

BOTANICAL GARDES AT OULU UNIVERSITY
GREENHOUSES
Exercise II

GREENHOUSE ROMEO

1. We enter the tropical rainforest. Look around first. Then close your eyes for a moment and stand still completely quiet.

a.) What does the rainforest feel and smell like?

b.) What kind of sounds would you hear in a rainforest (in a place like this)?

2. Lets start the round and go for left first. Can you see the small pond?

a.) On the water surface lives a tiny plant.

What is it? _____

b.) There is also a plant in the water, which looks like this.

That is _____

Why do you think this plant has been a crop for at least 5000

years? _____



3. It looks like there are other plants here that are useful to humans. Try to find as many of those as you can during the rest of the time.

a.) Underline those you have used your self.

b) Count how many you got!

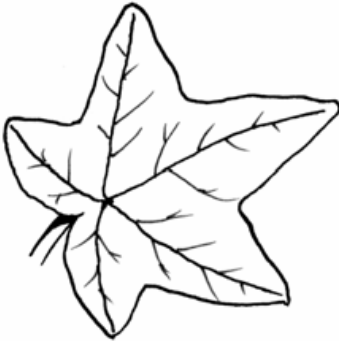


I found _____ useful plant

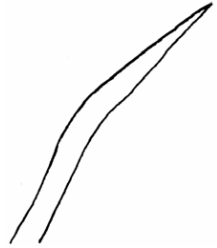
GREENHOUSE JULIA

4. I drew you different kinds of leaves, but I forgot to name them. Thankfully, somebody has attached nametags on them. Not all the plants have a Finnish name, only the Latin name.

- a.) Try to find the right names for the leaves.
- b.) Two leaves are also lacking their veins. Draw them.







5. The next door leads to a room, where you can find a chunky and spiky crowd. These plants are originally from dry areas. They can store water in their cells and that is why they look chunky in every way. This kind of plants are succulents.

a.) What is this succulent? _____

Why is it good for the plant to look so exceptional?



b.) Cactuses' leaves have changed to spikes and the plant is benefitting from this: spikes protect the plant from herbivores and from too much sun light.

Examine the cactuses, what is interesting about them in your opinion? _____

Draw a picture of a cactus:

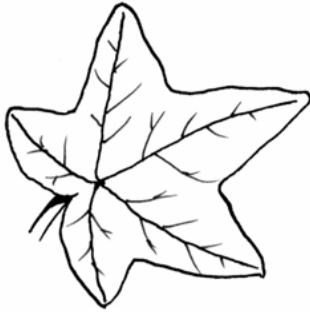
Answers:

2.a) Vesilinski, *Wolffia arrhiz*, **spotless watermeal** or **rootless duckweed**

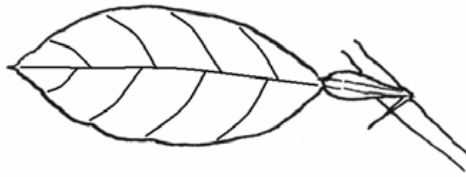
b.) Rice, it is a very important food plant

3. Example: banana, pineapple orange, pepper, avocado, mandarin, apricot, tea-bush, vanilla...

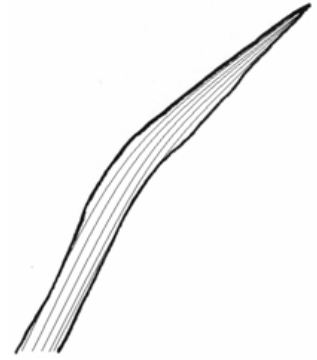
4.



MURATTI
Hedera, ivy



MANDARIINI (or some other citrus)
Citrus reticulata, mandarin



Dietes vegeta

5.a) Because it looks like a small rock, animals do not eat it or even see it.