	1999	ČSOP Salamandr	LIFE for Insects (LIFE16 NAT/CZ/731)	grazing
30a	Kamenné Vavřínová	6753	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , grazing , sowing
30b	Kamenné Vavřínová	5237	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , grazing, sowing
30c	Kamenné Vavřínová	4577	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , grazing, sowing
30d	Kamenné Vavřínová	2208	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , grazing, sowing
31a	Tovaryš	1823	owner	own expense	mowing
31b	Tovaryš	2030	owner	own expense	mowing
32a	Kamenné Hetmanová	6284	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , grazing, sowing
32b	Kamenné Hetmanová	2400	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , grazing, sowing
33a	Kamenné Vojtušová	3004	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , grazing, sowing
33b	Kamenné Vojtušová	7882	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , grazing, sowing
34	Mitura	16507	owner	From title Program péče o krajinu	mowing
35ab	Bystřice	4748	local farmer	agriculture subsidy	grazing
35cd	Bystřice	3148	local farmer	agriculture subsidy	grazing
36	Karlovice Vašut	2928	owner	own expense	grazing
37a	Ostravice Šomanová	4081	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing, sowing
37b	Šomanová LČR	9764	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
38	Veselá	6092	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , grazing, sowing
39	V Karlovice Sekáč	4745	owner	own expense	mowing
40	Plucnarka Čeladná	6224	owner	agriculture subsidy	mowing
41	Bílá Mičulky Lidák	6785	owner	From title Program péče o krajinu	mowing and grazing
42	Dudová Hamry	8815	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
44a	Orság Stanovnice	12742	owner	agriculture subsidy	mowing or grazing
44b	Orság Stanovnice	4902	owner	agriculture subsidy	mowing or grazing
44c	Orság Stanovnice	5049	owner	agriculture subsidy	mowing or grazing
45	Bacov Volková	14602	ČSOP Salamandr	own expense	mowing
46	Černá hora	15584	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
47	Černá hora	3621	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
49	Černá hora	17004	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
50	Krásná LČR	6529	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
51	Bacov Janíček	9553	owner	own expense	mowing and grazing
52	Bacov Cielecká	5415	ČSOP Salamandr	From title Program péče o krajinu	mowing
53	Člověčí	9521	owner	From title Program péče o krajinu	mowing
54	Střelnice	7063	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing, grazing , sowing
55	Kamenné Vavřín_A	2050	owner	own expense	mowing
56	Kamenné Vavřín_B	1240	owner	own expense	mowing
57	Červenka	5467	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
58	Janča	5818	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing, sowing
59	Soláň A+B	8322	ČSOP Salamandr	OPŽP Zvýšení pestrosti horských luk	mowing , sowing
60	Karolinka	10340	ČSOP Salamandr	agriculture subsidy	grazing
61a	Podřatá A	1552	ČSOP Salamandr	own expense	mowing

61b	Podřatě B	8256	ČSOP Salamandr	agriculture subsidy	grazing
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Summary		Area (m ²)	Rate
coordinator / executor of care	Správa CHKO Beskydy	51306	10%
	ČSOP Salamandr	363585	69%
	owner	104031	20%
	local farmer	7896	1%
method of financing	OPŽP Zvýšení pestrosti horských luk	291060	55%
	LIFE for Insects (LIFE16 NAT/CZ/731)	12486	2%
	From title Program péče o krajinu	89534	17%
	agriculture subsidy	75283	14%
	own expense	58455	11%

The management of 50.1 ha of project sites is funded in a multisource way. In the coming years, ČSOP Salamandr (69%) will make the largest part of the work from various sources, as well as owners (20%) from various sources - agricultural subsidies, funds from the Program péče o krajinu or on their own expense.

In terms of resources, the largest part will be financed from the project Zvýšení pestrosti horských luk (OPŽP CZ.05.4.27/0.0/0.0/18_106/0008878), which was supported by the Státním fondem životního prostředí under the Operačního programu Životní prostředí and will run in 2019 - 2023.

Funds from the Program péče o krajinu are distributed annually. At present, one year of care has been taken from these funds and they are “booked” for the following year. Agricultural subsidies were chosen where local conditions (in particular relief) make it possible to choose an appropriate subsidy title. Parts of the soil blocks (díl půdního bloku) are already drawn on the sites.

Project LIFE for Insects (LIFE16 NAT / CZ / 731) runs from 2017 to 2022 and two project localities were added to it in 2019 due to their great importance for the critically endangered Large Blue butterfly (*Phengaris arion*) population, species of attachment IV. Directive 92/43 / EEC. Care for these areas is therefore financially secured until 2022.

If we assess the outlook for the T2.3B habitat in the SCI Beskydy as a whole, it is necessary to state that at present care does not require significant financial support from the state. It is almost always a

kind of substitute care, which substitutes economically viable agriculture, especially in context to the nature of the habitat (low yields) and the occurrence of the habitat (isolation, unavailability, small size of units). The further development of the habitat will therefore depend mainly on the state subsidy policy and the amount of funds that the state administration in nature conservation will have for redistribution among farmers taking care of rare meadows.

4. Conclusion

The After LIFE plan is designed with a view to practical management of the habitat, which should prevent degradation of the project results for at least another 5 years. Care funds are also provided for the same period of time, and we believe that, in view of the above, the results will be maintained for at least 5 years. Subsequent projects will not only continue to take care of sites, but they will also be enlarged by additional cutting trees and shrubs, interconnected with new areas, and individual interventions will be modified or supplemented based on the results of project monitoring results. The main goal of aftercare is to improve the habitat status as well as important species in the localities. The dissemination of the project results will be carried out through further distribution of already published materials and in particular through personal consultations with those interested in information.