

PORTFOLIO 2021

RHIZOMES

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INTRODUCTION

'Rhizomes' grew out of curiosity about the underground and interaction with the natural environment. In experiments, I tried to influence plants and their root growth with different means, such as the arrangement of seeds, the plant species, density, minerals, materials, surfaces and shapes and got to know their behavior in this way.

The experimental approach also inspired questions about why the plants behaved this way. Through an experiment to have roots thread pearls, I found a way to grow roots with as little soil as possible, so that a relatively soilless material was created.

CURRICULUM VITAE

EDUCATION

since 04/2019

Loughborough University

PhD Studies, Design

09/2017-2018

Royal College of Art

Master of Research (MRes), Design Research

Thesis: The Process of Choice Under Uncertainty: Heuristics and Biases in Procedures of Sustainable Consumption

10/2015-09/2016

Polytechnic University of Milan

Study Abroad (Industrial Design)

10/2013-09/2017

Bauhaus University Weimar

Bachelor of Fine Arts (BFA), Product Design

Thesis: Root system: Growing Materials

09/2010-07/2011

Trek North High

High School, Year Abroad

2005-2013

Gymnasium Würselen

High School

WORK EXPERIENCE

02/2016-07/2016

Deepdesign (Raffaella Mangiarotti)

Internship in Interior/ Product/ Exhibition Design

09/2014-2017

Bauhaus University Weimar

Bauhaus-Walk Tourguide

EXHIBITIONS

01/2020-03/2020

House of Electronic Arts Basel

'Making Fashion Sense', Exhibits: gowns, material sample

09/2019

Ars Electronica

'Shared Habitats', Exhibits: skirts, video of gowns worn and in movement

05/2019-07/2019

MO Museum

'Shared Habitats', Exhibits: skirts, video of gowns

11/2017

National Kaohsiung Normal University

'Shared Habitats', Exhibits: Photos of Experiments, gown, material probes

10/2017

Dutch Design Week

'Designing Sustainable Interventions by Bauhaus Universität Weimar', Exhibits: gown, material probes, photos

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1. Initial Root Dresses and Shapes (2016-2017)

In the following part, I show clothes grown from plant roots and how they grew.



Small Root-Jacket
Photo: Freya Probst



Plants in Pattern-Form
Photo: Freya Probst



Grown Jacket - Open and Closed
Photo: Freya Probst



Root-Jacket
Photo: Freya Probst



Root-Dress
Photo: Freya Probst



Root-Dress Close-Up
Photo: Freya Probst

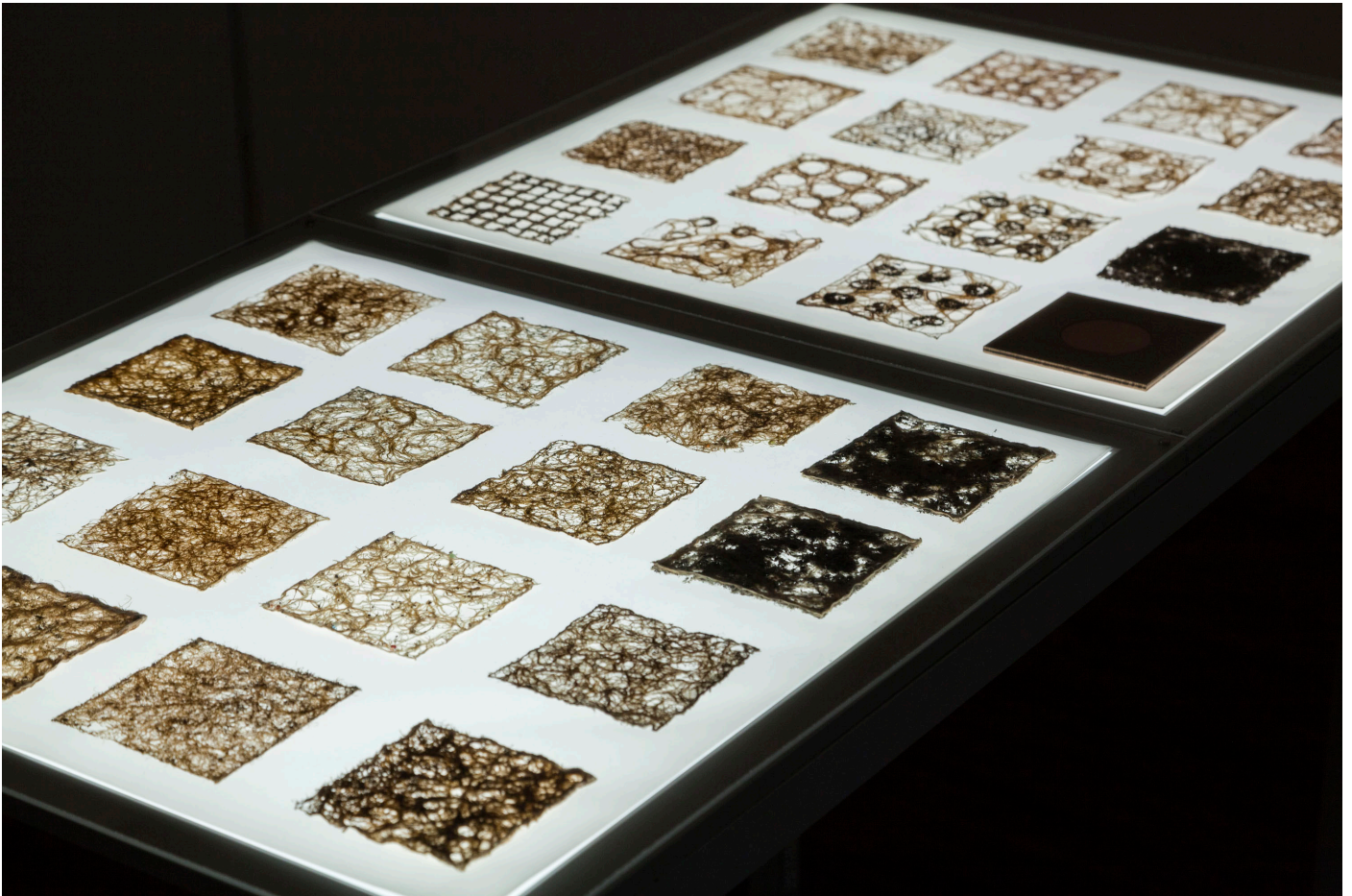
2. Exhibition Kaohsiung 'Shared Habitats' (2017)

In the exhibition 'Shared Habitats' in Taiwan, I showed photographs of experiments with a variety of plant species, which informed the method of growing the larger gowns.



Rootdress and Photographs from Experiments
Photo: Christian Doeller

Furthermore, material samples of different experiments were presented.



Grown Samples of Plant Roots
Photo: Christian Doeller

3. Exhibition Vilnius, 'Shared Habitats' (2019)

In Vilnius (Lithuania) I experimented with growing a larger form, a skirt with the diameter of 1,80 metres. Furthermore, I found a way to increase the density and therefore showed another version.



Rootskirt

Photo: Rytis Seskaitis



Two Root-Skirts with different Densities
Photo: Rytis Seskaitis

4. Exhibition Basel, 'Making Fashion Sense' (2020)

*In the dresses presented at the House of Electronic Arts Basel
I experimented with seeds that have naturally colorful root
systems.*



Three Root Dresses
Photo: Freya Probst



Three Root Dresses Close-Up
Photo: Freya Probst

