



Research group  
**MYCOLOGY**  
DEPARTMENT OF BIOLOGY  
GHENT UNIVERSITY



# International Russulales Workshop 2024

Saaremaa, Estonia

September 8<sup>th</sup> - 14<sup>th</sup> 2024



Liiva-Putla nature reserve, created for the protection of fungi, is rich in hydroid telephoroids.

## Organization Committee

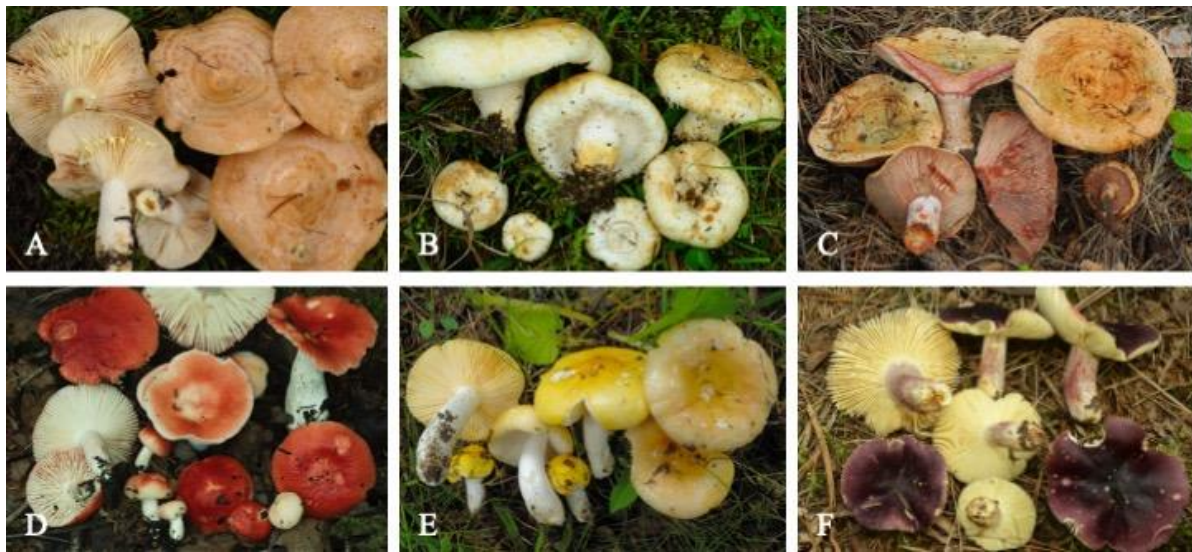
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Dear Russulales friends,

We are happy that our next Russulales workshop in the Estonian island Saaremaa is approaching! We will be based in the small town of Kuressaare situated on the southwest coast of this largest Estonian island. Saaremaa is covered for 40% by mixed or broadleaf forests, has a mild maritime climate and a variety of soils which offer high expectations for *Russulaceae* diversity. Every day two or three destinations will be offered for field collecting to get a good variety of species and a silent forest experience for everybody. In Saaremaa, you can find stunted vegetation in limestone region that is covered with thin soil, heath forests, dry boreal forests and fresh boreo-nemoral forests. Typical ectomycorrhizal trees are *Pinus sylvestris*, *Betula pendula/ pubescens*, *Populus tremula*, *Picea abies*, *Quercus robur*, *Alnus glutinosa/ incana*, *Coryllus avellana*, *Tilia cordata*. Typical landscape of the island was wooded pastures dominated by *Juniperus*, but they have changed towards forests due to a lack of grazing management. More information about the island is available on: <https://visitsaaremaa.ee/en/>.



Some of the species found in Saaremaa: a) *Lactarius chrysorrheus*, b) *Lactarius citriolens*, c) *Lactarius sanguifluus*, d) *Russula luteotacta*, e) *Russula risigallina*, f) *Russula sardonica*. Photos: Vello Liiv.



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The workshop starts on **Sunday 8<sup>th</sup> September 2024** (arrival day) and ends the morning on **Saturday 14<sup>th</sup> September 2024**. The meeting in Saaremaa will be the 7<sup>th</sup> after previous workshops in Belgium (2010), Germany (2012), Slovakia (2014), Italy (2016), Sweden (2018) and Spain (2022). It will be another excellent opportunity to conduct fieldwork and to exchange knowledge about Russulales in Europe and worldwide. The meeting will consist of fieldwork in the morning, and microscopic work for identification in the afternoons, along with a few presentations on current trends in Russulales research.

### **Accommodation, laboratory and lectures**

The conference will take place at Asa Spa hotel in Kuressaare, Pargi street 12 (<https://asaspa.ee/en/>), which is situated 1.5 km from Kuressaare bus station. Coordinates: 58.24890°N, 22.47564°E.

Accommodation, including breakfasts (6 nights):

single room: 306 EUR (51 EUR/ per night).

double room: 336 EUR (56 EUR/ per night); per person: 156 EUR (28 EUR/ per night).

It is a spa hotel, so it is possible to swim in the mornings from 7.00. Bring swimwear and beach flip-flops! Sauna centre is open Mon-Thu 17.00-21.00, Fri 17.00-22.00, Sat 10.00-22.00, Sun 10.00-21.00. The accommodation price includes unlimited use of the water amenities and sauna centre.

### **Transport**

If you travel by bus, the airport is connected to Tallinn coach station by buses (162, 120, 138), this local trip takes ca 15 minutes. Bus ticket can be bought by card in bus or tram. At both airport and Tallinn bus stations, there are machines (Tpilet; <https://www.tpilet.ee/en/>) where bus tickets to Kuressaare can be purchased. The distance from Tallinn to Kuressaare is approx. 220 km, which takes 3.5-4 hours to travel by bus, including 0.5-hour ferry ride from Virtsu to Kuivastu ([ferry's timetable](#)). The travel from Tallinn airport to Kuressaare takes ca 4.5 hours.



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## PROGRAM

### September 8, Sunday

- 14.00 Hotel check-in available until late evening
- 16.00-18.00 Registration
- 19.00-20.00 Dinner
- 21.00-21.30 Opening of the Russulales workshop 2016 with introductory presentation, and organization instructions

### September 9, Monday

- 7.00-8.00 Breakfast
- 9.00-14.00 Field trip  
Lunch in forest, make it yourself during the breakfast!
- 15.00-15.30 Coffee break
- 14.00-19.00 Analysis of the collected material and small exhibition of the day, discussions
- 19.00-20.00 Dinner
- 20.30 Info on excursion sites
- 21.00-21.30 Presentations  
Urmas Kõljalg – Introduction to UNITE and PlutoF.

### September 10, Tuesday

- 7.00-8.00 Breakfast
- 9.00-14.00 Field trip  
Lunch in forest, make it yourself during the breakfast!
- 15.00-15.30 Coffee break
- 14.00-19.00 Analysis of the collected material and small exhibition of the day, discussions
- 19.00-20.00 Dinner
- 20.30 Info on excursion sites
- 21.00-21.30 Presentation  
Slavomir Adamčík (presenting), Adamčíkova K, Cabon M, Hampe F, Manz C.E al. – Bring your own *Russula*, citizen science taxonomy project.

### September 11, Wednesday

- 7.00-8.00 Breakfast
- 9.00-14.00 Field trip  
Lunch in forest, make it yourself during the breakfast!
- 15.00-15.30 Coffee break



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- 14.00-19.00 Analysis of the collected material and small exhibition of the day, discussions
- 19.00-20.00 Dinner
- 20.30 Info on excursion sites
- 21.00-21.30 Presentation  
Ruben De Lange – From species delimitation to hypothesis testing: a revision of the European black and white Russulas.

### September 12, Thursday

- 7.00-8.00 Breakfast
- 9.00-14.00 Field trip  
Lunch in forest, make it yourself during the breakfast!
- 15.00-15.30 Coffee break
- 14.00-19.00 Analysis of the collected material and small exhibition of the day, discussions
- 19.00-20.00 Dinner
- 20.30 Info on excursion sites
- 21.00-21.30 Presentations  
Chance Noffsinger – expanded presentation on *Russula* diversity connected to nitrogen deposition in Apalachians.  
Cathrin Manz (presenting), Slavomír Adamčík, Nourou S. Yorou, Felix Hampe, Bart Buyck, Mario Amalfi, Meike Piepenbring – Just the tip of the iceberg – uncovering a hyperdiverse clade of African *Russula* species with signs of evolutionary habitat adaptations.

### September 13, Friday

- 7.00-8.00 Breakfast
- 9.00-14.00 Field trip  
Lunch in forest, make it yourself during the breakfast!
- 15.00-15.30 Coffee break
- 14.00-19.00 Analysis of the collected material and small exhibition of the day, discussions
- 19.00-20.00 Dinner
- 21.00-21.30 Presentations  
Kadri Põldmaa – Mycoparasites on fruitbodies of *Russula* and *Lactarius*.  
Jorinde Nuytinck – The quest for types (framed by the Biodiversa project FunDive).  
Closing ceremony, socializing and discussions



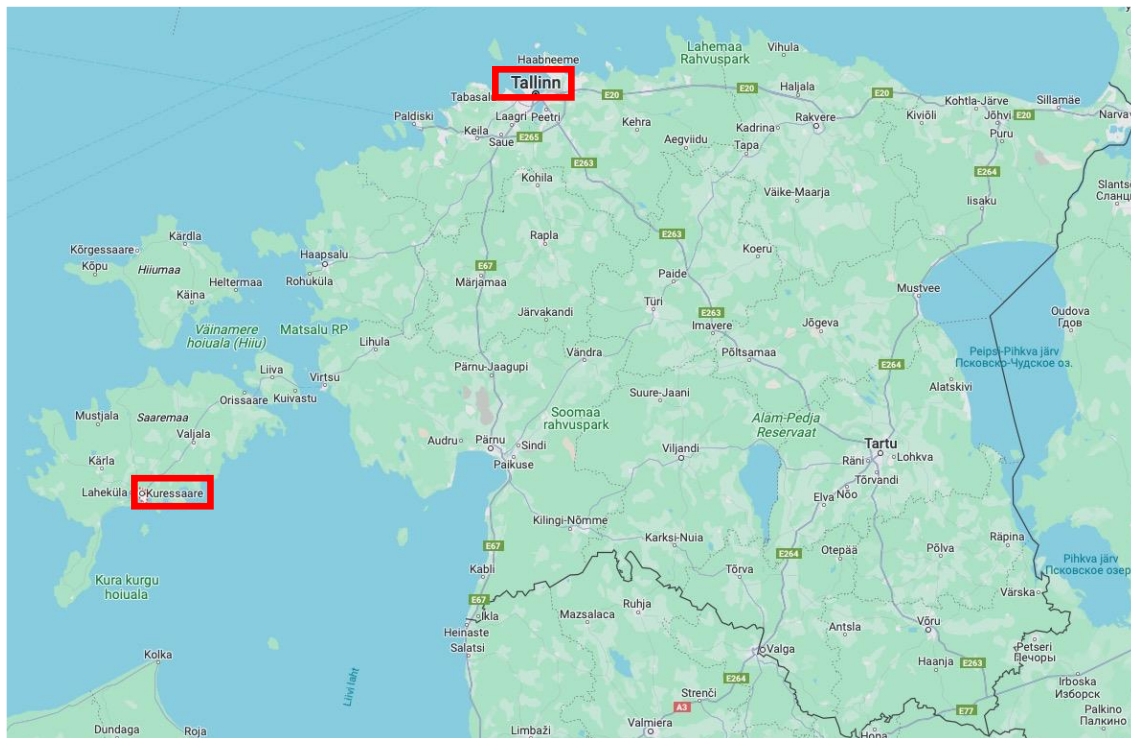
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## September 14, Saturday

8.00-11.00 Breakfast  
12.00 Hotel check-out

### POSITION OF THE CONFERENCE PLACE



Kuressaare in Saaremaa Island and Tallinn (airport TLL) are marked with red boxes.

## COLLECTING SITES

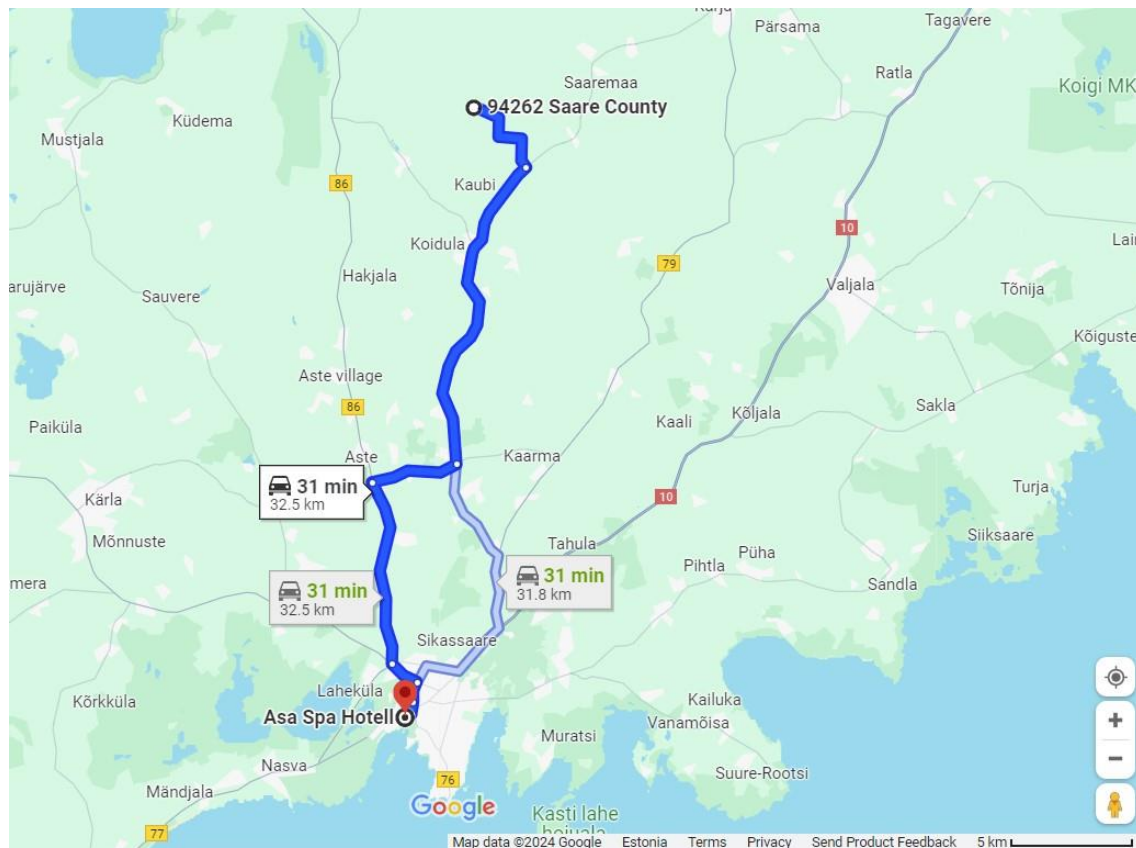
### TÕRISE

**Car parking place:** 58.47543° N, 22.52467° E (58° 28' 31" N, 22° 31' 28" E).

Travel distance by car from the hotel to Tõrise is about 33 km.

Walk 0.5 km along the forest road. The main tree species in the forest is pine (*Pinus sylvestris*), aged 80-110 years; in addition, *Quercus robur* (up to 100-year-old), *Populus tremula*, *Picea abies* and *Betula pendula*.

The protected species *Lactarius chrysorrheus* was found here, so please do register coordinates if you find the species, and let us know.

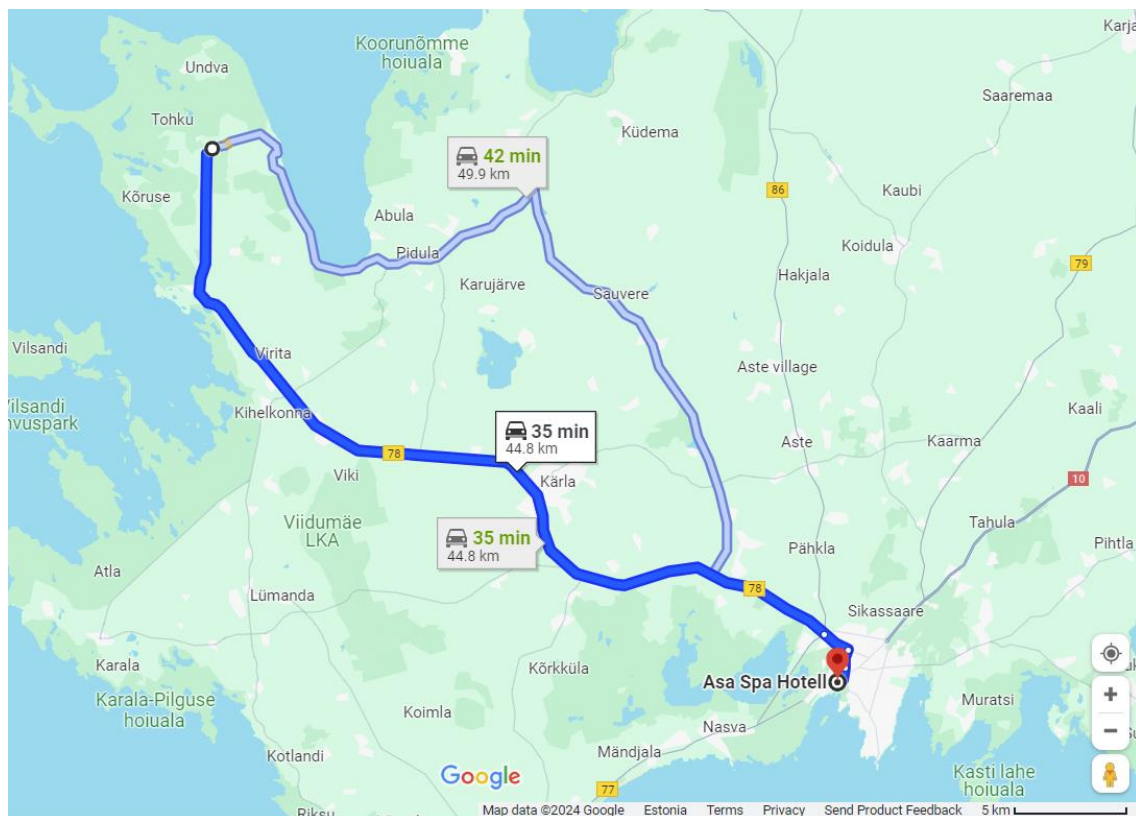


## TAGAMÕISA WOODED MEADOW

**Car parking place:** 58.46352° N, 21.99597° E (58° 27' 48" N, 21° 59' 45" E).

Travel distance by car from the hotel to Tagamõisa is about 45 km.

Tagamõisa wooded meadow is protected area established in 1957 to preserve the largest remaining wooded meadow (133.5 ha) in Saaremaa. Dominant trees are *Betula pendula*, *Quercus robur*, *Tilia cordata*, *Picea abies* and *Pinus sylvestris*; aged from 30 to 80 years (up to 140). Shrubs present are *Corylus avellana*, *Lonicera xylosteum*, *Swida sanguinea*, *Padus avium*, *Frangula alnus* and others.





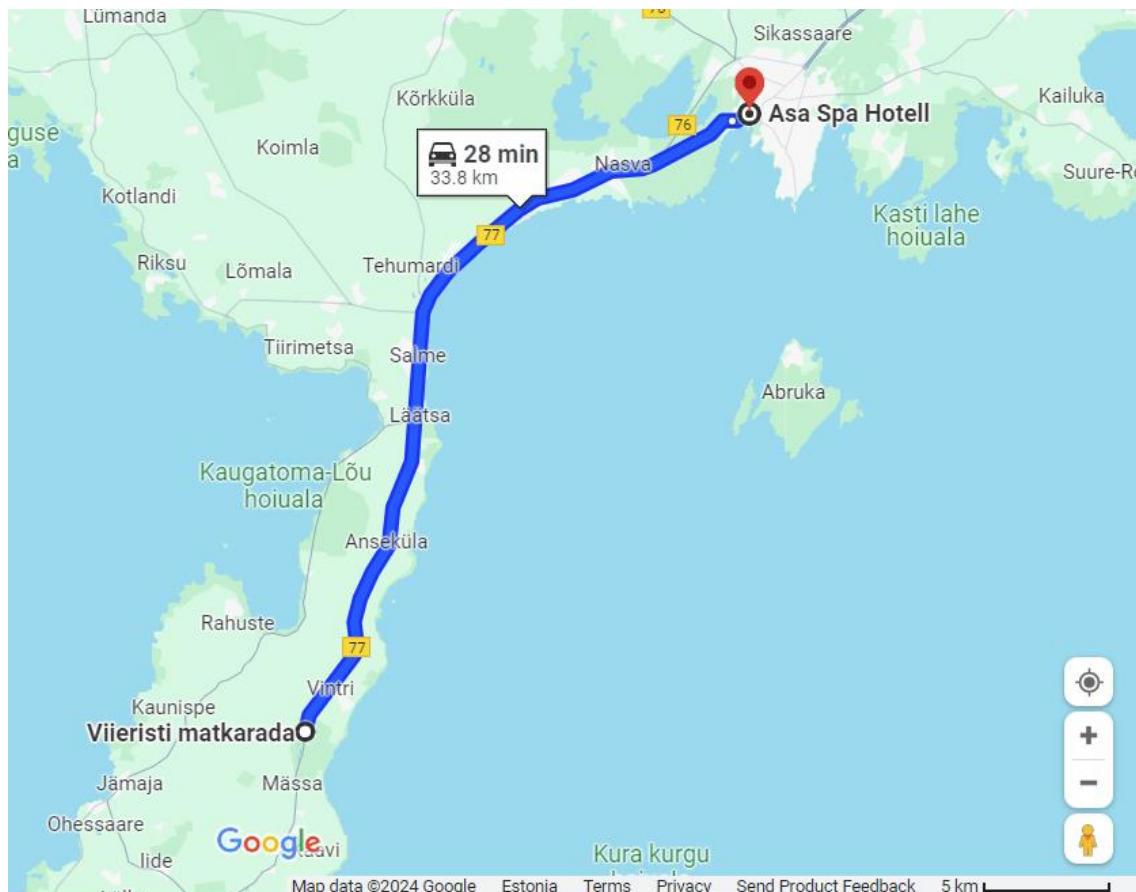
## VIIERISTI NATURE TRAIL, Viieristi Nature Reserve

**Car parking place:** 58.027191° N, 22.172995° E (58° 01' 37" N, 22° 10' 22" E).

Travel distance by car from the hotel to Viieristi is about 34 km. The trail starts by the roadside (follow the sign "RMK matkarada").

The nature trail is located on the Sõrve Heights, passes over forested dunes, through an old natural forest and reaches the Kõrgema Spring, nearby is the Koltse Lake. There are five information boards along the trail. On both sides of the trail is 60–78-year-old forest dominated by *Pinus sylvestris*, with *Betula pendula* and *Picea abies* also present.

Nearby Koltse Lake the woods hold *Betula pendula*, *Populus tremula*, *Fraxinus excelsior*, *Alnus glutinosa* and *Pinus sylvestris*.





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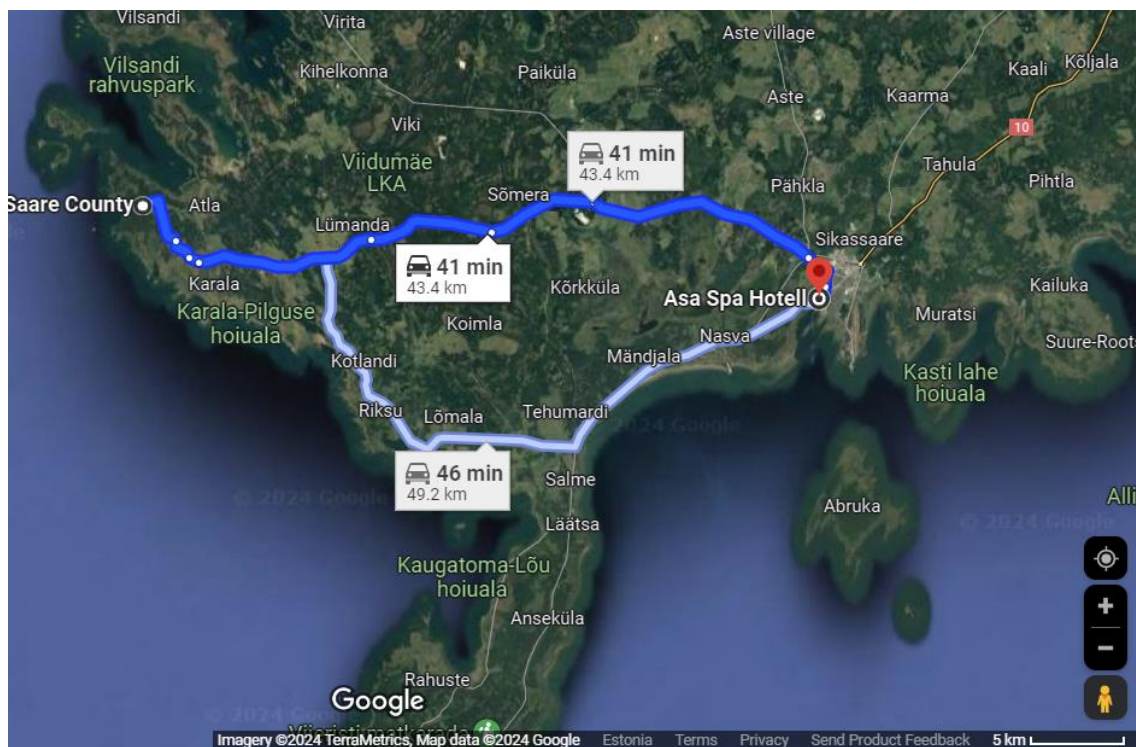


## SOEGININA, Vilsandi National Park

**Car parking place:** 58.29351° N, 21.85844° E (58° 17' 36" N, 21° 51' 30" E).

Travel distance by car from the hotel to Soeginina is about 44 km.

Soeginina is located on the Elda Peninsula, 55–89-year-old forest is dominated by *Betula pendula* and *Tilia cordata*, but *Populus tremula*, *Quercus robur*, *Pinus sylvestris*, *Acer platanoides*, *Fraxinus excelsior* and *Corylus avellana* are also present.



## VEEREMÄE, Kesknõmme Nature Reserve

**Car parking place:** 58.45078° N, 22.05220° E (58° 27' 02" N, 22° 03' 07" E).

Travel distance by car from the hotel to Veeremäe is about 41 km.

The 73–93-year-old forest with *Betula pendula*, *Pinus sylvestris*, *Populus tremula* and *Picea abies*. The Kõlaja bog is surrounded by woodss with *Betula*; also including *Alnus glutinosa*, *Populus tremula*, *Picea abies* and *Pinus sylvestris*.

Near the car stop is the protected Sepise yew (*Taxus baccata*) growing on the bank of the Sepise stream and is the thickest and tallest (trunk circumference of 104 cm, measured at a height of 1.3 m, height 12 m) in Estonia. Coordinates of Sepise yew: N 58.4494° , E 22.050496° (58° 26' 57.84" N, 22° 3' 1.79" E).

