

# A FOREST ARCHIVE

Collection of vases representing forest diversity



*Collection of vases using different types of mycelium and tree residues to reflect on the diversity and uniqueness in forests.*

This project is the result of an emerging materials explorations, with a speculative design approach and storytelling.

A collection of vases representing a fascinating forest, merging the similarities between trees and mycelium: an infinite network of branches, each organism being unique in its own form and growth.

The product is made of a substrate Dinesen's wood residues (saw dust and bark) with selected mycelium species (Pleurotus Ostreatus, Lentinula edodes, etc.). Moulded in two halves and later put together using mycelium bio-welding.



Areas of materials involved.



Feasibility of the idea.

CONCEPTUAL



READY-TO-MARKET

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Juraj Tomaic  
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# SKOVIT

## Multisensory aquavit bottle to celebrate pine wood



*Aquavit that through taste and touch transports you to the under-brush. Its second skin, fed off the tree's remnants, honours the pine in every part and keeps the liqueur fresh.*

When a tree falls, nothing can be wasted. We started with Dienesen's desire to use every part of the tree and extended the concept not only to the woodworking residues, but also to the leaves, bark and roots. These parts provide a perfect substrate for the growth of mycelium, which thrives on the remains and gives them new life and use. Doing this, Skovit wants to embody the whole tree and offer its essence by making people taste it at 360°.



### Areas of materials involved.



### Feasibility of the idea.



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# RECOSSYSTEM

## Mycelium hotel to shelter birds, insects and organisms

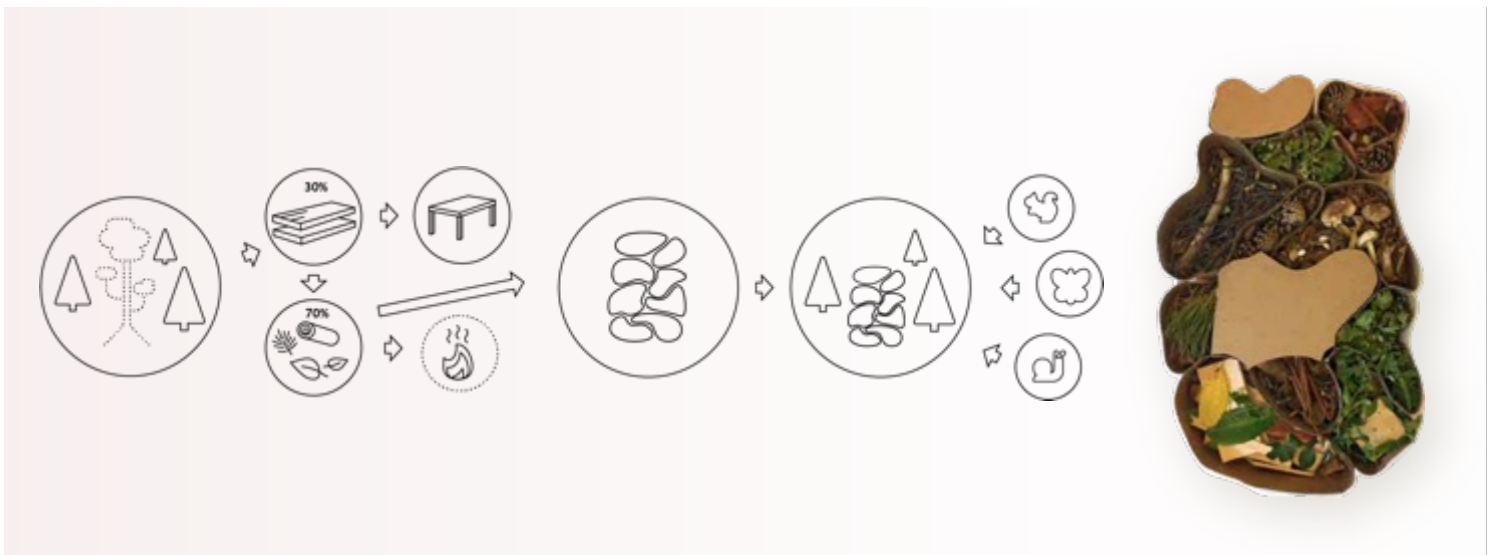


*A tree is an ecosystem in itself, full of all kinds of living creatures. When a tree is removed from a forest, it leaves a empty place in the ecosystem.  
Could we replace the tree?*

Recosystem is an insect hotel made of residue materials from the tree and mycelium. It hosts the ecosystem living on a tree, giving temporary shelter to insects, birds and other living organisms.

Mycelium is an attractor for pollinator insects. Tree residues are great materials for insect hotels. This way the installation would also help to regenerate the ecosystem where the tree has been grown.

It is also a potential product for gardens or public parks where pollinators could find a home.



### Areas of materials involved.



### Feasibility of the idea.

CONCEPTUAL



READY-TO-MARKET

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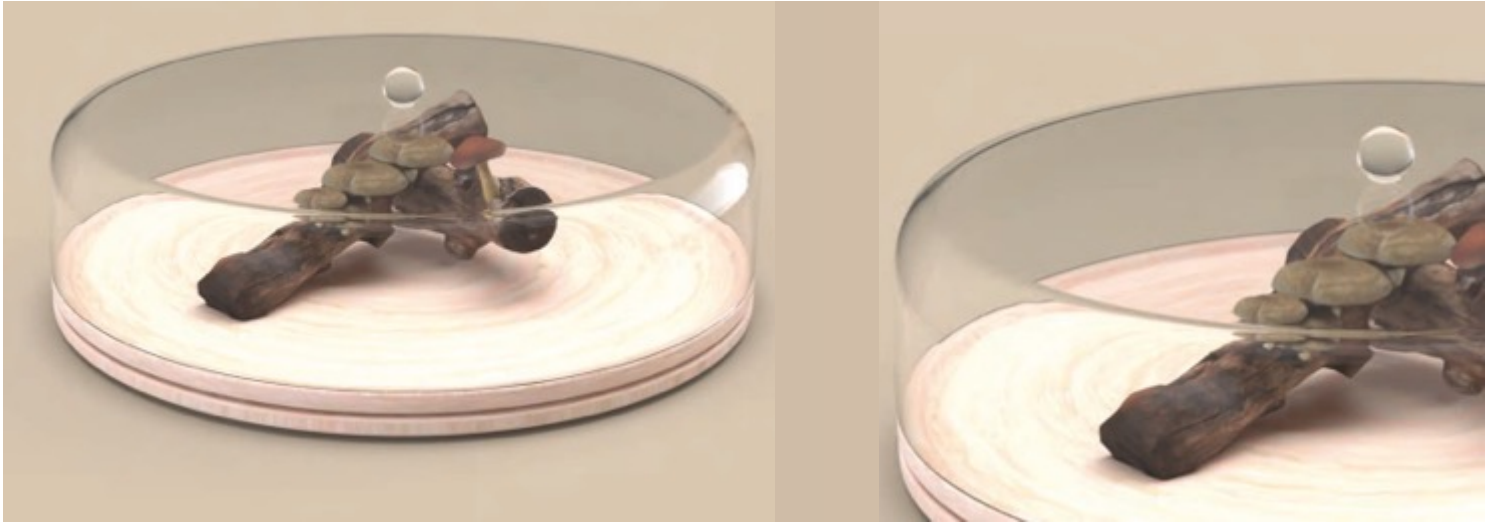
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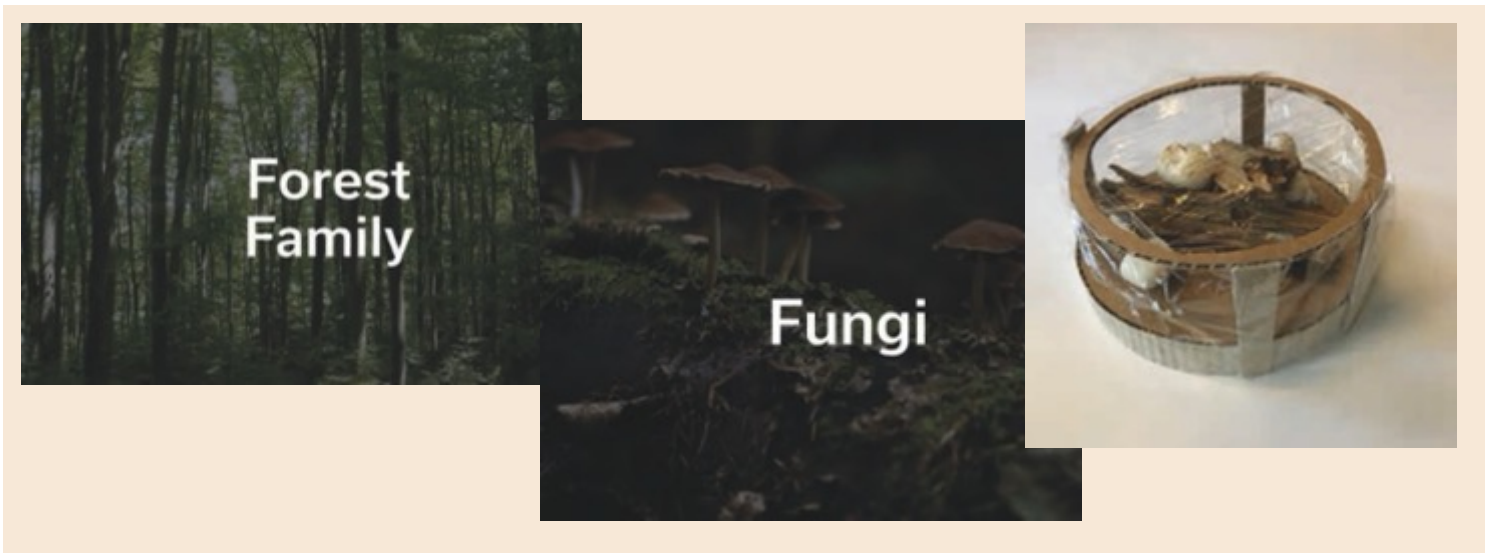
# THE CENTERTABLE

Growing centrepiece for family home



*Revisiting of the traditional centrepiece to become a celebration of the importance that mushrooms have in our existence, thanks to the exploitation of wood waste.*

The Centertable provides an ideal structure to allow mushrooms and fungi to have controlled growth. The wood-base structure provides a constant and gentle airflow necessary for the growth, while the glass-top allows the light to pass through and also makes it possible to observe the mushrooms taking shape. Inspired by the conception of the forest as a huge family and according to the type and shape of the wood-waste, fungi will grow in different shapes creating unique compositions, as a symbol of the unique complex web of relations among a family.



Areas of materials involved.



Feasibility of the idea.

CONCEPTUAL



READY-TO-MARKET

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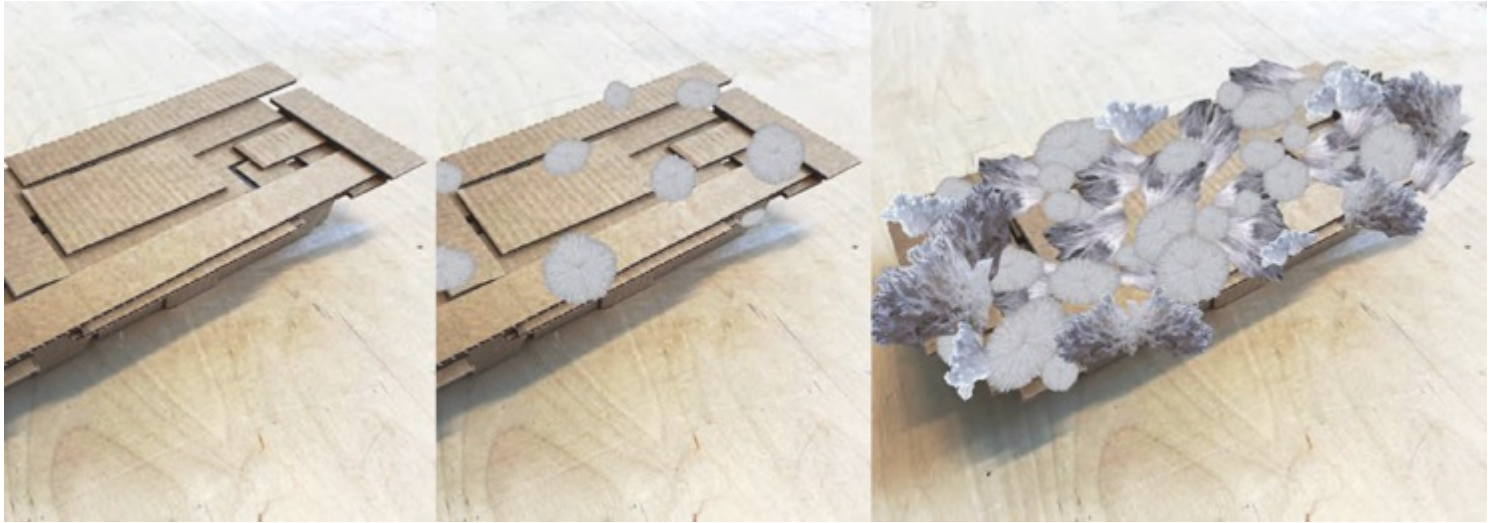
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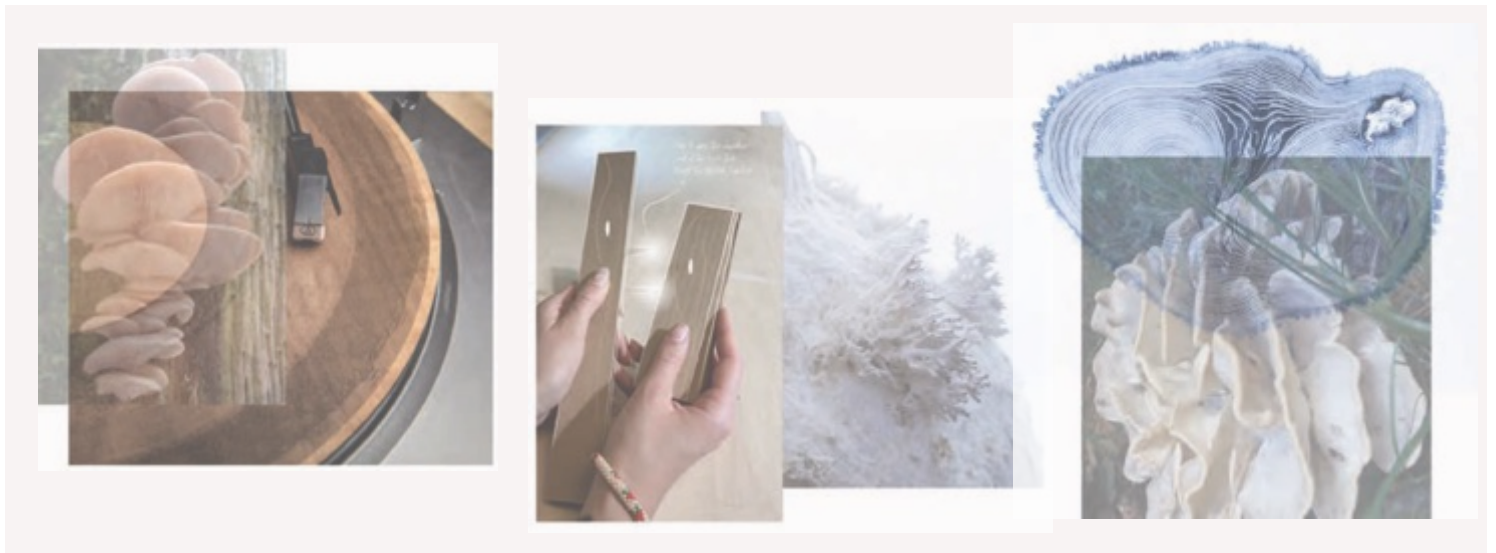
# UNDER THE FOREST

Growing furniture with multisensory stimulation



*Under the Forest is a growing furniture piece expanding the sensory horizon within the object itself is perceived: touch and sight are expanded in time, while the dimension of sound is introduced.*

The idea is a furniture piece made out of wood residues, connected with mycelium, which will grow over time, covering the whole piece and forming a connection between wood and fungi. An even more natural cue is to let the table grow directly in the Black Forest, as mycelium is likely to spread much better in its natural habitat and surroundings. Every piece of furniture made will have its own soundtrack, as the bio-electrical sounds made along the fungus growing process will be recorded on a vinyl, made from wooden waste material and then carved with a laser cutter.



Areas of materials involved.



Feasibility of the idea.

CONCEPTUAL



READY-TO-MARKET

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