

Kačna Jama 2005 - trip report

reported by Petr Polák (ZO ČSS 6-19 Plánivy), 23-28.9. 2005

From 23th till 28th of September 2005 was organized expedition to the Kačna Jama. Action was organized by the Planivy speleoclub (Czech republic) together with JD "Gregor Žiberna" Divača (Slovenia). On action participated 7 members of the spelegroup Plzeň (Czech republic) as well. Main aim of the expedition was research the outflowing parts of the Reka river, especially Cimermanov Rov and finding the perspective places from next continuation possibilities point of view.

Entrance pit was prerigged by members of the JD "Gregor Žiberna" Divača week before and winch was installed.

23.9. evening

Arrival of participants from the Czech republic - 6 members of speleoclub Planivy, 7 members of spelegroup Plzeň.

24.9.

There was achieved partial lay and successfully testing of the phone cable from entrance to Bivak II in the Logaški Rov. Saturn pit was rigged and part of materials was transported to the Reka river.

Arrival of 2 members of speleoclub Planivy with remnant of material.

25.9.

Two groups entered to the cave. Main aim of the first one was reaching of the Cimermanov Rov. In the meantime second support group put up and equipped the Bivak II. First six-member group started descent at 14:00. Approach proceeded according time schedule mentioned in Appendix I.

For passing the Reka river we used 300 m ropes and two boats. Firstly was removed two flooded log barriers for riverbed accessing. Approximate flow was 3 m³/s at this time. Riverbed has got 10-15 m width and same height. It was rigged by the rope with using of natural fixed points situated on the walls for case of water level increasing (draft is mentioned in Appendix II). After 200 m of sailing leads right branch in higher level - Rov Desetih Jezer. In this branch is situated amount of lakes with standing water. There is necessary to use the boats for lakes passing for their big depth and length (over 50 m). In the Rov Desetih Jezer didn't found any evident place from free continuation point of view in fact. There was found window between 2nd a 3rd lake on left side 8 m above the bottom. This point is possible to reach just by technical climbing. Second place is small feeder from right wall behind 3rd (Jankotovo) lake. In consequence of low profile passage this place didn't explored in detail. Third interesting place was found above expressive log barrier on right in front of Črno Jezero lake. There was follow up low passage up to 60m of length against the small feeder. Passage was finished in clay sediment, further passable using the digging works. From lowest point of this passage is possible to get through next passage going back to main corridor and exhausting above Črno Jezero lake. Total length of this part is approximately 100 m.

Ozki Rov and Jara Kača parts didn't explored. Partly was explored Labyrinth behind Mračno Jezero and Peščeni Rov without possibilities of further evident continuance. In the Lojzov Podor was explored final slide rocks slope up to 80 m of height but the highest point was not reached.

The cave is comparatively easy passable up to the Labyrinth. Some difficulties begin in Petkovškov Rov. Ground of the passage is interrupted by steps and fallen rocks on many places. Next approach with a boats is getting very slower in consequence this situation there. Packing of the boats into the bags in Labyrinth seems to be good idea for Petkovškov Rov passing. There is using of two 10 m ropes very helpful as well. Unpacking the boats is suitable at the end of decorated gallery in higher position where width of passage is getting closer to 2-3 m and 8 m step going down to the lake is necessary to descend. Next way leads through several short lakes. These would be best to rig by the Tyrolean traverses for their faster passing. The last lake - Slabeto Jezero is very impressive for its depth and length 150 m. Slabeto Jezero is firstly 2-3 m wide. Towards the end is getting wider. The height is 20-30 m and there didn't proceed any explorations in higher level. At the end of Slabeto Jezero is situated a chimney with a rope. There was climbed up to 12 m height and partly damaged rope was changed for a new one. Next way leads in higher level through narrow passage. There is not possible the transportation of the ready boats. Their packing is necessary. By the narrow passage is possible to traverse above the pits up to steps above another lake where our approach was finished for next material absence.

26.9.

Leaving the cave and transporting the material back.

27.9.

Transporting the material back.

28.9. morning

Departure the participants.

Conclusion

There was discovered 100 m of new passages in the Rov Desetih Jezer. More possibilities for next research proceeding seem to be in Labyrinth and in parts behind it, especially in Cimermanov rov. These parts was not detailed researched during this trip by reason of material missing. However, for next research proceeding was found following difficulties:

1. Long-term staying is necessary in bivak somewhere in the Labyrinth (above Mračno Jezero)
2. All parts from point of interest are situated in flooded area where water level can increase very fast.
3. These parts are situated very far from entrance and phone connection is necessary to establish.
4. All mentioned facts are limiting factors for making the long-term research there without possibility of emergency exit.
5. The best solution would be creation of the another entrance into this part, for example in Bukovnik cave which is situated above Lojzov Podor area.

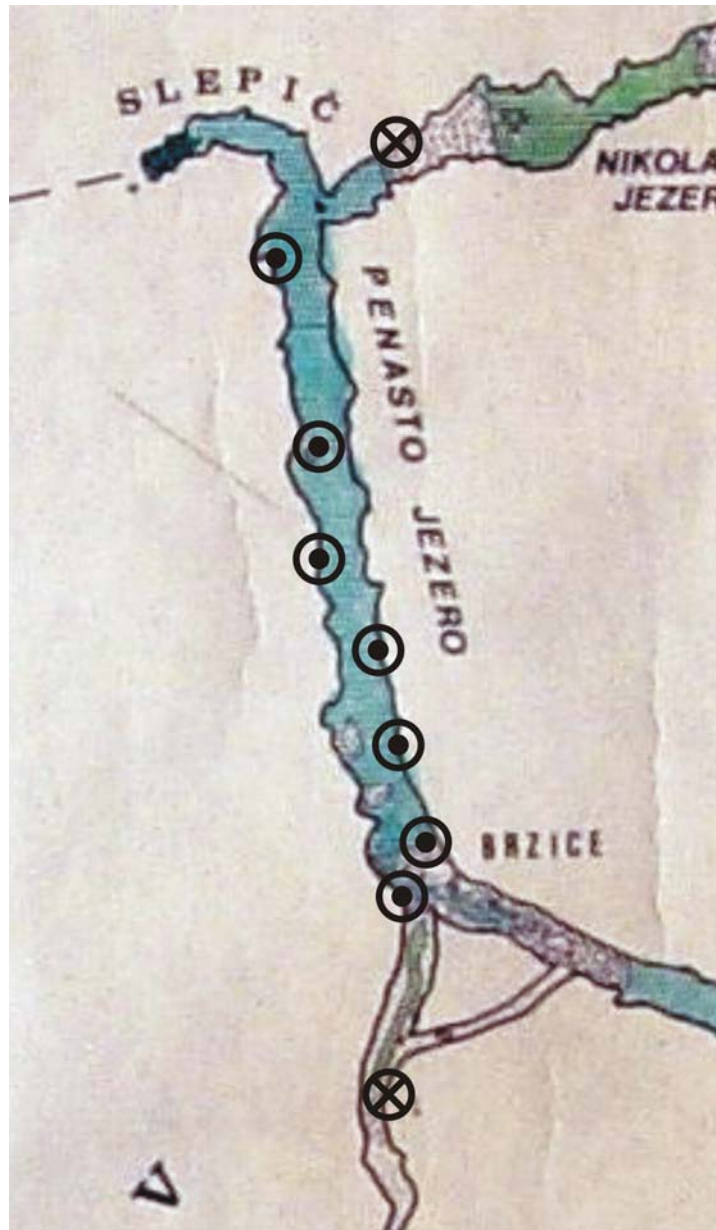
Appendix I

Time schedule of approach the six-member group. The cave was prerigged and 2 boats was prepared at the Reka river.

0:00	Start of the entrance pit descent
+2:00	Bivak II – Logaški rov
+4:00	Reka river
+5:30	Ozki rov entrance
+6:30	Mračno jezero – coming
+7:00	Mračno jezero – leaving
+9:00	Cimermanov rov at the end of Slabeto jezero
+9:15	Return
+11:00	Mračno jezero
+12:00	Reka – coming
+12:45	Reka - leaving with rigging off
+14:00	Bivak II – overnight
+23:30	Bivak II – weaking up
+26:00	Bivak II – leaving
+29:00	Entrance - everybody on the top

Appendix II

The rigging plan of the Reka riverbed (300 m of ropes needed)



- ⊗ Anchor (plaquette and nut needed)
- ⊙ Natural fixed point

Appendix III

Map of the Kačna Jama - outflowing (old) part (mapped and drawn by JD Logatec)

