THE MANAGEMENT OF THE FOREST FUNDS ADMINISTERED BY THE FORESTRY AROUND MIERCUREA SIBIULUI, SIBIU COUNTY, BASED ON ECO-ECONOMIC BIO-ECONOMIC AND ECOSANGENESYS PRINCIPLES

MANAGEMENTUL FONDULUI FORESTIER ADMINISTRAT DE OCOLUL SILVIC MIERCUREA SIBIULUI, JUDEȚUL SIBIU, PE PRINCIPII ECOECONOMICE, BIOECONOMICE ŞI ECOSANOGENE

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***Abstract**: The paper presents the work of the Forestry in Miecurea Sibiului, in order to comply to the ecoeconomic, bioeconomic and conservation principles of plants and animal species. The data presented were derived from the statistics of the current forests in the district.*

***Key words**: management, hunting game, forestry, species, protected areas*

INTRODUCTION

The history of the Miercurea Sibiului forestry starts in the eighteenth century when the detour is called Bistra and managed all the forests in the right side of the river Sebes, between Valea Frumoasei,Valea Dobrei, and the heights that separatethis basin from the Cibin basin. Until 1776 it was part of the Austro-Hungarian Empire. In 1776 I was donated to the Border Regiment in Sibiu, in exchange for services rendered in time of war, which held the property title until 1851.

In 1851 the regiment was disbanded, but the 23 000 ha of forest have remained on the property of the former border until January 1863 when they passed into state ownership. On the 9th of February, 1888 the area was given back by an agreement concluded before the Court Sibiu, to the former

Border Regiment, which in exchange for giving up these rights received the area of 4000 hectares in Valea Dobrei.

Since 1863 and until 1870 the forests in the right side of the valley of Sebes river formed the Forestry of Jina, which was split in 1870 into the Forestry of Şugag with the Coltii Magurii, Dobra, Muncelul Mic and the Forestry of Bistra with Bistra, Cibin, Oaşa, Tartarau. Since 1924 the two Forestries were united, the new one being called Bistra.

In 1993, Forestry Department of Alba Iulia reconfigurates all it's branches, 8372 ha area of forest being given to the Forestry of Petresti, being left with 21,356 ha, 19,183 ha located in Sibiu County and 2173 in Alba County.

Through the GD 860/2001, dated 01.09.2001, the administration of Bistra Forestry Department goes from the subordination of Alba Forestry Department to the Forestry Department of Sibiu, because the forest area is entirely within the county of Sibiu, covering an area of 19,183 ha.

Through the DCA no. 10/30.08.2007, Bistra Forestry changed its name to Miercurea Sibiului Forestry.

Geographically, the forests of Miercurea Sibiului Forestry are situated in the Middle Carpathian Sebes Mountains, on the right side of the Sebes river from the sources of Valea Frumoasei in Cindrel, to the confluence of Dobra with Sebes.

MATERIAL AND METHOD

Firstly, a bibliographical research was on the local Forestry was started. Then, data on the managed land, game species and their conservation status, tourist accommodation units in operation and a calendar of events in the area were collected. All these data have been processed, reviewed and summarized.

RESULTS AND DISCUSSION

The current area of the forest of Miercurea Sibiului is 17264 hectares of which:

- 14912 hectares - State forest
- 987,2 hectares Tilişca Hall
- 1363,7 hectares Miercurea Sibiului City Hall

• 0,26 hectares individual people

It consists of three production units (PU) and two basic units (BU). Forest vegetation consists of: 93% coniferous and 7% deciduous.
Class of regeneration is as follows: 163 hectares State, returned-7 hectares.

Forest structure based on classes of age and owners (%) is the following:

UP	**Class**						**Total**
	I	II	III	IV	V	VI	
	1-20 years	21-40 years	41-60 years	61-80 years	81-100 years	101-120 years	
State							
III	9	19	27	23	14	8	100
IV	16	12	37	8	9	18	100
V	13	15	40	10	5	17	100
Miercurea Sibiului hall							
UB	I	II	III	IV	V	VI	Total
I	6	10	44	25	6	9	100
Tilişca hall							
UB	I	II	III	IV	V	VI	Total
I	9	6	38	13	3	37	100

The main activities in Miercurea Sibiului Forestry are:
• harvesting forest seeds needed to ensure that seedlings will be planted annually;
• subculturing solar seedlings produced in nurseries;
• annual reforestation through plantations and natural regeneration, 60-100 hectares;
• care plantations through review and "descopleşiri works" (works that are running for 6years after planting);
• cleaning work in young trees, about 10 hectares per year;
• cleansing works in young trees, about 8ha year;
• cutting the crowded trees works;
• enhancement of wood;
• biotic and abiotic pest of forests;
• protection of the hunted and fish in the waters of the mountain;
• harvesting of wild berries and edible mushrooms from the spontaneous

flora;
• logging in self and service to businesses and selling certified wood carving and standing by auction;

Forestry Silvoturism in Miercurea Sibiului

Silvoturism activity takes place in the visiting main sights, observing species of mammals and birds, recognition of protected hunted species and hunters.

Sights:

- Reservoirs Tau and Oaşa;
- Masa Jidovului (Table of Jews),
- Valley Beautiful;
- Cindrel Mountains (mountain peony);
- Oaşa Monastery ;
- Iezerele Cindrelului;
- Iezerul Şureanu;

Possible activities:

Sport fishing (trout);
Relaxation,
Hiking in nature

Protected areas on Miercurea Sibiului teritory:

1. Masa Jidovului (Table of Jews)
2. National Park Cindrel

Protected game (hunted animals) species:

• raven, capercaillie (blackcock), hawk, otter, eagle

Tourist accommodation services and structures

Miercurea Sibiului Forestry manages two houses that are placed in the RNP Romsilva under forest tourism service, called Ruginosu Chalet and Păltiniş Chalet.

Chalet Ruginosu - the chalet is located on Cibin Valley at a distance of 65 km from Sebes. It has 4 bedrooms with 2 beds, each bedroom with bathroom, living/dining room, kitchen, television, lighting being provided by a generator.

Accommodation prices are 45 lei / day / person or 80 lei/ day / room.

In summer, from the lodge route Ruginosu, Obârşia Lotrului-Ranca-Novaci (Transaplina) can be visited and in winter you can ski on the Şureanu slope which is at a distance of 15-20 km from the chalet.

Near the lodge berries (black huckleberry, red huckleberry) and mushrooms (chanterelle mushrooms, boletus) can be harvested.

Because of hard access to the Sebes Valley was difficult due to bad roadway, requests for accommodation in previous years has been low.

Cabin service is also home to the forester who manages the hunting, the lodge being accommodated and technical staff located in field engineering.

Chalet Păltiniş - is located in the tourist resort of the same name 30 km from Sibiu.

Păltiniş has a temperate alpine climate with Western influences, which makes the snow significantly higher throughout the winter, than in other parts of the country.

The location has two buildings with accommodation, as follows:

- Păltiniş I with 13 beds and 1 single room with access to shared bathroom and 4 rooms with 3 beds each with private bathroom. Accommodation prices are 45 lei / day / person single room, 120 lei / day / room to room with three beds. Renting the entire colony is made for 500 lei.
- Păltiniş II with 5 beds and 1 single room with access to shared bathroom and 2 rooms with 2 beds and own bathroom. Accommodation prices are 50 lei / day / person single room, and 90 lei / day / double room. Renting the entire colony is the amount of 220 lei. The cottage is connected to the electricity system, having TV's in every room.

There can be organized hiking trails in Cindrel Mountains, where there can be harvested berries and mushrooms, and in winter time, the winter sports are part of the resort, the ski sloap is equipped with lifts.

Also for the accommodation of hunters (especially foreigners), the area district is another house built Tortura cabin, on Bistra valley at the confluence of the Bistra Valley Stream, with two bedrooms, each social group, with lighting provided by SHP own group. Is available from DN 67 C, 10 Km Bistra valley, forest road.

Hunting activities

The hunting fond 44 Bistra is in the Meridionali Carpathians, Cindrelului mountains with altitude between 450 to 2000 m.

Territorial Forestry Miercurea Sibiului, was divided into two hunting grounds, one is householded by the forestry, and the other one was given to Valea Frumoasei forestry.

The main game consists of: bear, Carpathian stag, wild boar, grouse.

Mountain waters of the district are divided into four fishing funds, which are relatively sparsely populated with trout. Valea Frumoasei portion from the lake tail Oaşa to Frumoasa sping fishing is prohibited.

CONCLUSIONS

Managing a forest involves bioeconomic and ecoeconomic principles valuing sustainable exploitation of all natural and human resources in the area administered.

Special emphasis should be placed on preserving plant and animal species on environmentally friendly technologies and making the maximum use of all benefits provided by forests.

In the geographical area studied, administrated by the Forestry from Miercurea Sibiului, the ecoeconomice, bioeconomic and ecosanogene principles are are the base of every activity organised.

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