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Community greening initiatives – Public outreach on benefits of climate – resilient greenery

Online seminar «On the Way to More Resilient and Climate-Adaptive Urban Green Spaces in Latvia and Lithuania», 14 May 2026

Linas Daubaras, lecturer, Lietuvos inžinerijos kolegija Higher Education Institution

This material has been produced within the Interreg VI-A Latvia–Lithuania Programme 2021–2027 project "Enhancing Urban Resilience through Climate-Adaptive Green Space Planning in Latvia and Lithuania" UrbanGreenAdapt (LL-00273) with the financial support of the European Union.
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ĄŽUOLYNAS

Area – 84 ha
More than 770 oaks (Quercus robur L.) aged up to 300 years

ĄŽUOLYNAS IN 1939

Some facts about Ąžuolynas

- Historical habitat of Common Oak for thousands of years
- Used for timber production, especially after 1882
- First design of a park in 1937 – 1939 (community demand)
- New design in 1955 by an architect Vladimiras Zubovas and a **dendrologist Bronius Matulionis** – planting Quercus robur, Tilia cordata, Betula pendula, Sorbus aucuparia, Fraxinus excelsior, Picea abies


Natural habitat of
Quercus robur L.

Osmoderma eremita

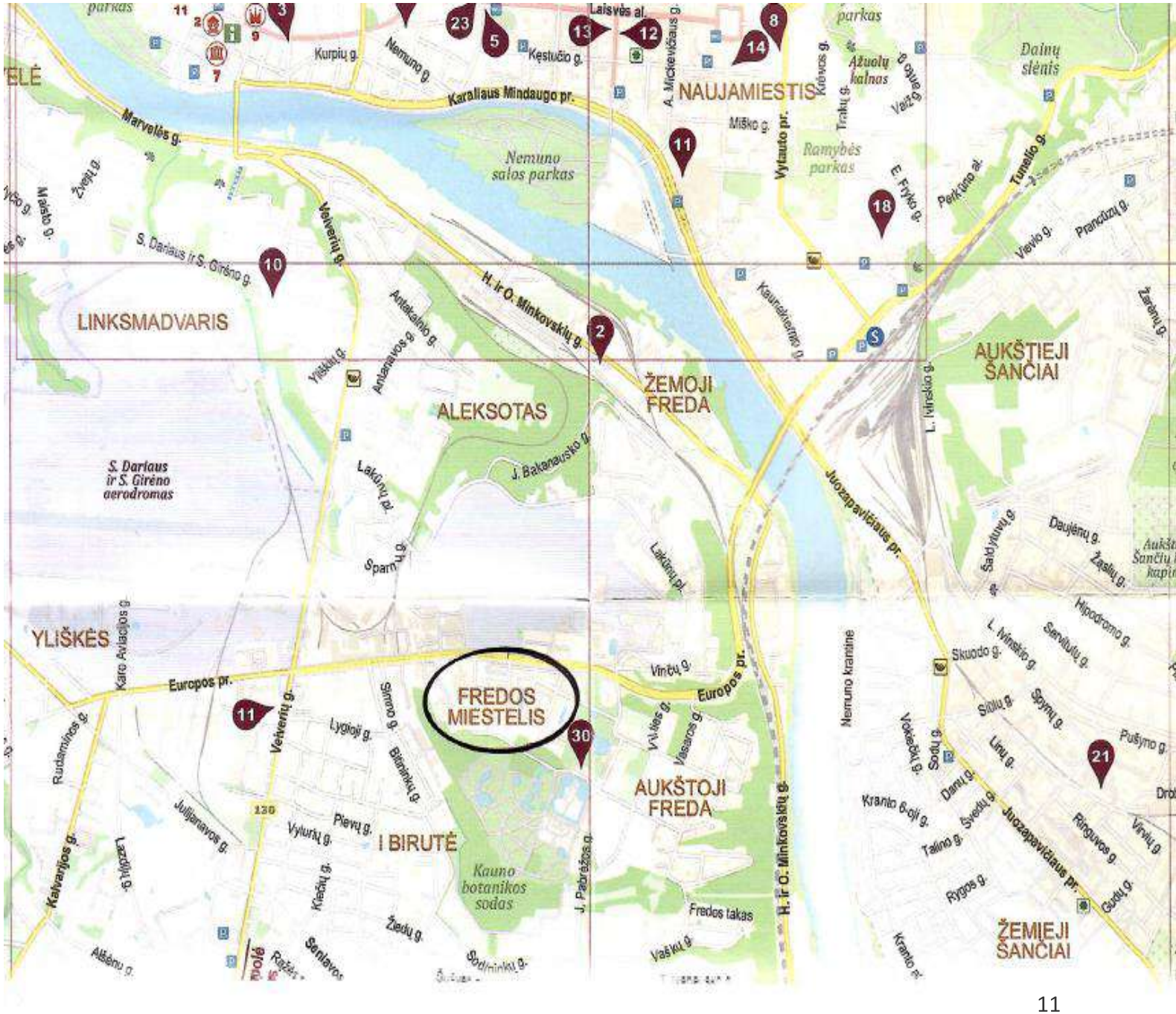
The hermit beetle or Russian leather beetle

Year 2021 – 2023: a plan by Kaunas city municipality to build a parking lot for up to 1950 cars

Legal activities by local and wider communities

Nesting box in the shape of an iconic Modernistic Post Office building

Fredos miestelis residential complex



Original design, 2004 (later changed)

Problems? (mistakes?)

- **Perhaps not enough greenery was originally designed** for such a big complex – total area is 7, 9 ha, approximately 350 families (1000 people):

- Alley of **Quercus robur L. *f. Cupressoides*** - 14
- Alley of **Sorbus intermedia (Ehrh.) Pers.** - 12
- Alley of **Fagus sylvatica L. *f. Purple Fountain*** - 12
- Group (composition) of **Juniperus L. sp**. and **Chamaecyparis Spach sp. –** approx. 20

Community asked to help in covering the houses from busy noisy street, agreed on plant selection, and finally paid for it

- **Tilia platyphyllos Scop.** likes limy soils – and the area of Fredos miestelis was “risen” using limy sand
- More resistant to diseases than Tilia cordata
- Resistant to city pollution
- Back in 2009 the price was 15 litas (4, 34 euro) per unit
- Inventary of 2026: 76 trees are alive out of 76 planted (with no watering system, no fertilizers, almost no maintenance and harsh open public space conditions)

Alley of Tilia platyphyllos in 2010 (planted in 2009)

Facing the challenges of an open public space


Natural habitat of
Tilia platyphyllos
Scop.


Thank you

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