

# PROTECT SECULAR TREES!

Natural  
monuments in  
Botoșani city



# THE TEAM



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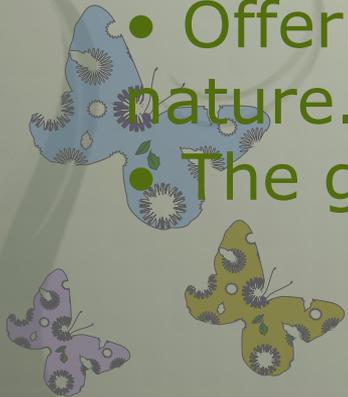
Mighiu Claudia

# What ?

Goal: Locating and henceforth studying the trees in Botosani whom are under environmental protection

Objectives:

- A better and more thorough understanding of our hometown.
- Capitalization of Botosani's vegetation rich areas.
- Offering an incentive for students to protect nature.
- The general observation of the environment.



# How ?



Practically, we did:

- Gathering information
- Locating and shooting the trees next to a colleague
- Measuring circumference
- Calculating and estimating the height and age of trees



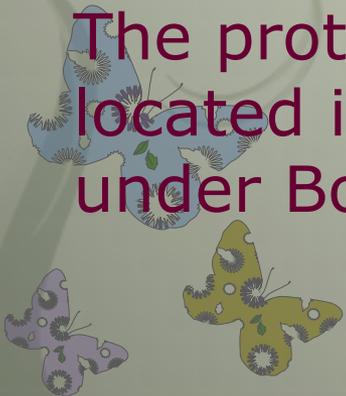
# Populus Nigra / Black poplar / Plopul negru



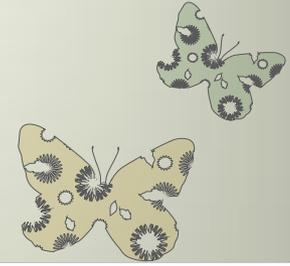
Populus Nigra – general features:

- Located in Central and Eastern Europe
- It has a medium size to large, with a trunk up to 1.5 m in diameter;
- Leaves and shoots glabrous (hairless), bark grey – brown, thick and furrowed;
- It has flowers in catkins and pollination by wind.

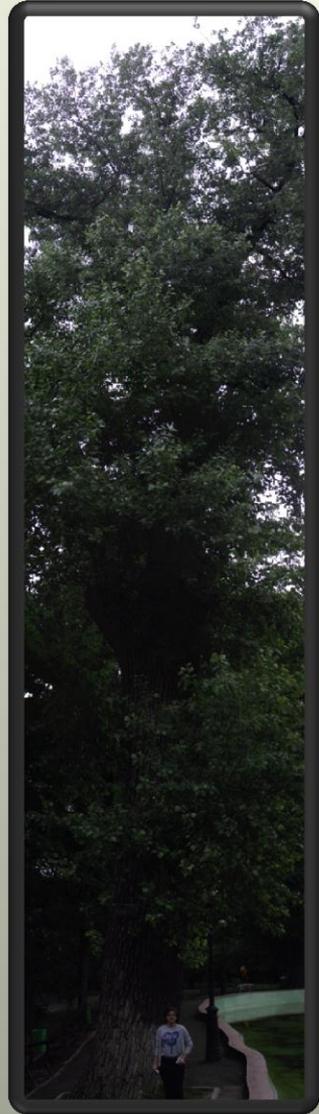
The protected tree Populus Nigra from our city, is located in Central Park “Mihai Eminescu” and it is under Botosani Municipality administration.



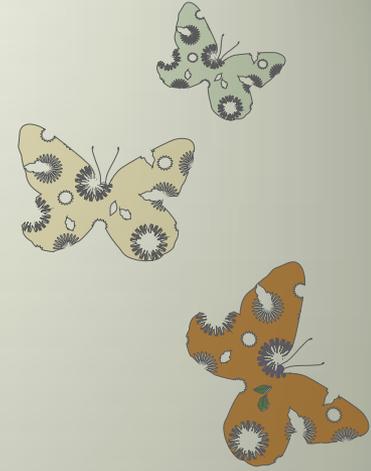
Circumference: 405 cm  
Estimated age: 207 years



Calculated height: 20 m



# Tilia cordata / TEI / Small-leaved Lime



General features:

- Is native in Europe and also in western Asia, but not at high altitudes; it grows up to 20 – 38 m tall, with a trunk up to 1 – 2 m diameter;
- The leaves have a distinctively heart – shape, and the small yellow – green flowers are produced in clusters, and smell wonderful; fruits are like little nuts;
- It is widely grown as an ornamental, but also a valuable mono-floral honey is produced by bees using the trees.

In Botosani, there are many secular Tilia. The following was contemporary with our national poet Mihai Eminescu who lived in 1850 – 1889. It's located in Central Park "Mihai Eminescu", being under municipality supervision.



Circumference: 358 cm  
Estimated age: 380 years



Calculated  
height:  
16 m

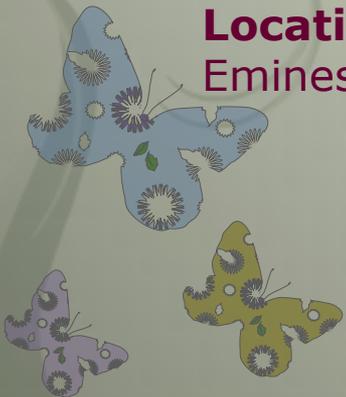


# Quercus Robur / Stejar/ Oak

## General features:

- A long-lived tree, with a large wide spreading crown of rugged branches;
- Within its native range Quercus Robur is valued for its importance to insects and other wildlife, numerous insects live on the leaves, buds, and in the acorns;
- Quercus robur is planted for forestry, and produces a long-lasting and durable heartwood, much in demand for interior and furniture work; Also it's cultivated as an ornamental tree in gardens and parks and in arboreta and botanical gardens.

**Location:** The protected secular oak located in Central Park "Mihai Eminescu" is one of the oldest tree from Botosani.



Calculated  
height:  
30 m

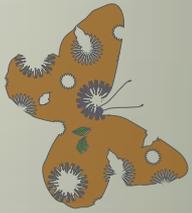


**Circumference:**

740 cm

**Estimated age:**

470 years



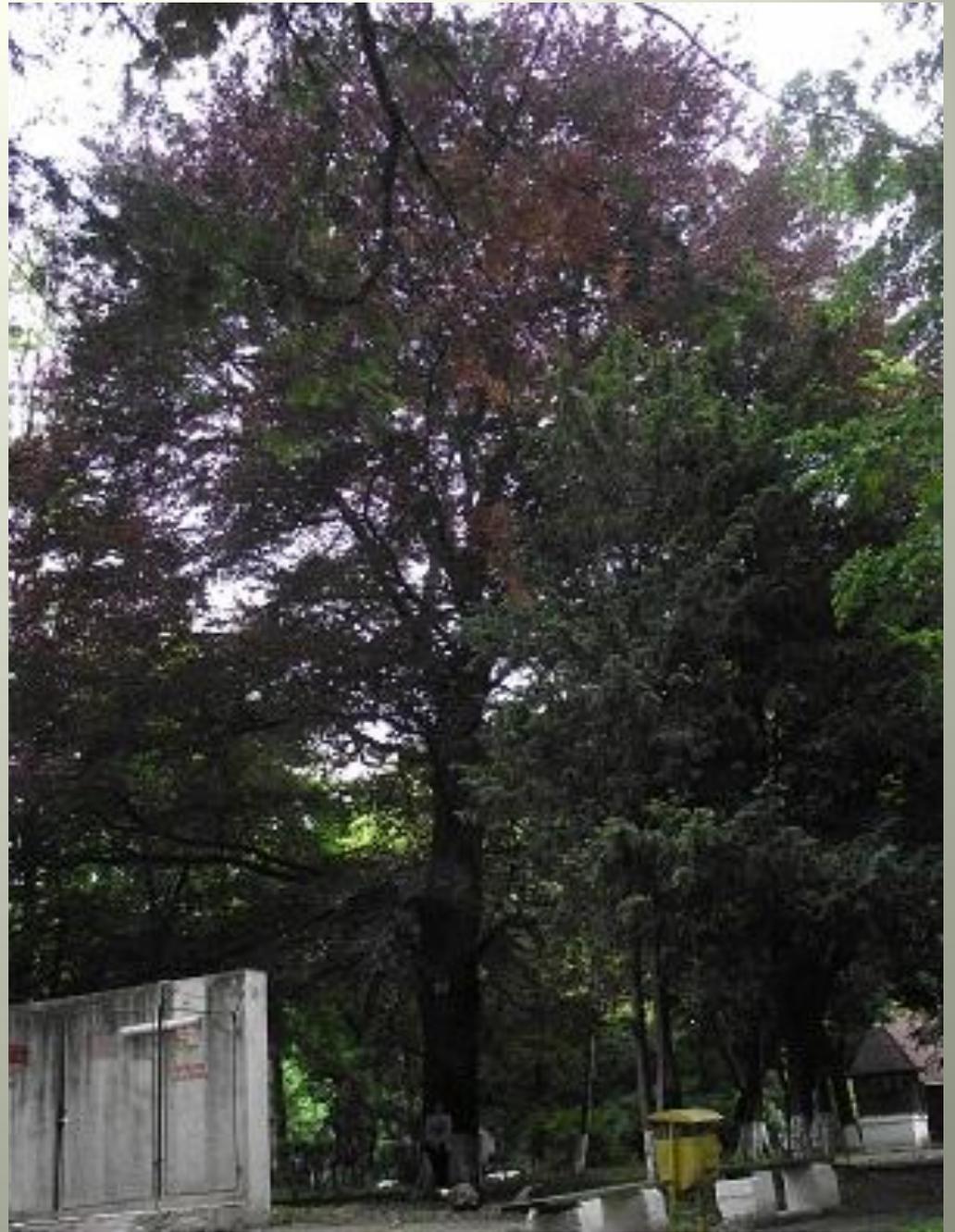


# Silver spruce



# Magnolia Liliiflora in flowers





**Fagus Sylvatica**



# Pinus Sylvatica



# Oak

