

ANALYSIS OF A POTENTIAL NETWORK OF THE IPA – BULGARIA

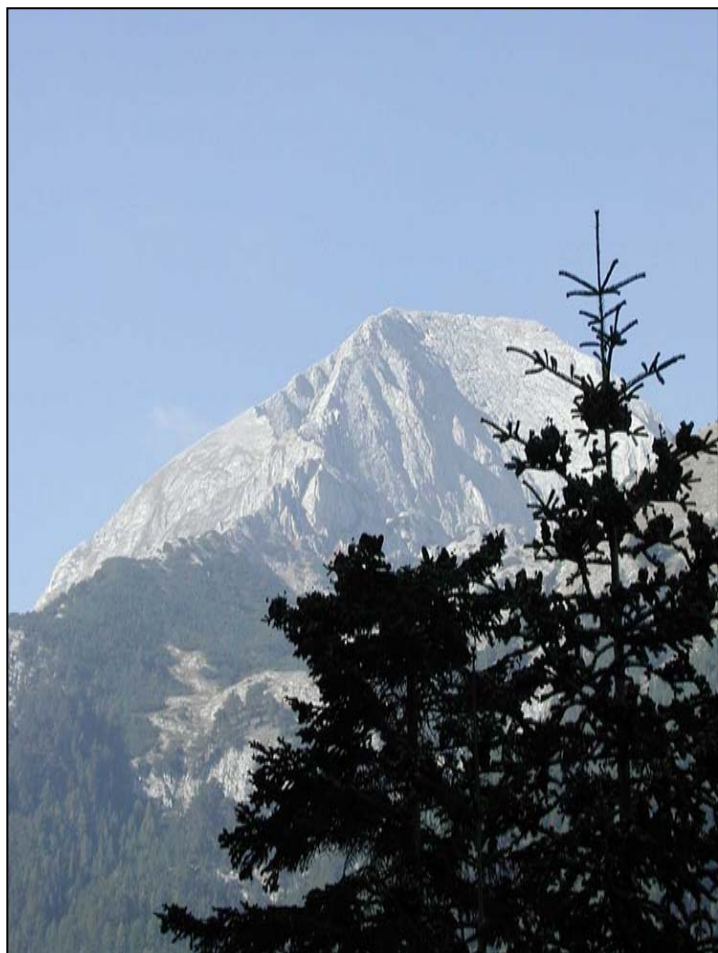
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Geum bulgaricum Pancic

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Aims:

- **To identify the threatened species**
- **To identify the threatened habitats**
- **To prepare a list of potential IPA in Bulgaria**
- **To fill in the questionnaires of 2 IPA sites**

Vihren peak in Pirin Mt. (2914 m)

FLORISTIC DIVERSITY

- **Number of vascular plants – 3900 species**
- **They belong to 879 genera of 147 families**
- **173 species and 89 subspecies are Bulgarian endemics**
- **Almost 300 species are Balkan endemics**



Primula deorum Velen.

HABITAT DIVERSITY

- **About 600 classification units in 3 biogeographic regions (on different levels)**
- **About 100 of them are described from Bulgaria**



Muratovo Lake - Pirin mt.



Pobiti kamani (64.A –
Standing stones inland dunes)

CRITERION A: THREATENED SPECIES

- A(i) - 15 species (ink. 1 Extinct)
- A(ii) – 56 species (inc. 4 Extinct)
- A(iii) – 13 species (inc. 1 Extinct)
- A(iv) – 9 species
- **A(i) + A(ii) + A(iii) + A(iv) – 92 species**

Problems:

- **The main problem is the lack of a contemporary Red Data List of Bulgarian flora**



Haberlea rhodopensis Friv.

CRITERION C: THREATENED HABITATS

- **C(i) - 12 habitats**
- **C(ii) - 190 habitats**



Strandja rhododendron – oriental beech forests

Problems:

- **The work with classification of habitat types is new for Bulgarian experts**
- **Only for some local areas there are inventories of habitats and even rare there are maps of habitats**

A POTENTIAL NETWORK OF THE IPA – BULGARIA

➤ **114 potential IPA sites are distinguished**

(12 - > 15000 ha; 20 - 1000 – 15000 ha; 82 - < 1000 ha)

| IPA sites are proposed for: | N of IPA-s |
|------------------------------------|-------------------|
| Only species | 13 |
| Only 1 species | 12 |
| Only habitats | 27 |
| Only 1 habitat | 19 |
| Both for habitats and species | 74 |
| 5 or more species | 5 |
| 10 or more habitats | 13 |

THE GOALS AND CHALLENGES

Goals:

- The basement for future work on the network of IPA-s in Bulgaria has been founded.
- Lists are prepared of Criterion A species; Criterion C habitats; Potential IPA sites.

Challenges for the further work are:

- To work with Criterion B (Richness)
- To fill in the network with best places for all the species and habitats.
- To involve in the process: More experts; Institutions, including public administration, etc.