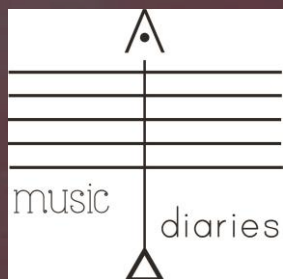


'Connection between plants and humans, an example of a performative exercise exploring new possibilities'

Marisa Ponce de León
July 1 – 3 Thessaloniki

Music Diaries International Workshop Festival



‘Phytopoetic Creation: an example of Ecoethics
concerning Musical Performance’

(Ponce de León 2019)

Research Challenges



The Artistic Perspective adopted seeks to counteract the anthropocentric and authoritarian tendency to objectify plants. Objectification

The intention of the Creative Exercises with Plants is to learn, feel and perform through the communication with plant sounds, so the audience and performers can empathize with these sentient beings.

The exchange of sound possibilities opens a field for creation and experimentation in real time, with new resources of transformation and transmission of methodologies within the Academy in the XXI century that break with traditional paradigms in music creation, including the Improvisation as a fundamental creativity source.

Contribution

Desirably, these aesthetic and artistic exercises will contribute to a reconfiguration of realities related to:

- our relationship with the world of plants, evoking and fostering empathy for plants as sentient beings;
- our approach as musicians to improvisation, breaking with traditional paradigms in interpretation.



Research method and techniques

Phases

1.- Scenic research

Analog, audiovisual, computer and technical media

Interaction with plants

Devices (sound, tactile or energetic stimuli)

2.- Exploratory performances

Test the articulation of musical strategies and scenic media in a performance context

Performer

Empathic relations

Public

Plants

3.- Phitopoetic creation

Selection of sound and scenic material

Analysis of audience reactions

Definition of the final performance script

Exploratory Performances

- 1.- First encounter on stage. Plant – Flute / Technology (flute effects in output sound)
- 2.- First encounter with Devices (Music of the plants) for reading data from plants on stage.
- 3.- Dancer, improvisers
- 4.- Today



For today's performance

Reading data in 4 situations

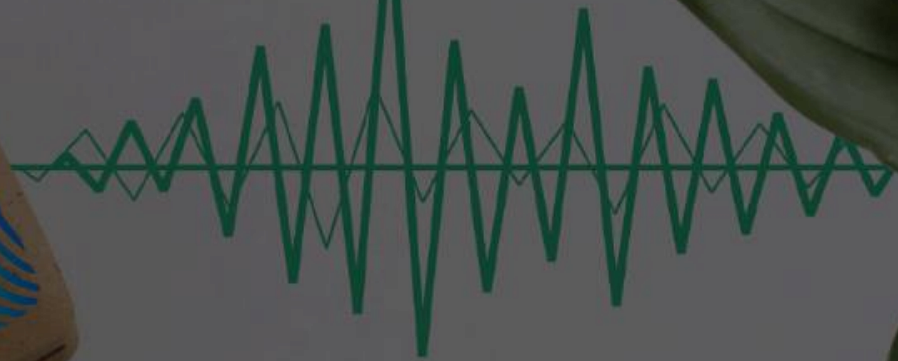
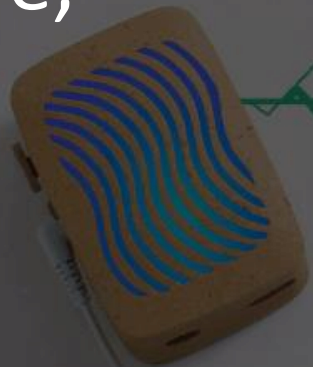
Plant with natural light

Plant with water

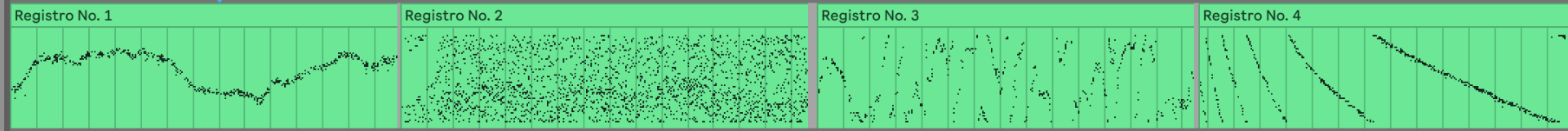
Plant outside

Plant in darkness

PlantWave detects slight electrical variations in a plant via two electrodes placed on the leaves and these variations are graphed as a wave,



1 129 257 385 513 641 769 897 1025 1153 1281 1409 1537 1665 1793



Set

1 MIDI

LPD8 Input

All Channels

In Auto Off

No Output

2 MIDI

All Ins

All Channels

In Auto Off

No Output

3 Audio

Ext. In

1

In Auto Off

Master

4 Audio

Ext. In

2

In Auto Off

Master

Drop Files and Devices Here

Search (Ctrl + F)

Collections

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- AH - FX Racks
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Categories

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- SAMPLES
- PML EVP
- MAIN Transfer
- Desktop
- \ (MAIN RAID)
- 8 - MUSIC
- Add Folder...

Name

- Ben Bohmer Remakes
- PML - How to g...ur course.pdf
- PML - Instant ...urse Downloads
- PML EVP - Guide Ebooks
- PML EVP - MIDI... Packs (new F)
- PML EVP - SAMP...um vol 1 2 3 4
- PML EVP - SAM...rap and other
- PML EVP - SAM...hno and EDM 1
- PML EVP - SAM...hno and EDM 2
- PML EVP - SAM...hno and EDM 3
- PML EVP - TEMPLATES - FL Studio
- PML EVP - TEMPLATES - Racks
- PML EVP - TEMPLATES 1 - Techno
- PML EVP - TEMP... Techno Part 2
- PML EVP - TEMP... Techno Part 3
- PML EVP - TEMPLATES 2 - EDM
- PML EVP - TEMP... - Future Bass
- PML EVP - TEMP... House - Other
- PML EVP - TEMP... - Other Part 2
- PML EVP - TEMP...trance (new F)
- PML EVP - TEMPLATES 8 - All Flame
- PML Freebies

KICK - PML S	CLAPS - PML	HATS 1 - PM	HATS 2 - PM	PERCUSSID	BASS - PML	MAIN PLUCK	PADS - PML	MIDI KICK	MIDI BASS	MIDI PLU	MIDI PAD	A Rev	B Rev	C Del	Master
KICK - PML	CLAPS - PM	HATS 1 - PM	HATS 2 - PM	PERCUSSID	BASS - PML	MAIN PLUC	PADS - PML								1
KICK - PML	CLAPS - PM	HATS 1 - PM	HATS 2 - PM	PERCUSSID	BASS - PML	MAIN PLUC	PADS - PML	Kick	Bass	Arpeggio	30 Waveta				3
															2
															3
															4
															5
															6
															7

1 32 1 32 1 32 1 32 1 32 1 32 1 32 1 32 1 32 1 32 1 32 1 32

Audio From: No Input, No Input, No Input, No Input, No Input, No Input, No Input, No Input, MIDI From, MIDI From, MIDI From, MIDI From

Audio To: Master, Master, Master, Master, Master, Master, Master, Master, Master, Master, Master, Master

Sends: A, B, C

Gain: -8.72, -9.64, -22.6, -21.8, -16.9, -13.5, -11.7, -19.9, -9.80, -17.6, -14.1, -Inf, -Inf, -Inf, -Inf, -0.30

1 2 3 4 5 6 7 8 9 10 11 12 A B C

PML - Kick - Anj BB

Sample Controls

Gain: 0.0 dB, Start: 0.00%, Loop: 100%, Length: 100%, Fade: 0.00%

Filter: Clean, Frequency Res: 22.0 kHz, 0.0%

Envelope: LFO, 1.00 Hz

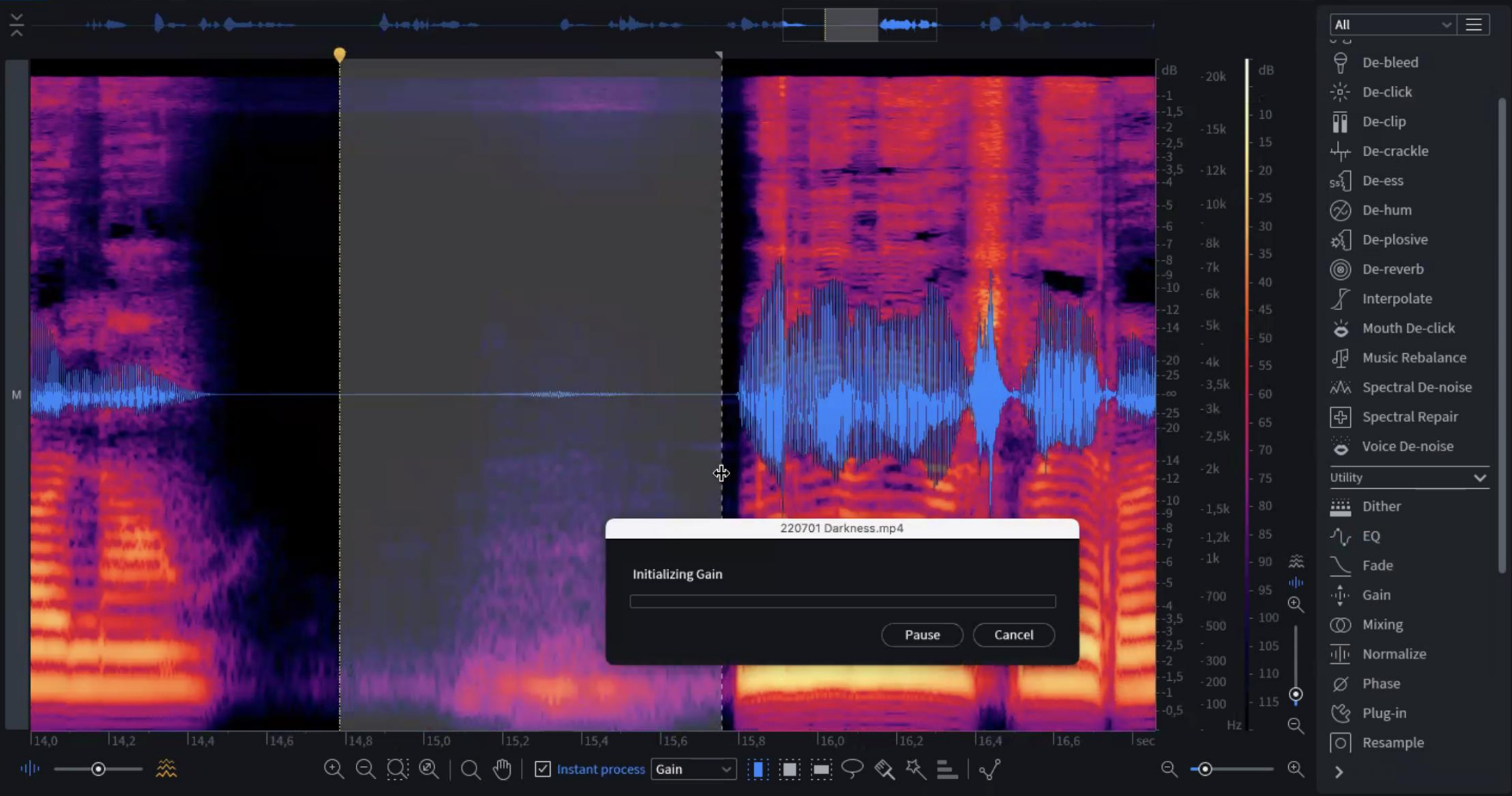
Attack: 0.13 ms, Decay: 600 ms, Sustain: 0.0 dB, Release: 50.0 ms, Volume: -12.0 dB

EQ Eight

Mode: Stereo, Adapt. Q: On, Scale: 100%, Gain: 0.00 dB

Frequency: 3.83 kHz, Gain: -0.62 dB

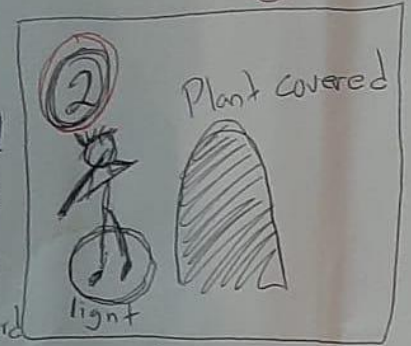
Drop an Instrument or Sample Here



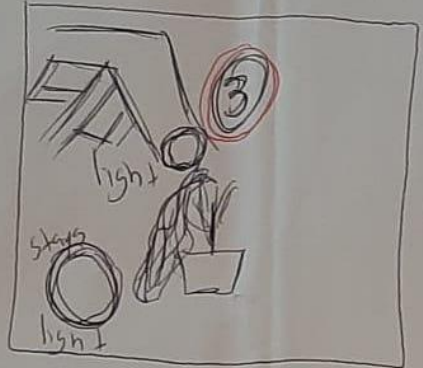
Completely Dark ①



Text 1
20 sec
+
38 sec
chant record



Flute
Impro
3 min



Text 2
22 sec

③ light the plant while
I uncover it.

Impro. 4 min.

Water
Sound



Water the
plant

line lights ④
4 min
Impro.

completely
darkness

⑤
light

Applauds
light to the
Plant and Flutist

15 min

Text 1

At the beginning, darkness
was the owner of the universe.
Life didn't exist as we know
it now.
Movement was already on space
the space where we are now
Million years later, we broke silence
with melody----- singing 38 sec

Text 2

Plants were already
existing when humans
met the earth...
light! Birth! For a lot
in spanish giving light
giving birth. We look for
light, plants are looking

☺ Thank you very much
Alex !!!

for light... no plants, no humans.

Next Step



Real time reading data from the plant with manipulation of sound with the program Ableton

Eukaristo

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