

RESOLUTION ResDip (2008) 1

ON THE REGULATIONS FOR THE EUROPEAN DIPLOMA OF PROTECTED AREAS

*(Adopted by the Committee of Ministers on 20 February 2008
at the 1018th meeting of the Ministers' Deputies)*

APPENDIX 5

MODEL PLAN FOR ANNUAL REPORTS

ANNUAL REPORT FOR 2012

Annual reports should describe the changes that have taken place since the previous year in dynamic terms of management and function and not be limited to basic data. They should not, without justification, exceed six pages. The report of the year preceding the one in which the validity of the European Diploma of Protected Areas is to be renewed should be more detailed. Any new text or map introducing a change in the situation of the area should be attached to the annual report.

State: *Czech Republic*

Name of the area: *Podyjí National Park*

Central authority concerned:

Name: *Ministry of the Environment of the Czech Republic*

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Authority responsible for its management:

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I. General information

1. Natural heritage (general abiotic description: geomorphology, geology and hydrogeology, habitats, flora, fauna, landscape) – State of conservation

- 1.1. Environment: changes or deterioration in the environment, of natural or anthropic origin, accidental or permanent, actual or anticipated

The eutrophication continued also this year (see Annual report 2012). The intensity of agriculture is still decreasing and the intensity of the use of small treeless areas is increasing only very slowly. State of the agricultural landscape is slowly improving due to erosion measures and planting of new trees.

- 1.2. Flora and vegetation: changes in the plant population and in the vegetational cover; presumed causes

*Changes in management of meadows continued. Positive changes of vegetation cover are probably caused by changes of management. We continued in interventions aimed at turning local forests into nature state of vegetation. Some mushroom species new to the area were found (for example *Melanophyllum eyrei* (CR), *Cortinarius praestans* (EN), *Porothelium fimbriatum* (CR)). Three rare species (*Hericinum erinaceus*, *Gernium dissectum* and *Geranium divaricatum*) were found on new locations.*

- 1.3. Fauna: changes in the sedentary or migratory populations; congregating, egg-laying and breeding grounds

*New species recorded for the first time in the area of NP Podyjí/Thayatal: some beetles (*Wanachia triguttata* (Gyllenhal, 1810), *Arpidiphorus lareynieri* Jacquelin du Val, 1859, *Bagous puncticollis* Boheman, 1845 and *B. glabrirostris* (Herbst, 1795), *Lixus vilis* (Rossi, 1790), butterflies (*Argynnis pandora* (Denis & Schiffermüller, 1775), flies (*Trichomyia hardeggensis* Omelková, Ježek, 2012)).*

2. Cultural heritage and socio-economic context

- 2.1. Cultural heritage

- 2.1.1. Changes concerning cultural heritage

140 fruit trees were planted at 8 different locations in open landscape. All of them were traditional species once grown in Podyjí area.

- 2.2. Socio-economic context

- 2.2.1. Changes concerning the socio-economic context

Without changes

3. Education and scientific interest

- 3.1. Visitors — Information policy

- 3.1.1. Arrangements for receiving and informing the public (building, booklets, maps, cards, etc.)

New trilingual touristic map of national park area was published this year in cooperation with publisher Geodézie Online Česká Lípa.

Four new leaflets were printed: Calendar of Guided Trips in 2013 and English versions of National park Podyjí, Foot trails in Podyjí national park and Cycling trails in Podyji national park leaflets.

We took part in governmental information a marketing campaign Česká Příroda (Czech Nature) including our presentation at Nature protection fair in Prague (April 2013) and Ekofilm (October 2013)

The exhibition entitled Barvy a tvary matky Země (Colours and Shapes of Mother Earth) was arranged in Ctěnice chateau in Prague (April - September 2013). It displayed fresh works of art by children from many countries around the world.

15.000 visitors visited our exhibition Zapomenuté řeky (Forgotten rivers) at State castle Vranov nad Dyjí (June - September 2013). The exhibition was organized in cooperation with National Heritage Institute and Živé Pomezí Krumlovska – Jevišovicko NGO.

3.1.2. Frequentation by visitors and behaviour (number, distribution in time and space)

About 250.000–300.000 people visited the area of national park. Visitors' center in Čížov welcomed about 8.500 visitors.

3.1.3. Special visits (distinguished persons, groups, etc.)

April 2013 : Joao P.F. Carvalho Ph.D, portuguese scientist, visited national park. He gave lecture on Close-to-nature silviculture and Coppice forestry

May 2013: ProSilva Ireland members forest study tour to Czech Republic. Fifteen persons visited forests in Podyji National Park

July 2013: minister of environment Tomáš Jan Podivínský visited national park

October 2013: two groups of mostly mayors and regional managers from Macedonia and Bosna and Hercegovina interested in regional development, pro and cons of national park and nature protection funding visited national park

October 2013: group of staffs of Bureau for Forest Management and Geodesy from Poland visited national park's forests

October 2013: IUCN WCPA transboundary working group hold its meeting in Thayatal and Podyjí national parks

3.2. Scientific research

3.2.1. Current or completed research (observation, experimentation, etc.; identification or inventory of the species listed in the appendices to the Bern Convention, etc.)

Research projects running in 2013:

Survey of Beetles (Coleoptera) of selected forest localities

Monitoring of moths and butterflies (Lepidoptera)

Survey of caddis-flies (Trichoptera) in Podyjí NP

Geomorphological research in the Ice Caves

Research on fallow vegetation

3.2.2. Scientific publications

Most recent publications:

BENEDIKT S. 2013: Příspěvek k výskytu nosatce Pseudorchestes smreczynskii (Dieckmann, 1958) (Coleoptera: Curculionoidea) v České republice (Report to the occurrence of the weevil Pseudorchestes smreczynskii (Dieckmann, 1958) (Coleoptera: Curculionoidea) in the Czech Republic). Západočeské entomologické listy, 4: 61–65.

OMELKOVÁ M. & JEŽEK J. (2012): A new species of the genus *Trichomyia* (Diptera: Psychodidae) and new faunistic data on non-phlebotomine moth flies from the Podyjí NP and its surroundings (Czech Republic). *Acta Entomologica Musei Nationalis Pragae, neuvedeno*, 52, 505-533.

STEJSKAL R. & TRNKA F. 2012: Rozšíření a ochrana nosatců rodu *Minyops* v České republice (Coleoptera: Curculionidae) (Distribution and conservation of weevils of the genus *Minyops* in the Czech Republic (Coleoptera: Curculionidae). *Klapalekiana, Praha* 48: 207–223 (in Czech, English summary). – The paper also contains records from Podyjí NP.

VÁVRA J. CH., MANTICĚ M. & SITEK T. 2012: Faunistic records from the Czech Republic - 342. *Coleoptera. Klapalekiana, Praha* 48: 297–306.

ZAVADIL V., KRÁL D. & REITER A. (2013): Large branchiopods (Crustacea: Anostraca, Notostraca, Spinicaudata, Laevicaudata) of the middle Dyje river area, Czech Republic. *Acta Musei Moraviae, Scientiae biologicae, Brno*, 98, 1-40.

4. Site description (vulnerability, protection status, ownership, documentation)

4.1. Changes in legislation or regulations

Regulation 189/2013 Coll., On the protection of tree species and permitting of their felling. Rules were modified for the felling of trees outside forests. Conditions for cutting trees in gardens within settlements were relaxed. Stricter, on the other hand, are conditions for felling trees in alleys and groups of trees in open country.

4.2. Changes in ownership title (conversion to public property, rentals, etc.)

The state administration bought 2.0 ha of land in vicinity of villages Mašovice, Znojmo-Hradiště, Konice u Znojma, Podmyče, Vranov nad Dyjí a Popice u Znojma. Another 17.3 ha in vicinity of Lukov and 124.0 ha in vicinity of Čížov were transferred free of charge to the park administration from State Land Agency.

4.3. Extension or transfer, new uses (for example, conversion into total reserve)

5. Site management (management plans, budget and personnel)

5.1. Improvements made

5.1.1. Ecological action affecting the flora and biotopes; controls of fauna

Long-term nature protection management interventions (grazing, mowing meadows, reduction of unwanted trees and bushes, restoring of the forests, destruction of invasive species) continued this year. Invasive fish species were removed from a water reservoir. Several tens of new trees (mostly fruit trees) were planted in a few non-forest locations (along field lanes, in old orchards, on field edges etc.).

5.1.2. Protection against the elements (fire, water regime)

Water regime

Proceedings for permission of water usage for hydropower plant Vranov was suspended till May 30, 2014.

Small hydropower plant Vranov 2 (immediately below the dam Vranov) is already operating. Minimal residual flow of 2.8 m³ / s - 3.4 m³ / s can thus be kept depending on water level in Vranov reservoir. Nevertheless, this minimal residual flow is not legally enforceable. Owner of the dam E.ON Trend, s.r.o. keep this minimal residual flow thanks to state subsidiaries for this

kind of energy production. Podyji National Park administration would like to get for this minimal and but also maximal residual flow regulation legal ground in further administrative proceedings.

Soil erosion

Another 8.2 ha of arable land were grassed on several places in vicinity of Čížov. Other 3.2 ha of arable land was left for succession.

- 5.1.3. Approaches and thoroughfares (paths, roads, car parks, signposting, fencing, etc.)
Newly reconstructed parking lot for visitors of national park was opened and financed by Podyji National Park Administration
Cycling and foot trails were changed in Podmolí village neighbourhood. Cycling and foot trails in Podyjí National Park are thus now longer.
Iron Curtain Trail (Eurovelo 13) was newly marked in Podyji National Park. This part of trans European cycling trail was marked as first one in Czech republic and financed by South Moravian District Administration.
In cooperation with our Austrian partners we also remarked border trails in area of national park.
- 5.1.4. Field equipment (hides and study facilities)
Without changes
- 5.1.5. Waste management
Without changes
- 5.1.6. Use of renewable energy systems
Without changes
- 5.2. Management
 - 5.2.1. Administrative department: changes made
Without changes
 - 5.2.2. Wardens' department: changes made
Without changes
 - 5.2.3. Internal policing measures
 - 5.2.4. Infringement of regulations and damage; legal action
3600 CZK were collected on fines concerning violating of natural protection and visitors rules in 2013. There still proceedings in illegal construction allegations.

II. Influence of the award of the European Diploma of Protected Areas

The recommendations of European diploma committee were strong arguments during the negotiations on more environment friendly river flows in Dyje river, in defending Dyje river against opening for water sports and during negotiations to resolve river's migration barriers problems.

III. Conditions and/or recommendations for award or renewal

Progress with measures taken in order to meet the conditions and/or recommendations defined during the award or renewal of the European Diploma of Protected Areas.

Recommendations to the renewal:

1. To ensure, in collaboration with the operator of the hydroelectric power station at Vranov, that the negative amplitudes in the flow regime from the dam sluices are reduced and that a minimum residual flow rate is guaranteed;

New negotiation with owner of hydropower plant Vranov started. Its aim is to ensure ecologically bearable flows under Vranov reservoir. New permission of water usage (see chapter 5.1.2) is only one of more possibilities.

2. To secure the adoption and implementation of the management plan for the period 2010-2019;

Accomplished in 2012

3. To control the development of leisure activities, and in particular to avoid the use of the River Dyje for water sports;

Accomplished by keeping the rules declared in management plan for years 2012-2020.

4. To intensify co-operation with the Thayatal National Park to harmonise the fishing regulations within the two parks and reduce the negative effects of fishing in the core zones;

Working group to reduce the negative impacts on the nature caused by fishery on the Czech side of the river Dyje continues. The result will be available approximately at the end of 2013.

5. To develop relations with municipalities and the local community in order to encourage sustainable management of their land within the national park, in line with the principles and rules laid down in the management plan;

Implementation of two projects made by Institute of Landscape Planning (Faculty of Horticulture Lednice, Mendel University of Agriculture and Forestry Brno, Czech Republic) on request of local administrations has already started in Lesná and Hnanice.

National Park Administration also reached the agreement on future area plans of Znojmo and Vranov and Dyjí municipalities.

6. To pursue and improve the management of agricultural areas, particularly in the buffer zones;

See chap. 5.1.2 and 2.1.1 for implemented measures.

7. To grant funding to public authorities for water supply and purification within the park's perimeter;

The project for sewerage of communities in national park (there are 3 villages without sewer system left) was granted funding. Currently, the selection for the contractor is under way and construction should start next year.

8. To undertake research on the influence of the artificial barriers on the ecosystem of the Dyje River. Mitigation measures on the riparian ecosystems should be adopted.

ETC project started in autumn 2012, lead partner is the Czech Water Administration for the Morava River Basin (including the Dyje river); project partner is Province of Lower Austria; other partners are National Parks Thayatal and Podyjí. Research on the artificial barriers on

the ecosystem according to the water framework directive and the European diploma recommendations for both parks is the part of this project. The project continues in its scheduled agenda. Research on migration barriers has already started.