

3. Dubrovnik – Jadro – Gacka River and springs – Rijeka (Zvir spring) – Zagreb – 2 days (1 night)

Day 1 - 30th September, 2017.

08:00 departure from Dubrovnik. 4 hour drive to the Jadro spring, which is situated in the middle Dalmatia. It is one of the largest springs in the middle Dalmatia. Discharge of the spring ranges from 3.6 to 78 m³/s. The spring water is used for water supply of the towns Split, Solin, Kaštela and Trogir. During the Roman time, the spring was used for water supply of Diocletian's Palace (Fig. 3.1).

Fig.3.1. Diocletian's Palace (<http://splitculture.hr>)

After stop Jadro departure to Split. Lunch in Split and sightseeing tour (Fig. 3.2). Departure to the Gacka River and its springs. Dinner and overnight in Otočac.



Fig. 3.2. Split (<http://www.stagcrewcroatia.com/split>)

Day 2 – 1st October, 2017

After breakfast, departure to springs of the Gacka River. Four major springs form the Gacka River: Tonković vrelo, Majerovo Vrilo, Klanac and Pećina. At the discharge points springs form beautiful small lakes which gradually join into a single course of the Gacka River (Fig. 3.3).

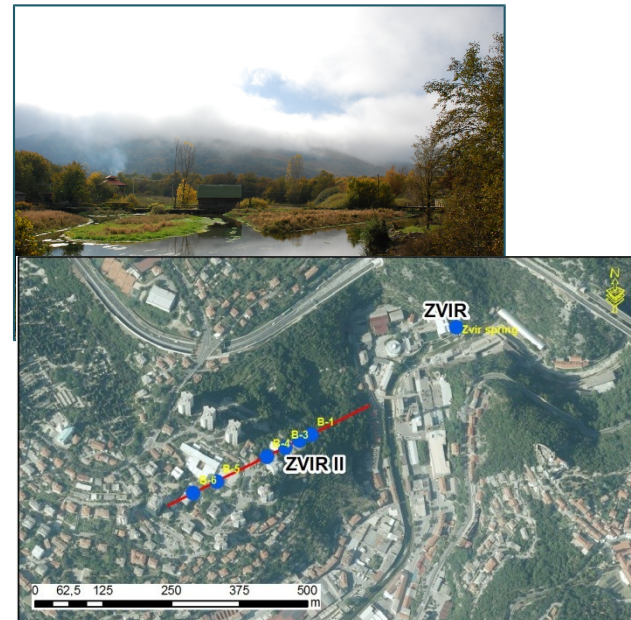


Fig. 3.3 Majerovo vrilo (photo by T. Marković)

Fig. 3.4 Klanac (photo by J. Lukač Reberski)

Catchment area of Gacka springs is about 500 km² and thus falls into the category of large catchments. Aquifer system of the Gacka springs is built of the uniform rock lithology and the intensive tectonic dynamics had a dominant influence on the direction of groundwater flow.

Fig. 3.5. Springing zone Zvir – Zvir II



Departure to Rijeka and Zvir spring (2 hours drive). Karst spring Zvir is one of the largest permanent karst springs in Croatia. Its discharge capacity varies between 0.9 and 7.5 m³/s, and is captured for the water-supply of the city of Rijeka, the third largest city in Croatia. Near the spring Zvir, water intake gallery Zvir II was built with an additional 0.5 m³/s for the water-supply system (Fig. 3.5).



Fig. 3.6. Rijeka (<https://en.wikipedia.org/wiki/Rijeka>)

Sightseeing of the city Rijeka. Lunch in Rijeka and after lunch departure to Zagreb. Arrival in Zagreb in the evening.

Price of the tour: 220 EUR

Price includes: bus transportation, tour guide, meals as mentioned in the program (2 lunches, 1 dinner, 1 breakfast), overnight in Otočac in twin or triple room, bottle of water (0,5 l), organization of the tour, VAT. Price does not include: drinks with meals, entrance fees, tips.

*No single rooms available.

Price does not include: drinks with meals, tips.

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**Price is based on 30 paying passengers. In case that number is not met, price will increase.*
