

LESSON DESCRIPTION OF THE NATIONAL CONTEST “LESSON IN THE NATURE: LET’S DREAM TOGETHER!”

Municipality

Vilkaviskis

Name of school (tel. no., email)

Vilkaviškio r. Gražiskių gimnazija 00370642 43695, gimnazija.graziskiai@vilkaviskis.lt

Coordinator of the lesson – teacher’s first name, surname, tel. no., email

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DESCRIPTION OF THE LESSON

Class

7

Title of the lesson

Rare and endangered species of the organisms in Drausgiris reserve

Duration of the lesson

2 hours

The location of the implementation of the lesson

Drausgiris Nature Reserve of Vištytis Regional Park

The aim and tasks of the lesson (no more than 3 tasks)

To get acquainted with the rare and endangered species of the organisms in Drausgiris Nature reserve. Having acquainted with the rules of Drausgiris Nature Reserve and endangered species in it, using a map for orientation, the participants will find and them and will distinguish them from other species, they will perform an integrated practical – creative task “The Smart Four”.

Teaching aids

Maps for orientation, the cards and envelopes of the tasks, mobile telephones, sheet of paper A2 size, felt-tip pens.

The description of the lesson

In the lesson students, having arrived in Drausgiris Nature Reserve, were introduced with the main stage of environmental protection – find out which species are endangered. They were told about the meaning of the Red Book of Lithuania, as well as the meaning of the protected territories being established. Having shortly introduced the rules of Drausgiris Nature Reserve and the species of organisms protected in it, maps for orientation were distributed, according to which, being accompanied by the staff of the park, the students had to find protected species. Since it is not always possible to find indicated live objects in nature, simulations were prepared (the pictures of organisms). The students had to take photos of them, as any activity is forbidden in the reserve. Having arrived at the indicated location with collected information, the students performed the task “Recognize me, Please” (they had to distinguish the protected species from all the presented). Having divided in 4 teams and having chosen envelopes with the titles “The Red Book”, “Reserve”, “Preserve”, “National Park”, they performed an integrated practical – creative task “The Smart Four”. In each envelope there were the people of different professions who had to prepare presentation on endangered species according to their attitude and having agreed, present it to the staff of the park. The latter had to decide whether to “buy” that lesson from us or not. That was the evaluation of our job.

Insights and methodological pieces of advice of the teacher

In my opinion, the task was not very easy, as any human activity is forbidden in the nature reserve; they had to be accompanied by the staff of the park. However, the territory chosen was meaningful, since namely there one can see, perceive and discover what is in reality. The methods chosen were suitable. It is better to produce models instead of pictures for simulation. The map has also to be improved. Tasks shall be extended for sustainability, as well as interactive presentation inside shall be prepared (in case of unfavourable weather conditions).

The appendixes of the lesson (listed in clause 11)

Appendix 1 The map of Drausgiris Nature Reserve, 1 appendix 1) "A map for orientation", 2 appendix 1) task "Recognize me, Please", 2 appendix 2) Forbidding sign, 3 appendix 1) envelopes for creative – practical task "The Smart Four", 3 appendix 2) Creative task

Appendix 1

Plenty of cranes. Crakes, a European green woodpecker. A European fire-bellied toad. *Dactylorhiza maculate*, an early purple orchid, a Turkish marsh gladiolus

3

A black stork, a black kit, a lesser spotted eagle, a middle spotted woodpecker, a white-backed woodpecker, a black woodpecker. A European fire-bellied toad, a large copper *Festuca altissima*, a Turkish marsh gladiolus, an Early purple orchid, *Dactylorhiza maculata*, *Platanthera chlorantha*, *Festuca altissima*

1

Plenty of cranes, a middle spotted woodpecker, a black stork, a white-backed woodpecker 1509 ha
Aim – to preserve the highest part in Lithuania of Suvalkai Moraine Highland (research to be performed in the future).

4



A European honey buzzard, a black kite, a lesser spotted eagle, a black woodpecker, *Festuca altissima*, common ivy, *Hordelymus europaeus*, *Dactylorhiza baltica*

2

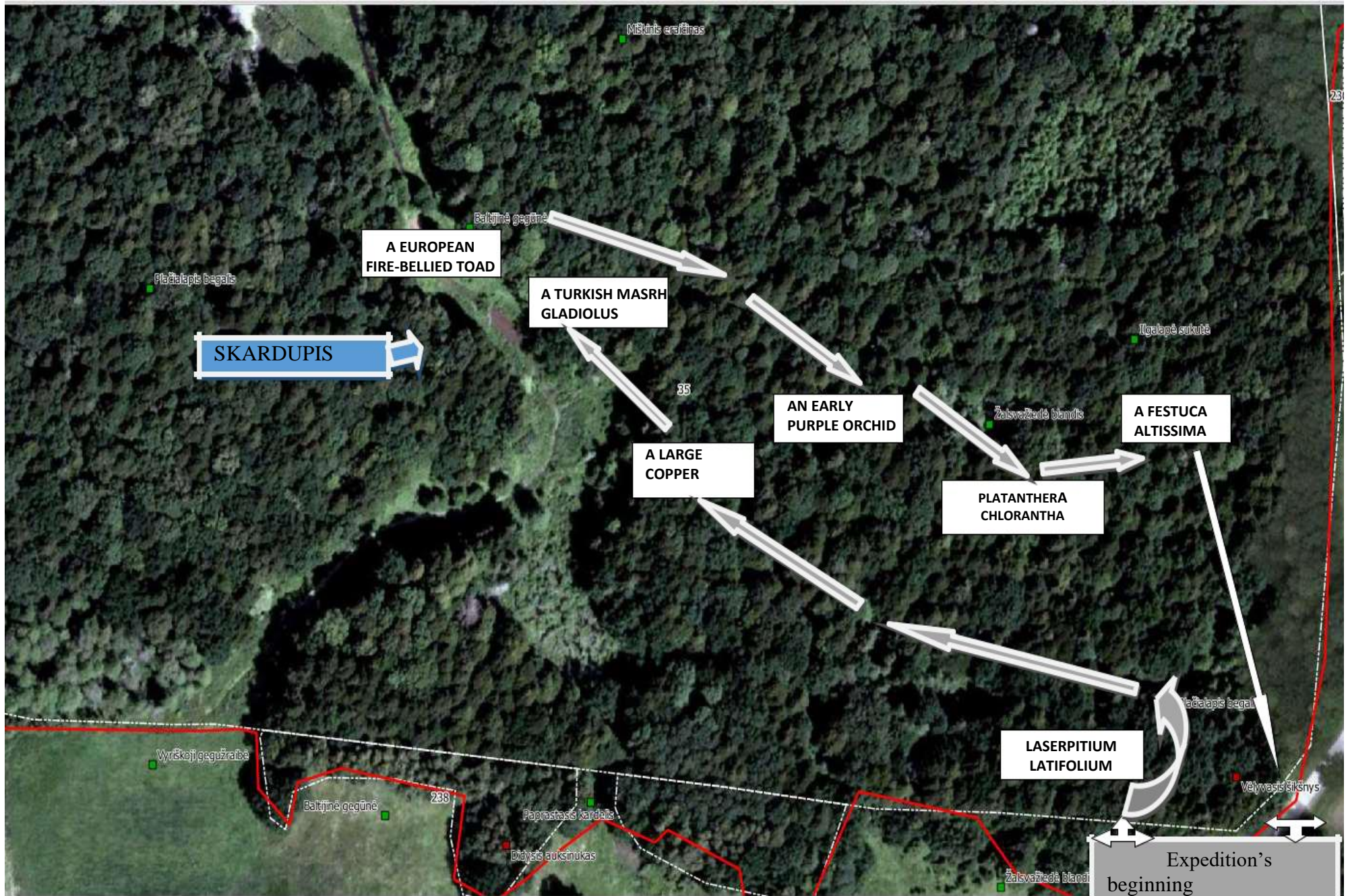
383 ha. Aim – to preserve the mixed forests of Suduva Highlands, almost untouched by human, together with the diversity of plants and animal species.

5

- Species, included in the Red Book of Lithuania
- Species, not included in the Red Book of Lithuania



DRAUSGIRIS NATURE RESERVE



SKARDUPIS

A EUROPEAN
FIRE-BELLIED TOAD

A TURKISH MASRH
GLADIOLUS

AN EARLY
PURPLE ORCHID

A LARGE
COPPER

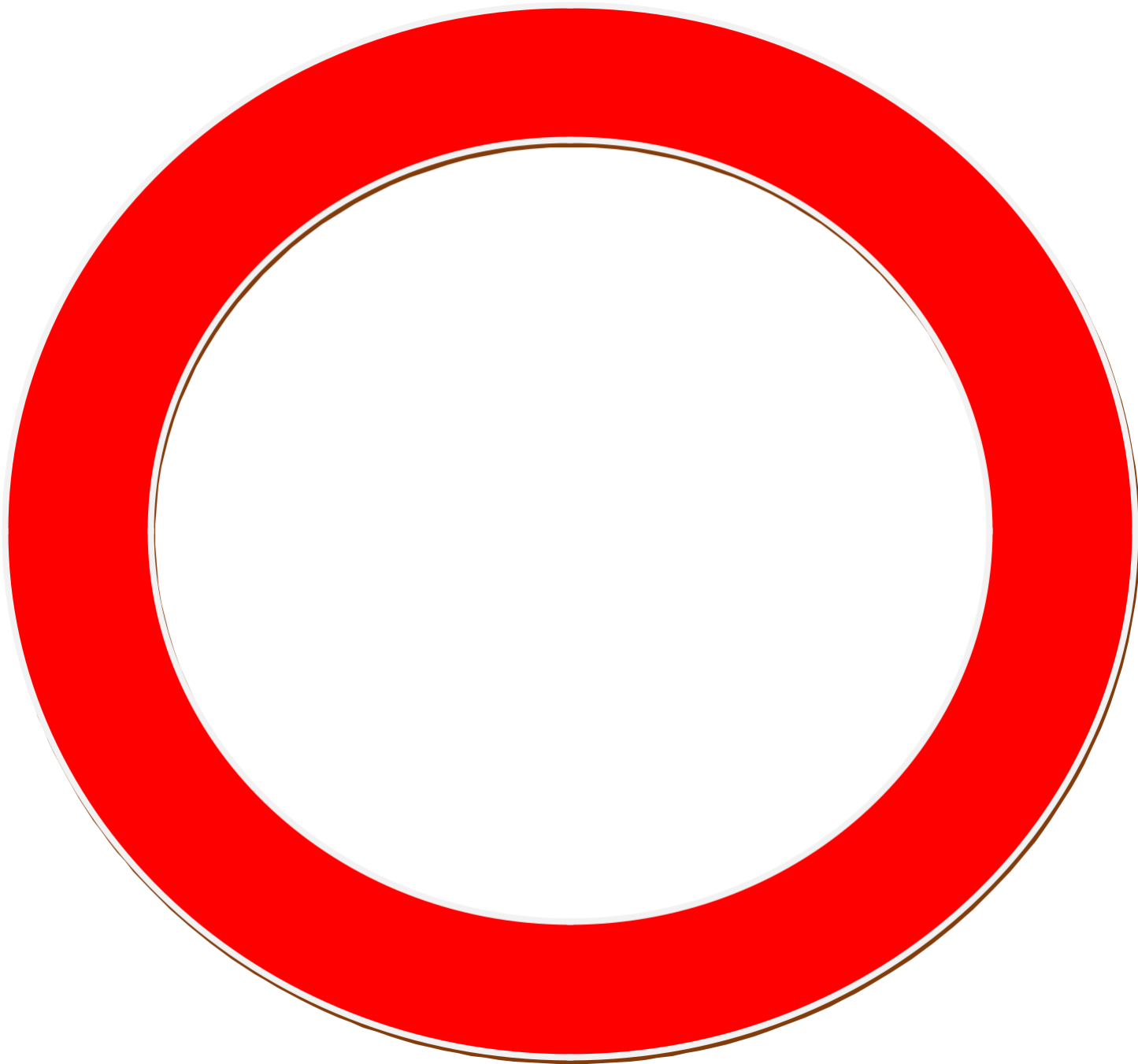
PLATANThERA
CHLORANTHA

A FESTUCA
ALTISSIMA

LASERPITIUM
LATIFOLIUM

Expedition's
beginning
end

Appendix 2 Glue the organism species of Drausgiris Nature Reserve, included in the Red Book of Lithuania, in the middle of the forbidding sign

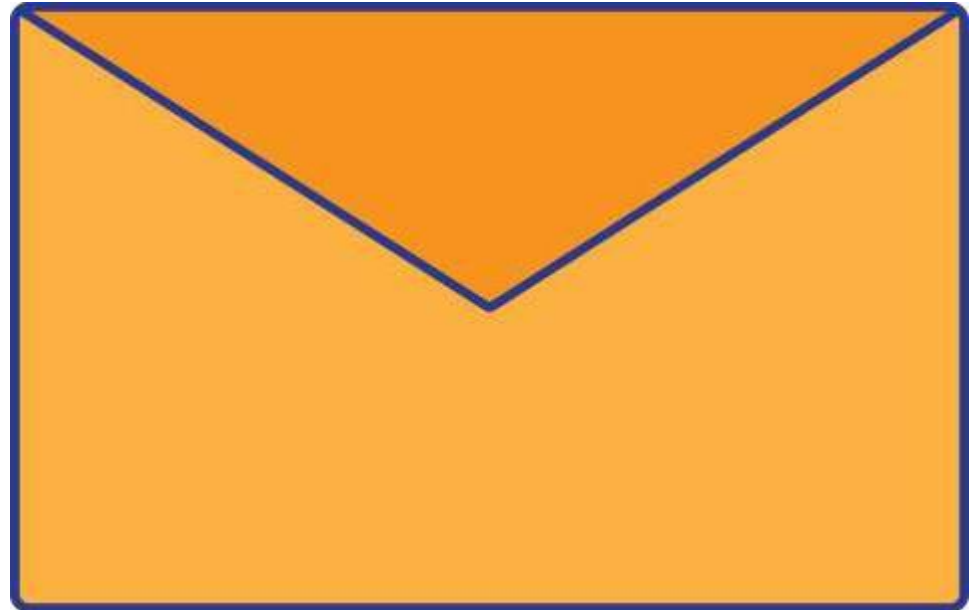
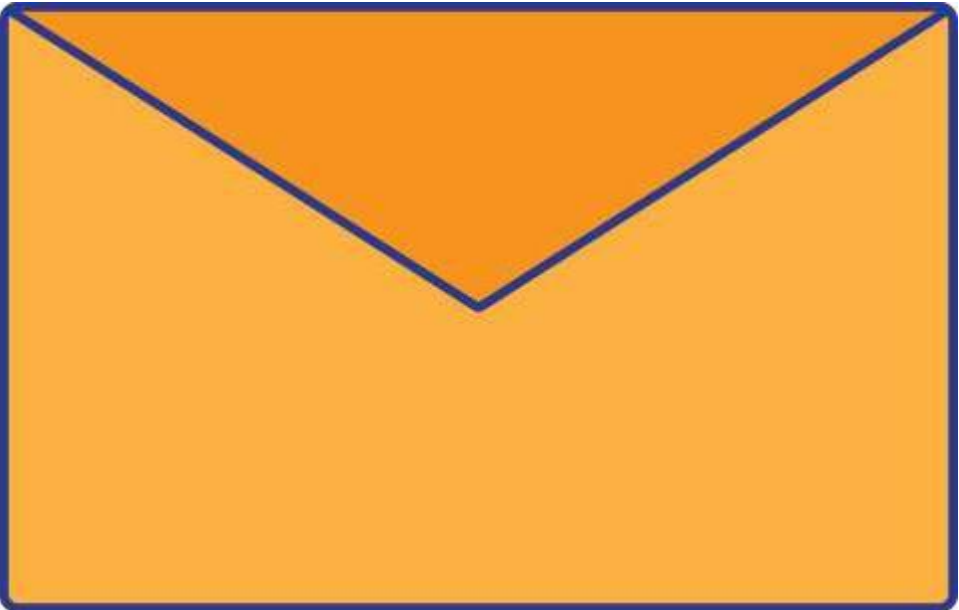
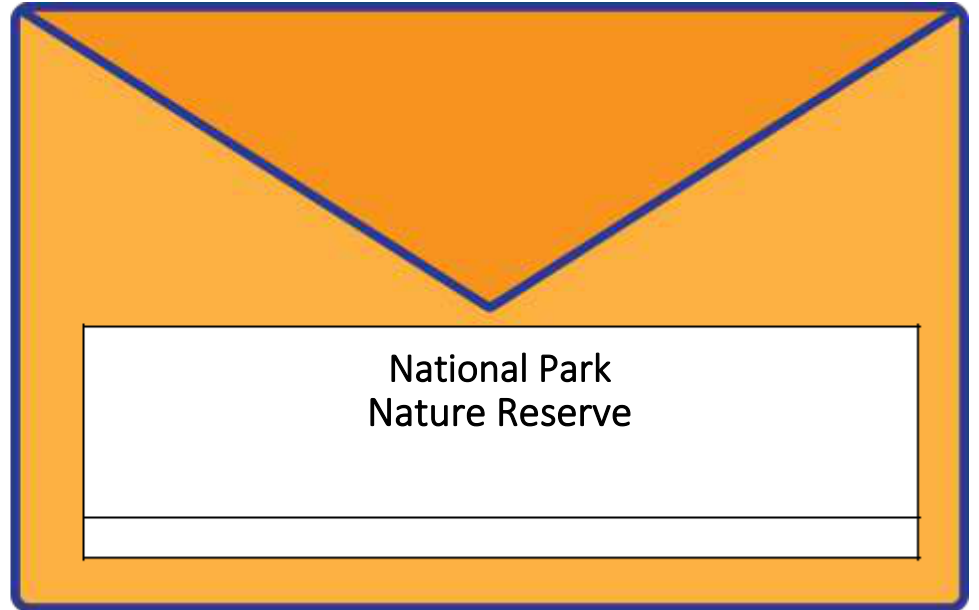
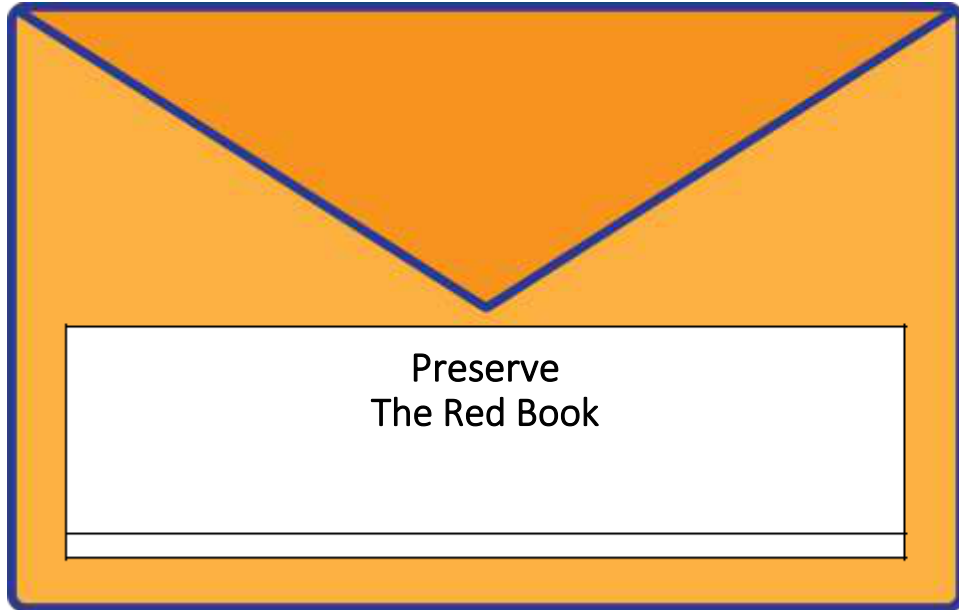


Appendix 2 Task "Recognize me, Please"





Appendix 3 Envelopes with tasks for practical – creative activity “The Smart Four”



Appendix 3
Tasks in the
envelopes

ECOLOGISTS	CHEMISTS
<p>Using knowledge gained and material provided, prepare presentation according to the following questions:</p> <ol style="list-style-type: none"> 1.List the organism species preserved in Drausgiris Nature Reserve; 2.Shortly describe them; 3.Indicate the places of finding them; 4.Having consulted with the representatives of other “professions”, prepare presentations. 	<p>Using knowledge gained and materials provided, prepare presentation according to the following questions:</p> <ol style="list-style-type: none"> 1.Indicate the chemical materials of the organism species preserved in Drausgiris Nature Reserve. 2.Shortly describe them. 3.Indicate the characteristics of these materials. 4.Having consulted with the representatives of other “professions”, prepare presentations.
<p>DOCTORS</p> <p>Using knowledge gained and material provided, prepare presentation according to the following questions:</p> <ol style="list-style-type: none"> 1.Remember the organism species preserved in Drausgiris Nature Reserve; 2.Shortly describe their curative properties; 3.Indicate their meaning to the organism; 4.Having consulted with the representatives of other “professions”, prepare presentations. 	<p>ARTISTS</p> <p>Using knowledge gained and material provided, prepare presentation according to the following questions:</p> <ol style="list-style-type: none"> 1.Draw the organism species preserved in Drausgiris Nature Reserve; 2.While drawing consider their habitats; 3.The painting of one kind – no smaller than A4 sheet of paper; 4.Having consulted with the representatives of other “professions”, prepare presentations.