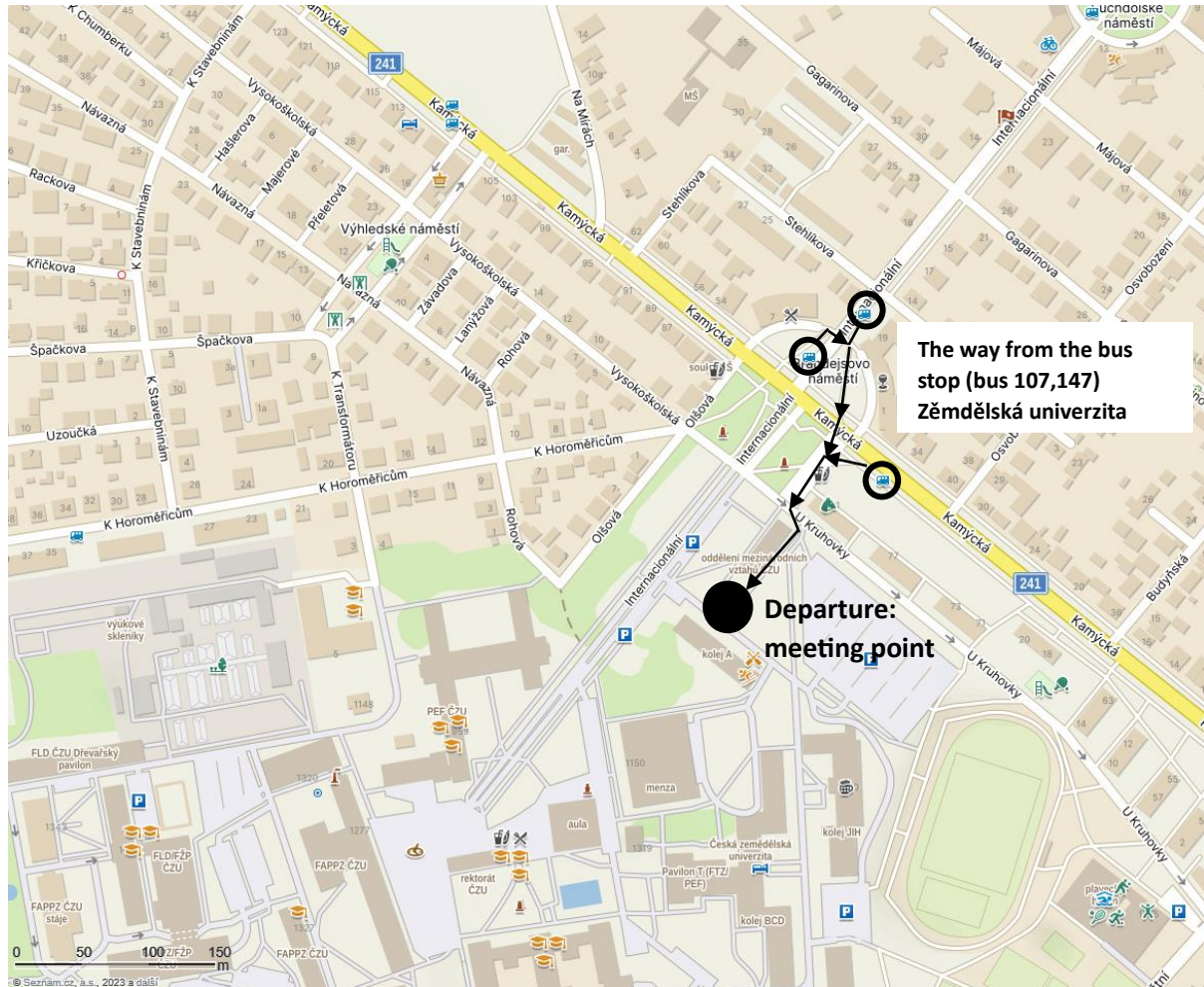


More than the city: Biodiversity hotspot in Prague

Date: Tuesday 11th July 2023

Departure: 8:00 a.m. from the Czech University of Life Sciences in Prague,

GPS: 50.1316775N, 14.3759622E (black point on the map)



Arrival: about 4:00 p.m. to the Czech University of Life Sciences in Prague

What you will get: packed lunch (sandwiches, sweet snack, fruit), basic water

What you will need: off-road shoes, additional beverages (especially if the summer temperatures will be forecasted), sunscreen/raincoat depending on the forecast.

The walked distance will be ~7 km (medium difficulty)

Excursion guide: Dr. Tomáš Kadlec, Faculty of Environmental Sciences, Czech University of Life Sciences (Cell phone: (+420)739312295)

Main excursion organiser: Tomáš Jor, Faculty of Science, Charles University (Cell phone: (+420)731897275)

Main conference organisers: Dr. Robert Tropek, Faculty of Science, Charles University (Cell phone (+420)777755785); Dr. Tomáš Kadlec

Plan:

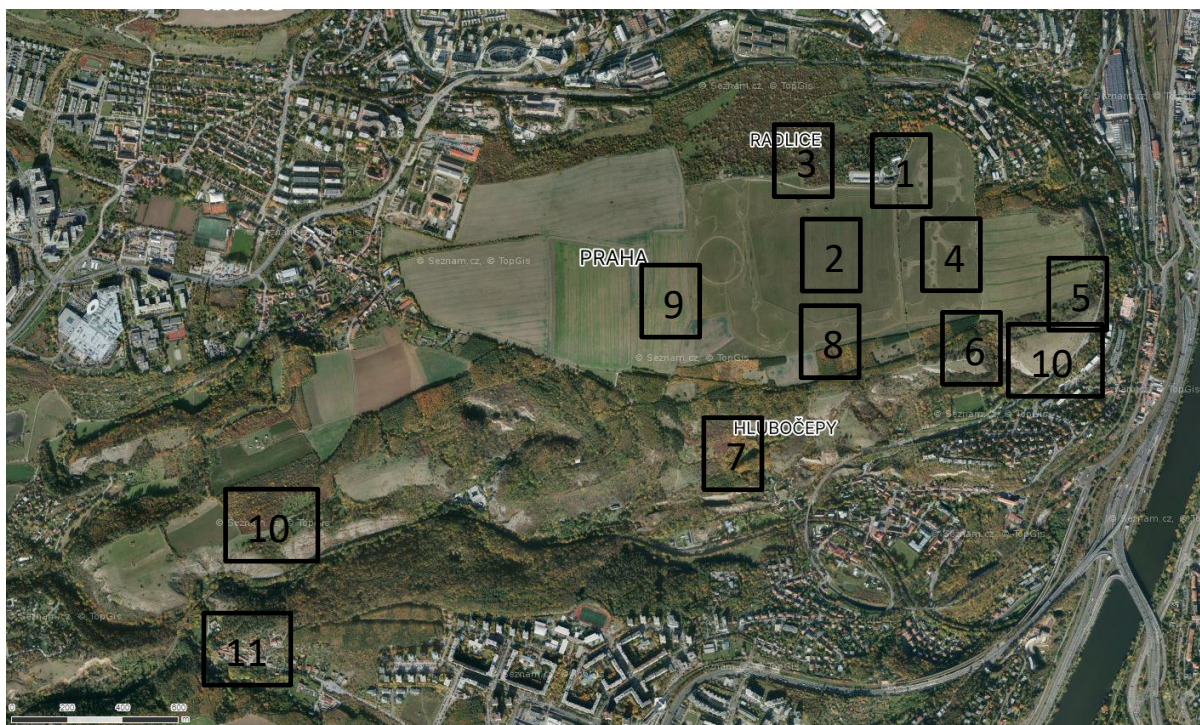
8:00 a.m. – Departure from the Czech University of Life Sciences in Prague

8:45 a.m. – Arrival

Places to see:

1. Start (bus)
2. Przewalski's horses pasture
3. Shrub reduction + goat grazing – recreated biotopes
4. *Polyommatus thersites*
5. Nice view of Prague (if weather allows)
6. Steppe, *Hipparchia semele*, capture-mark-recapture
7. Steppe, *Polyommatus coridon*, *H. semele*
8. Disturbed patches
9. Na Rovínách (nectar patches)
10. Steppe, *Pseudophilotes vicrama*
11. Mini-Brewery Prokopák (optional, not included in the fee)

~3:00 PM (15:00) – excursion cessation; return back to the campus by our bus, or self-guided walk to Nové Butovice or Jinonice to the Prague subway station (after potential stay at the brewery with the excursion guide)

**Butterfly species possible to meet during the excursion:**

Most of the visited areas are strictly protected and collecting of insect specimen is prohibited there, please respect it. Additionally, the protected species (§) are not allowed to be sampled without a specific permit. During the excursion, please do not collect the red-list species (CR, EN, VU, NT) even if met outside the protected areas.

Species	Family	Conservation status (\$ or Red list)
<i>Erynnis tages</i>	Hesperiidae	
<i>Hesperia comma</i>	Hesperiidae	VU
<i>Pyrgus armoricanus</i>	Hesperiidae	EN
<i>Pyrgus carthami</i>	Hesperiidae	EN
<i>Pyrgus malvae</i>	Hesperiidae	
<i>Spialia sertorius</i>	Hesperiidae	VU
<i>Thymelicus lineola</i>	Hesperiidae	
<i>Thymelicus sylvestris</i>	Hesperiidae	
<i>Aricia agestis</i>	Lycaenidae	
<i>Cupido minimus</i>	Lycaenidae	VU
<i>Lycaena alciphron</i>	Lycaenidae	VU
<i>Lycaena dispar</i>	Lycaenidae	\$
<i>Lycaena tityrus</i>	Lycaenidae	
<i>Lycaena phlaes</i>	Lycaenidae	
<i>Plebejus argus</i>	Lycaenidae	NT
<i>Plebejus argyrognomon</i>	Lycaenidae	
<i>Polyommatus amandus</i>	Lycaenidae	NT
<i>Polyommatus coridon</i>	Lycaenidae	VU
<i>Polyommatus icarus</i>	Lycaenidae	
<i>Polyommatus thersites</i>	Lycaenidae	VU
<i>Pseudophilotes vicrama</i>	Lycaenidae	CR
<i>Satyrium acaciae</i>	Lycaenidae	
<i>Satyrium pruni</i>	Lycaenidae	NT
<i>Satyrium spini</i>	Lycaenidae	VU
<i>Thecla betulae</i>	Lycaenidae	
<i>Aglais urticae</i>	Nymphalidae	
<i>Apatura iris</i>	Nymphalidae	\$
<i>Aphantopus hyperanthus</i>	Nymphalidae	
<i>Argynnis adippe</i>	Nymphalidae	
<i>Argynnis paphia</i>	Nymphalidae	
<i>Boloria dia</i>	Nymphalidae	
<i>Coenonympha pamphilus</i>	Nymphalidae	
<i>Hipparchia semele</i>	Nymphalidae	CR
<i>Inacis io</i>	Nymphalidae	
<i>Issoria lathonia</i>	Nymphalidae	
<i>Lasiommata megera</i>	Nymphalidae	
<i>Maniola jurtina</i>	Nymphalidae	
<i>Melanargia galathea</i>	Nymphalidae	
<i>Pararge aegeria</i>	Nymphalidae	
<i>Vanessa atalanta</i>	Nymphalidae	

<i>Vanessa cardui</i>	Nymphalidae	
<i>Iphiclides podalirius</i>	Papilionidae	§
<i>Papilio machaon</i>	Papilionidae	§
<i>Colias</i>		
<i>alfacariensis/hyale</i>	Pieridae	
<i>Gonepteryx rhamni</i>	Pieridae	
<i>Leptidea</i>		
<i>juvernica/sinapis</i>	Pieridae	
<i>Pieris brassicae</i>	Pieridae	
<i>Pieris napi</i>	Pieridae	
<i>Pieris rapae</i>	Pieridae	
<i>Pontia edusa</i>	Pieridae	
<i>Adscita statices</i>	Zygaenidae	
<i>Zygaena carniolica</i>	Zygaenidae	NT
<i>Zygaena ephialtes</i>	Zygaenidae	NT
<i>Zygaena filipendulae</i>	Zygaenidae	
<i>Zygaena viciae</i>	Zygaenidae	

...and more...

Description:

Prague belongs among the oldest historical capitals in Europe. Besides its amazing history, it is known for its outstanding biodiversity, often much higher than in common landscapes of Central Europe. The high species richness of many organisms, including butterflies, in the city resulted from the complex geomorphology and the related large diversity of habitats, together with existence of numerous small protected areas across the city. Altogether, 115 of the 161 butterfly species recorded in the Czech Republic were found in Prague. Currently, you can still meet up to 92 butterfly species in the city.

During this excursion, we will visit the Prokopské údolí, one of the most diverse natural area in Prague. It is characterized by dry calcareous grasslands, rocky slopes, mesic shrubs, and beautiful views of the city and the Vltava River. On the slopes we will find the largest Czech population of *Hipparchia semele*, the steppe specialist *Polyommatus coridon*, or (if we will be lucky) one from the rarest Czech butterflies, *Pseudophilotes vicrama*. In addition, we will also visit the newly restored grasslands used as pastures for Przewalski's horses (in collaboration with Prague Zoo) and where the successful reintroduction of endangered *Polyommatus thersites* has been realized recently. The excursion will end up in the local brewery from where the participants can leave individually by public city transport. This excursion will be shortest in term of the hiked kilometers, nevertheless climbing of some slopes require at least a basic fitness. Most of the visited sites are protected with no possibility to collect biological samples.

