**Sangosanya & Pistofidou 2023, supp data**

**Supplementary Data 1: complete list of questions and answers asked during the survey.**

Surveyed people were given the non-dyed composite mycelium sample, then the dyed one.

Une image contenant diagramme, capture d’écran, texte, cercle

Description générée automatiquement

Une image contenant texte, capture d’écran, diagramme, Police

Description générée automatiquement

Une image contenant texte, capture d’écran, diagramme

Description générée automatiquement

**What does this material remind you of?**

* Wounds crust
* Nothing
* Cork
* Insulation material for architechture. Mycelium pavillon
* Something to eat like roti bread (touch wise, thickness, and flexibility)
* Kombucha leather, moist leather, pressed flowers
* Plastic, leather, textile
* Indigo, leather, bougainviller,
* Plastic leather, dry chewing gum, dry glue, something with wax, peach skin

**How does it feel like (touch, texture, flexibility, thickness...)?**

* Pleasant texture, kind of rigid but seems comfortable, good temperature (not too hot), brittle
* Fragile
* Plastic rubber/leather. Flexible but not resistant.
* Thinner than usual leather (very thin), flexible but fragile, inconsistent (more textile feels stronger), very soft, waterproof
* A bit sticky, soft, fragile
* Suede, environmentally friendly leather for handbags or suede shoes or glasses case (Rayban), subtle texture, petite
* Softer than it looks, flexible, heterogeneous
* Brittle, soothing texture, feels edible (not look), thin, non-porous (protective) light
* Non-woven tablecloth, tree, mix of textures, sustainability, water repellant
* Wet, smooth, organic, sticky, pleasant to touch like silicone, not perfect, rubbery
* Soft but not flexible enough (brittle). Feels good. It shows from the looks that it is natural.
* Very solid leaf texture, fragile, irregular

Une image contenant texte, capture d’écran, Police, ligne

Description générée automatiquement

Une image contenant texte, capture d’écran, cercle, diagramme

Description générée automatiquement

**Comments on the dyed vs not dyed material? Preferences?**

* Prefers the natural one, black one seems too fragile, likes the black but prefers the mix of colors, likes the temperature, feels like mixed soil
* Black one looks more pleasant and looks more industrial. But the other one looks more unique.
* Leathery because of the uniformity of the color. Likes the look of it but scary (reflection of light. Natural is more interesting to look at.
* Smells the same, would go for wearing something made from the black one (trust).
* Shinier, snakeskin texture. Prefers natural one
* Dyed sample looks good and is shiny. Similar texture.
* Feels moister, sweat, feels more alive than the natural one, layer of paint makes it feel more even, feels heavier. Prefers the natural one.
* The black one looks more like used leather or shoe sole because of the uniform color, the non-uniform one looks more organic with the threads looking like veins.
* Prefers the black one because it is black, feels oily and a bit like tar, the two sides are very different in touch and reflection
* More appealing when it is with a uniform color. Feels good

**Supplementary data 2 : hyphal colonization area as function of time.**

A graph of a number of people

Description automatically generated with medium confidence

**Supp data 3 : Mycelium growth: petri dishes pictures.**

**Table S3.1**: Condition 1: Denim.

|  |  |  |
| --- | --- | --- |
| Day | Replicate 1 | Replicate 2 |
| Day 0 |  |  |
| Day 7 |  |  |
| Day21 |  |  |

**Table S3.2**. Condition 2: Denim textile waste and coffee grounds.

|  |  |  |
| --- | --- | --- |
| Day | Replicate 1 | Replicate 2 |
| Day 0 |  |  |
| Day 7 |  |  |
| Day 21 |  |  |
| Day 56 |  |  |

**Table S3.3**. Condition 3: Denim textile waste, food waste and coffee grounds.

|  |  |  |
| --- | --- | --- |
| Day | Replicate 1 | Replicate 2 |
| Day 0 |  |  |
| Day7 |  |  |
| Day  25 |  |  |

**Table S3.4.** Condition 4: synthetic textile waste.

|  |  |  |
| --- | --- | --- |
| Day | Replicate 1 | Replicate 2 |
| Day0 | A petri dish with a petri dish filled with fur  Description automatically generated | A petri dish with a petri dish filled with brown and black fibers  Description automatically generated |
| Day7 | A petri dish with a brown and white object  Description automatically generated with medium confidence | A petri dish with a pile of fur  Description automatically generated |
| Day21 | A petri dish with a petri dish with a petri dish with a petri dish with a petri dish with a petri dish with a petri dish with a petri dish  Description automatically generated | A petri dish with a substance in it  Description automatically generated |

**Table S3.5. Condition 5:**  Synthetic textile waste and coffee grounds.

|  |  |  |
| --- | --- | --- |
| Day | Replicate 1 | Replicate 2 |
| Day 0 |  |  |
| Day 7 |  |  |
| Day21 |  |  |

**Table S3.6.** Condition 6: Synthetic textile waste, food waste and coffee grounds.

|  |  |  |
| --- | --- | --- |
| Day | Replicate 1 | Replicate 2 |
| Day 0 | A glass container with brown leaves  Description automatically generated with medium confidence | A petri dish with brown and black plants  Description automatically generated |
| Day 7 | A close-up of a petri dish  Description automatically generated | A petri dish with plants in it  Description automatically generated |
| Day25 | A petri dish with white and brown mold  Description automatically generated | A round plastic container with brown and white objects in it  Description automatically generated |