STUDY OF ACTORS AND USE

WALDLABOR HUB
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THE SEEDLING

CATEGORIES OF ACTORS

FORESTERS | WALKERS | CHILDREN/FAMILIES | SPORTLER

RESEARCH QUESTION

WHICH DIFFERENT ACTORS INTERACT WITH THE SEEDLING
IN WHICH DIFFERENT WAYS?

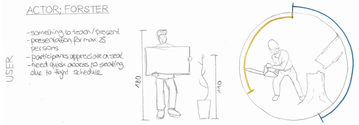
FIVE SENTENCES

THIS RESEARCH AIMS TO ANALYSE HOW DIFFERENT GROUPS INTERACT WITH THE FOREST, SPECIFICALLY FOCUSING ON THEIR INTERACTIONS WITH THE SEEDLING. THE ACTORS ARE CATEGORIZED INTO FOUR GROUPS: FORESTERS, WALKERS/CHILDREN/FAMILIES AND SPORTLER. THE OBJECTIVES OF IDENTIFYING THE MOST EFFECTIVE INTERACTIONS WAS ACHIEVED THROUGH A RANKING SYSTEM, WHICH CLEARLY HIGHLIGHTS THE BEST OPTIONS. AS A RESULT OF THIS RESEARCH, THE ADAPTATION OF THE SEEDLING TO ITS ENVIRONMENT WAS ENHANCED.

ACTOR: FORSTER

USER

- something to teach / personal presentation for new 25 persons
- participants appreciate a break
- need quick access to seeding due to tight schedule



ANALYSE

should have something for the pots to analyze them better

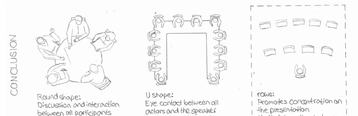
plants have optimal light on the roof

hanging up presentation sheets → takes a lot of time

presentation folder, ideal for changing locations
→ when they get old they no longer stand on their own

FORMS OF INSTRUCTION

CONCLUSION

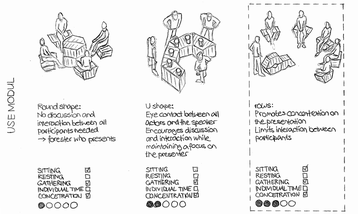


Round shape:
Discussion and interaction between all participants
Sense of equality and community
Eye contact between all actors

U shape:
Eye contact between all actors and the speaker
Encourages discussion and interaction while maintaining a focus on the presenter

rows:
Promotes concentration on the presentation
Limits interaction between participants

USE MODUL



Round shape:
No discussion and interaction between all participants needed
→ forester with persons

SITTING ☒
RESTING ☐
GATHERING ☐
INDIVIDUAL TIME ☐
CONCENTRATION ☒

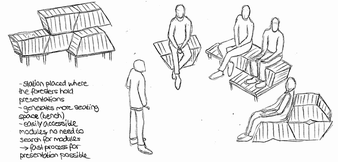
U shape:
Eye contact between all actors and the speaker
Encourages discussion and interaction while maintaining a focus on the presenter

SITTING ☒
RESTING ☐
GATHERING ☒
INDIVIDUAL TIME ☒
CONCENTRATION ☒

rows:
Promotes concentration on the presentation
Limits interaction between participants

SITTING ☒
RESTING ☐
GATHERING ☐
INDIVIDUAL TIME ☒
CONCENTRATION ☒

USE MODUL + STATION



- station placed where the foresters hold presentations
- synergies with seeding space (lunch)
- easily accessible, modules, no need to search for modules
→ fast access for presentation timeline

ACTOR: WALKER

USER

- something fast on how to keep the official seeing guidelines clean
- quiet to sleep and consumed

ANALYSE

LINEAR

Shared perspective or line of vision
→ express interest, attention or relaxation through posture.

sit together without necessarily interacting directly with each others

MOBILE

- flexible and adaptable useful support different room configurations and activities
- active participation and design of the seeing area by moving the chair
→ seeking location, movement and interactions freely custom table.

MODULAR

- multifunctional use, such as chair, desk, stage, partition...
→ needs system to attach modules → plug-in principle
→ modules raise, needs clean seating surface.

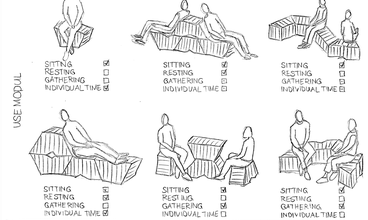
CONCLUSION

- cube adaptable on all sides
- few variants possible
- every surface, gets dirty

innovative seating surface
- position that it gets lost
- question where it is placed
- with arrangement we orients are possible.

artificial seating surface keeps clean because of shape even with rotation.

USE MODUL



SITTING ☒
RESTING ☒
GATHERING ☒
INDIVIDUAL TIME ☒

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USE MODUL + STATION

SITTING ☒
RESTING ☒
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SITTING ☒
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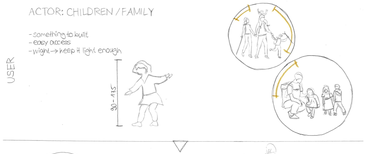
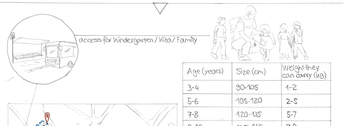
ACTOR: CHILDREN / FAMILY

USER

- something to kick
- easy access
- weight → keep it light enough

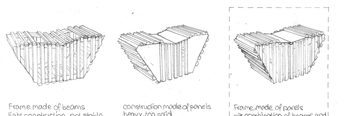


ANALYSE



Age (years)	Size (cm)	Weight they can carry (kg)
3-4	80-105	1-2
5-6	105-120	2-5
7-8	120-135	5-7
9-10	135-145	7-9
11-12	145-155	9-11
13-14	155-165	11-13
15-16	165-175	13-15

CONCLUSION

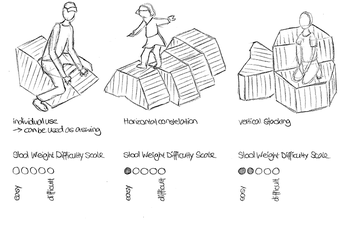


Frame made of beams
light construction, not stable enough.

construction made of panels
heavy, too solid
bulky, not good as design

Frame made of panels
→ combination of beams and panels, lighter construction.

USE MODUL



individual use
→ can be used as cushion

Stool Weight Difficulty Scale
easy — difficult

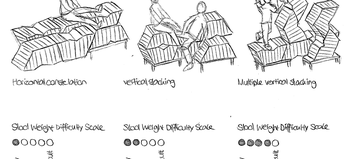
Horizontal congestion

Stool Weight Difficulty Scale
easy — difficult

vertical stacking

Stool Weight Difficulty Scale
easy — difficult

USE MODUL + STATION



Horizontal congestion

Stool Weight Difficulty Scale
easy — difficult

vertical stacking

Stool Weight Difficulty Scale
easy — difficult

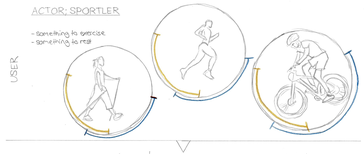
Multiple vertical stacking

Stool Weight Difficulty Scale
easy — difficult

ACTOR: SPORTLER

USER

- something to exercise
- something to rest



ANALYSE

CONCLUSION

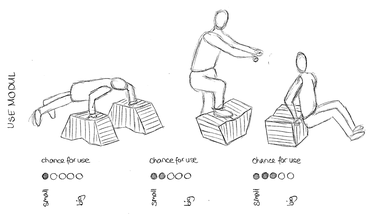
most bikers ride into the forest in the direction of dead wood forest
- do not stop

most joggers go into the forest
- could stop for an exercise or to stretch

many walkers come from the direction of dead wood forest and head towards the flowing range, also, older people who like to take a break.

BREAK FOR EXERCISES

USE MODUL



chance for use
small — big

chance for use
small — big

chance for use
small — big

BREAK FOR REST

USE MODUL + STATION

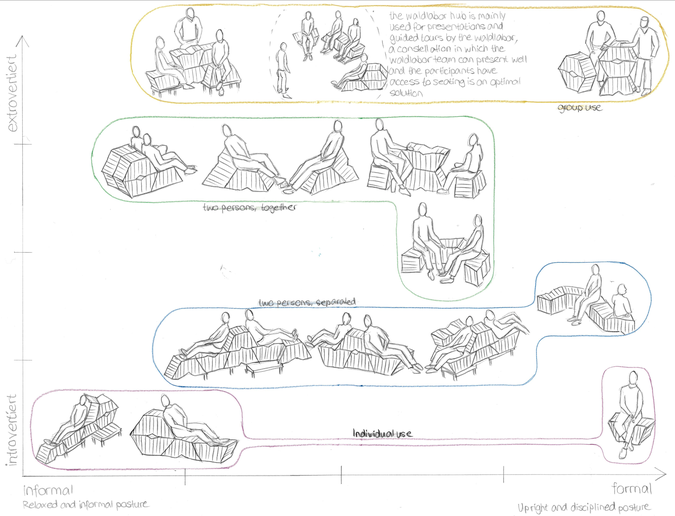
bike riders and joggers don't stop to rest / stretch
they go into the forest and already have an exercise program

chance for use
small — big

chance for use
small — big

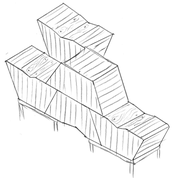
a lot of walkers are older people, they like to take a short sitting break

chance for use
small — big

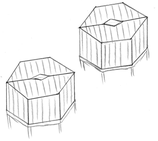


READABILITY AND USE OF THE STATION

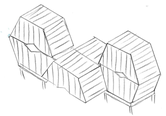
presentation wall
- legibility from plugging together is not so visible
- could make the impression that the units are only supposed to be stacked on the station
- foresters don't need a wall to hang up papers



standing modules
- legibility and different combinations are more recognizable
- function remains with supplied modules
- color concept for solid and modular



tree trunk
- dimensions of station fit in well as it imitates a tree trunk as several large ones already exist
- hexagon should support the idea of plugging together
- no function when modules are on the station



proposal for an improved station
- two seating areas with supplied modules
- indicates possible combination
- plug-in principle and possibility of stilling is shown more clearly

lying modules
- organic shapes fit well in the forest
- legibility of the stool is not easily recognizable

ACTOR; SPORTLER

- bike riders and joggers don't stop to rest / stretch
they go into the forest and already have an exercise program
- they make the modules but are not interested in using them
- actors who goes by slowly notice them and are interested