



Erasmus+

Project: "For the Love of Nature: Explore and Discover Europe through Nature"

Number: 2020-1-1LT01-KA229-077991

RESEARCH ON PERSONAL AND AIR POLLUTION

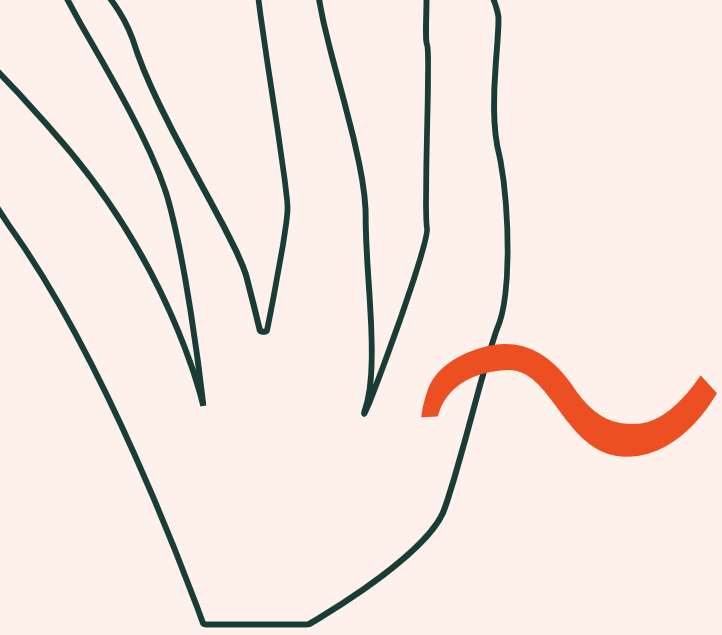


Environmental monitoring of personal and air pollution was carried out. Student research groups recorded various cases and noted what harm was done. The project partners prepared material with enclosed photos (car pollution, garbage sorting violations, etc.).

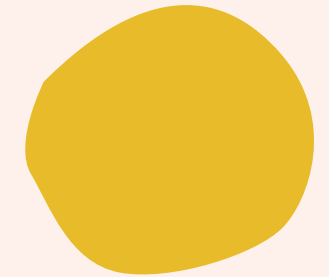


The garages area and oils under car wheels





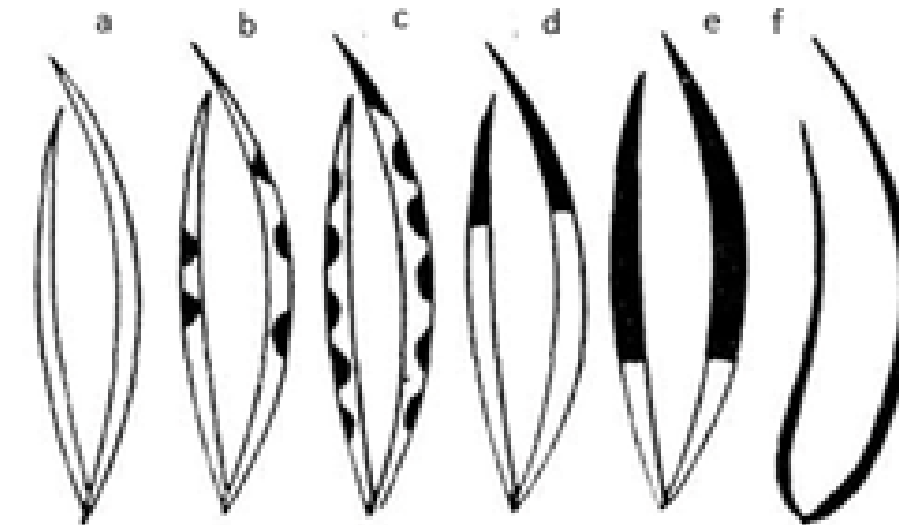
Method: When performing this kind of work, we adhered to the bioindication method, when the response of a biological object to environmental influences is assessed. Pines are very good indicators, as their external signs show changes in the environment.



Air pollution



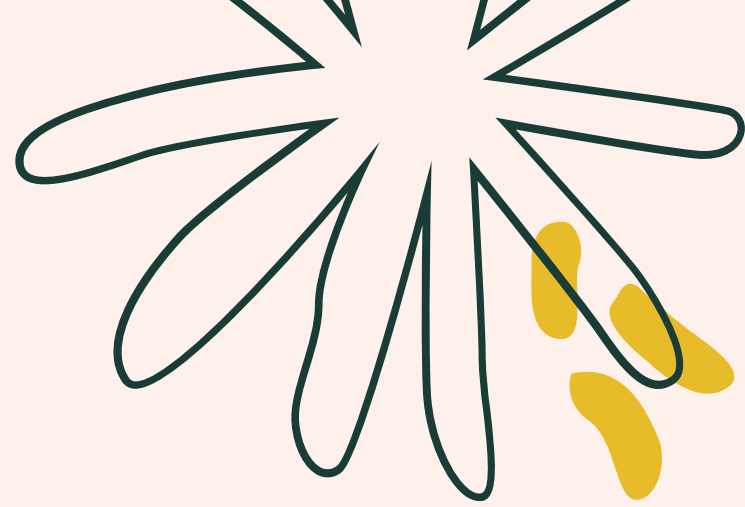
Types of damage and drying of needles can be as follows:



Pic. Types of damage and drying of needles:

- a - needles without spots, no dry areas
- b - needles with a small number of small spots, no dry areas
- c - needles with a large number of spots, the tip has shrunk 2-5 mm
- d - a third of the needles have dried up
- e - more than half of the length of the needles has shrunk
- f - all needles are yellow and dry

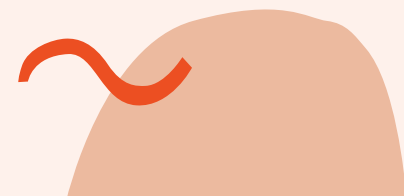




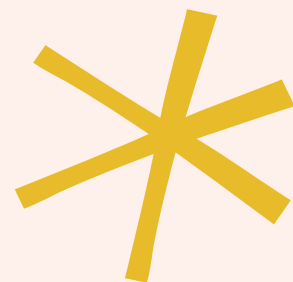
My design specialties



A pine's needles in different parts (areas) of the town hasn't got damage, they're healthy. There are many lichens on the trees and bushes' trunks. Thus, we came into a conclusion that the air is rather clean.



BAD HABITS TREE





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It's a summative presentation. The studies were carried out by students of three school partners, and the results were presented during the team's mobility in Estonia. As a result of this activity, the students prepared a tree of bad habits.