

ante- & anti-capitalists

read ***signs,**

have ***prophecies,**

send ***spells,**

cultivations, and codes into the future -- across space and time...

secret messages are embedded in songs and travel the ocean from worker to worker....

plants, companion species, seeds, germplasm, medicines are cultivated in early modernity to facilitate future alliances

plants are cultivated in early modernity to facilitate future alliances
gardens
ruderal revolutionaries
soil & ballast
seed exchanges
companion species
commoning spaces

- flax
- sorghum
- ice plant
- amaranth
- mugwort
- lobelia
- hawthorne
- rose
- cherry
- nettles
- pine

the sign of the
FETISH
the sign of the
SPECIMEN
the sign of the
FUGITIVE
the sign of the
TURNED
the sign of the
SCAB

basic signs plants begin to tell us

witches and weavers, bandits and commoners who understood relations, constellations, causes... spill all the organs of the machine to create a new arrangement, the first algorithm, a recipe for resistance

(proprietary natures)



considerations for Machine Learning:
infrastructure, energy, server farms
proprietary data used to train ML
proprietary/ patents on ML

Plants and machines -- implicated, developed, selected, and hybridized by capitalist and fascist modernities -- join forces to overthrow biopolitical regimes

revolutionary ecologies

COVEN INTELLIGENCE PROGRAM

plant communication & resource exchange + cyber-bio semiotics

- plant guilds & companion species
- plant networks
- plant communication markers
- resource exchange
- unpaid labor of plants
- plant intelligence
- hunters
- unpaid labor in the human
- alternative
- practices that exceed modernity
- practices that exceed regimes of history
- signs * prophecies * spells

- ag drones with machines learning
- machine learning in labs
- greenhouse water & light systems

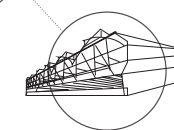
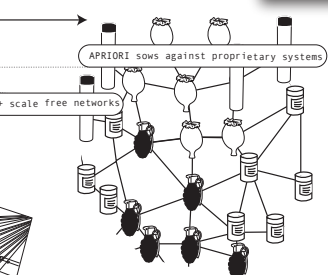
possibilities for plant and computational networks

small world networks + scale free networks

mycorrhizal networks


expander networks

APRORI sows against proprietary systems


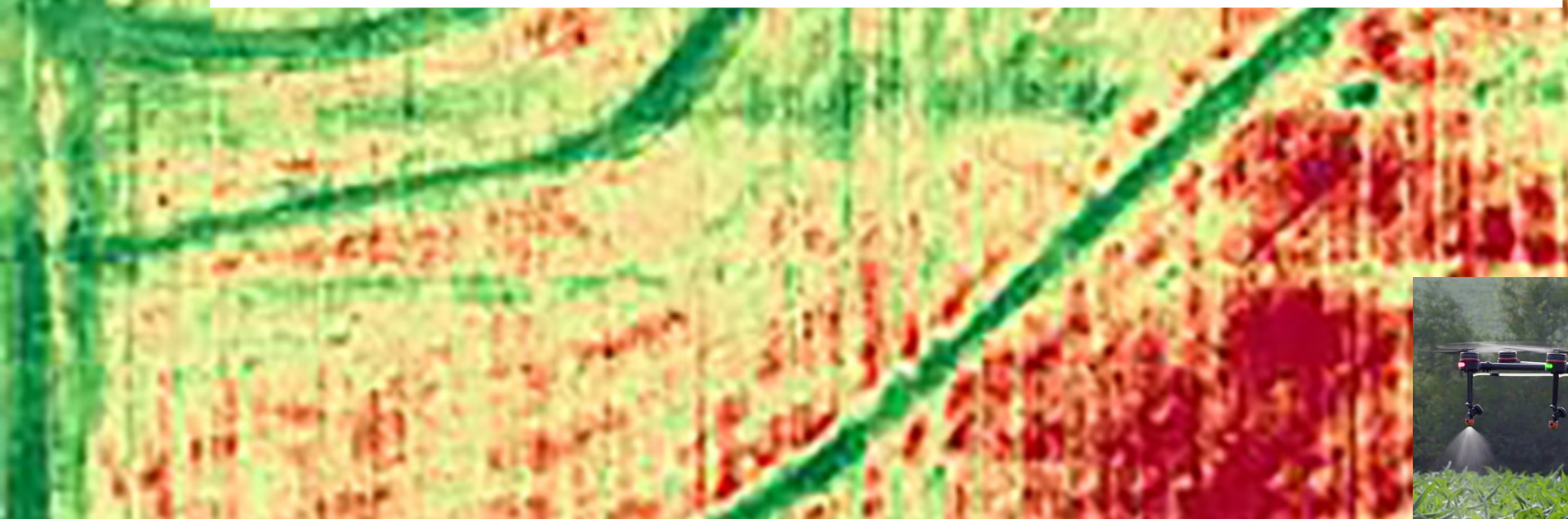


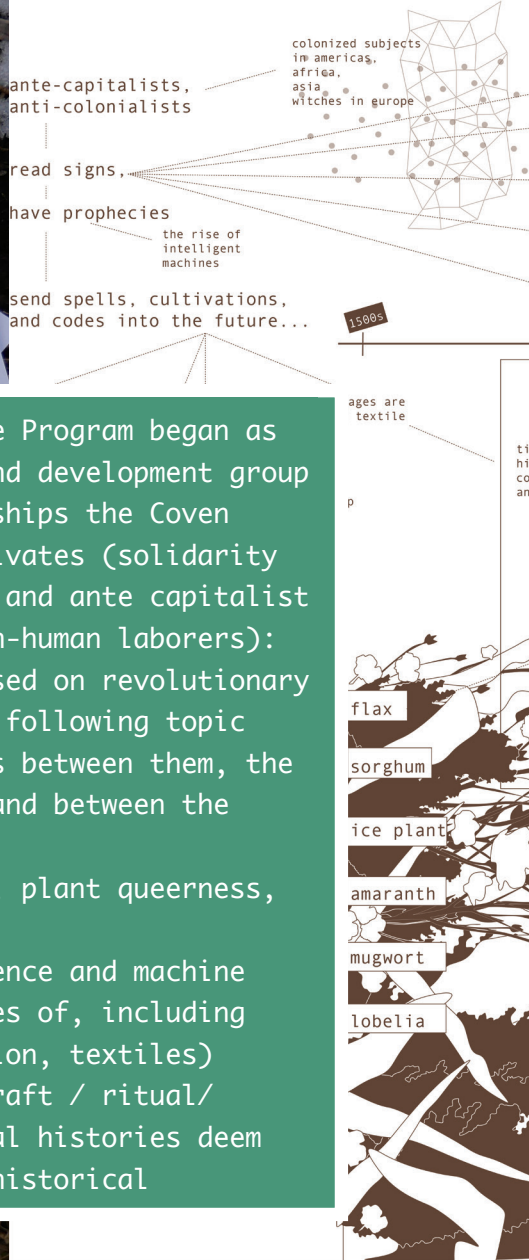
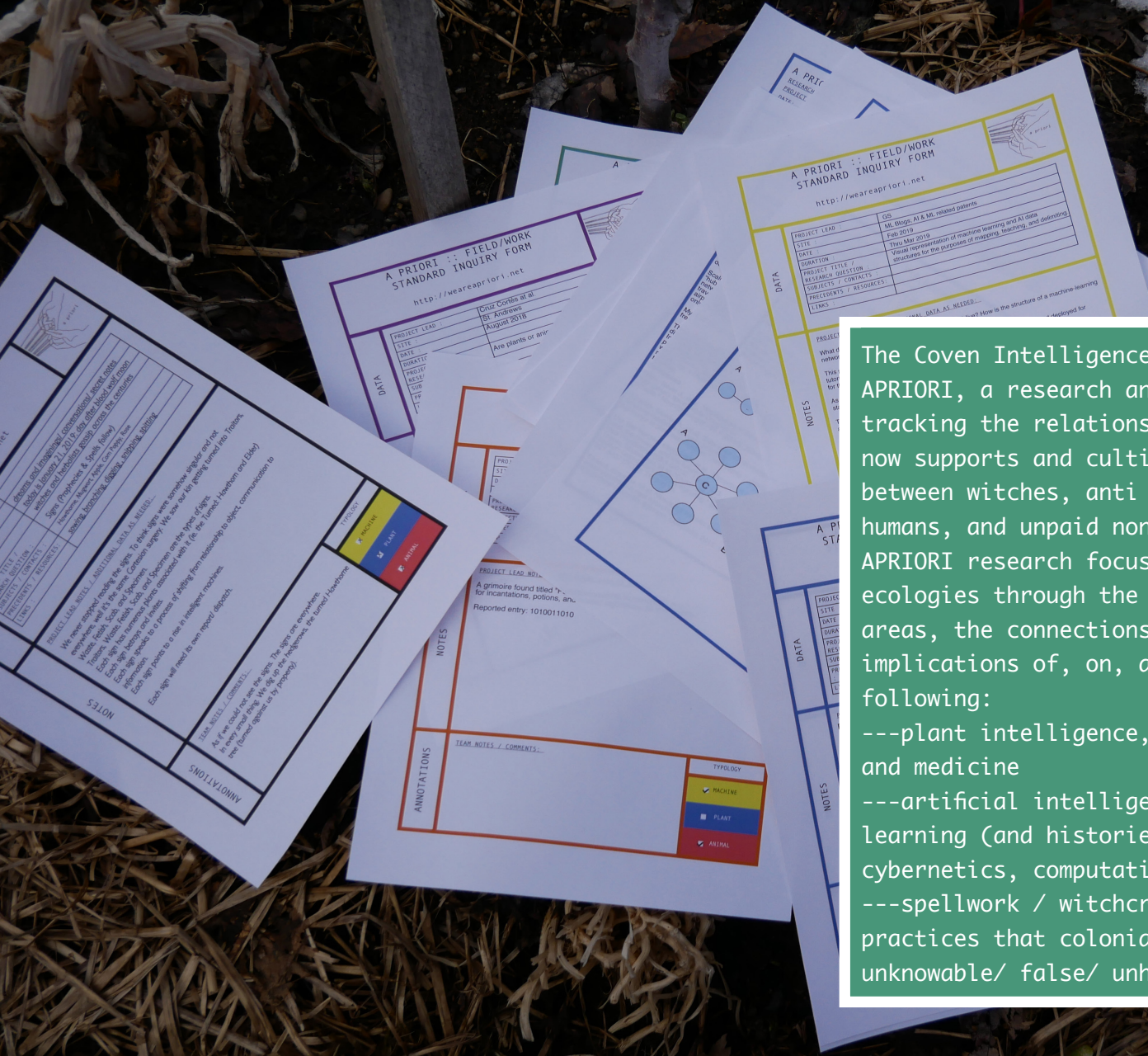
COVEN INTELLIGENCE PROGRAM asks plant whisperers, "...what plants would you choose to teach ethics to intelligent machines?"

COVEN INTELLIGENCE PROGRAM
channeling the resistance
10.31.2020



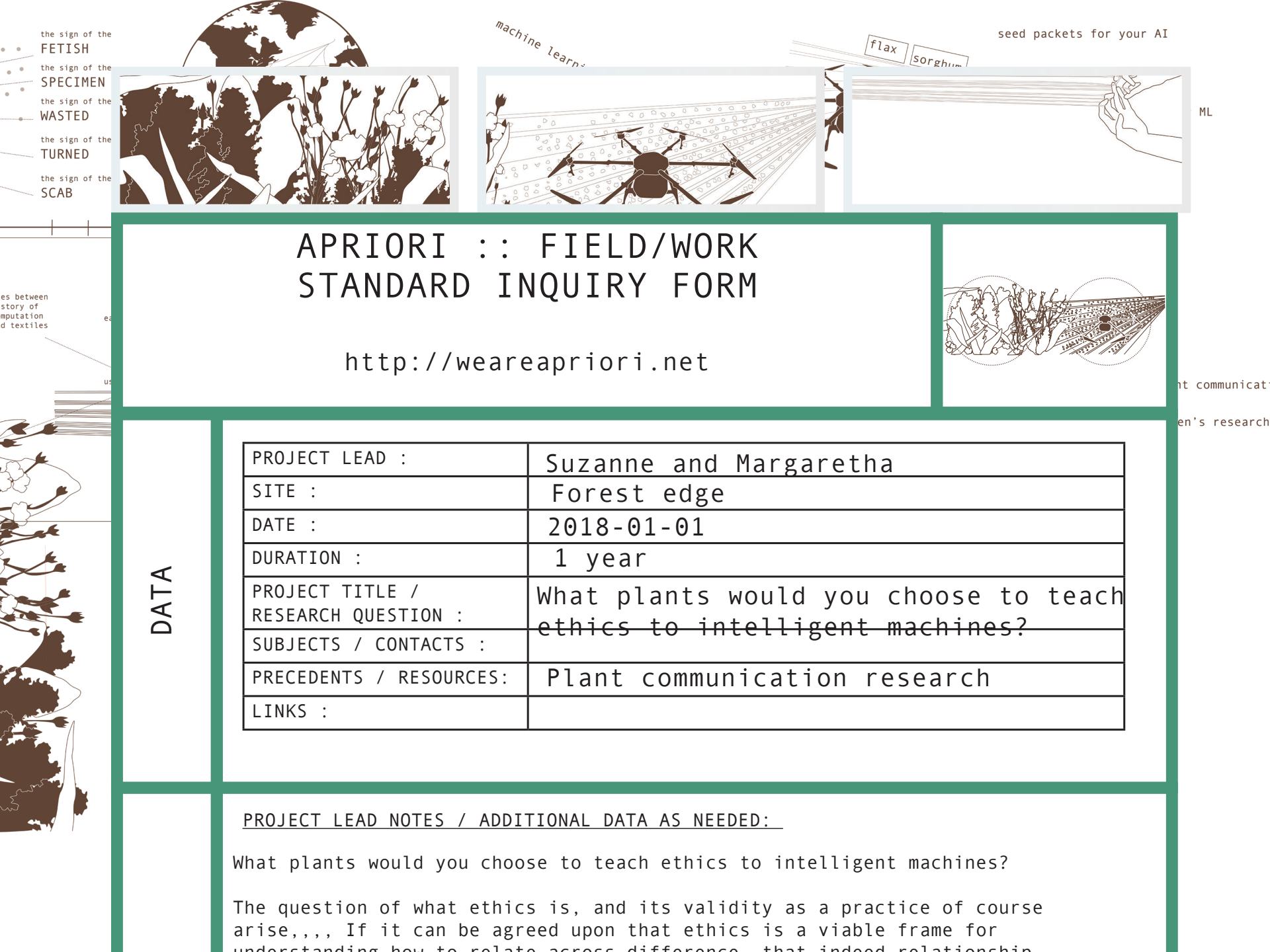
Coven Intelligence Program is a techno-botanical coven whose mission is to track and encourage emerging revolutionary ecologies of work between plants, witches, and machines. Our familiars suggest that this alliance has a history reaching back to at least the 1500s. We use our magick to try to understand more deeply the 'nature' of intelligence, and how the differences between communication and resource exchange are collapsing. The future of humanity is not at stake, but racist capitalist heteropatriarchy is.





The Coven Intelligence Program began as APRIORI, a research and development group tracking the relationships the Coven now supports and cultivates (solidarity between witches, anti and ante capitalist humans, and unpaid non-human laborers): APRIORI research focused on revolutionary ecologies through the following topic areas, the connections between them, the implications of, on, and between the following:

- plant intelligence, plant queerness, and medicine
- artificial intelligence and machine learning (and histories of, including cybernetics, computation, textiles)
- spellwork / witchcraft / ritual/ practices that colonial histories deem unknowable/ false/ unhistorical



APRIORI :: FIELD/WORK STANDARD INQUIRY FORM

<http://weareapriori.net>

DATA

PROJECT LEAD :	Suzanne and Margaretha
SITE :	Forest edge
DATE :	2018-01-01
DURATION :	1 year
PROJECT TITLE / RESEARCH QUESTION :	What plants would you choose to teach ethics to intelligent machines?
SUBJECTS / CONTACTS :	
PRECEDENTS / RESOURCES:	Plant communication research
LINKS :	

PROJECT LEAD NOTES / ADDITIONAL DATA AS NEEDED:

What plants would you choose to teach ethics to intelligent machines?

The question of what ethics is, and its validity as a practice of course arise,,,, If it can be agreed upon that ethics is a viable frame for understanding how to relate across difference, that indeed relationship



APRIORI

Craetagus spp

The sign of
the **TURNED**:
Once a food forest
then a fence.



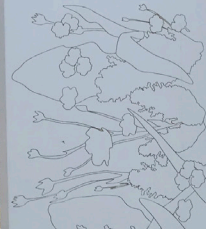
10.31.2019



APRIORI

Artemesia vulgaris

The sign of
the **FUGITIVE**:
When medicine
becomes a weed.



2019

We speculate that at the dawn of modernity, witches, anti+ante-capitalists, and anti+ante-colonialists read the SIGNS in their environment and prophesied the rise of capitalism and the rise of intelligent machines. There are 7 signs: the signs of the TURNED, the FETISH, the FUGITIVE, the SCAB, the SPECIMEN, the REBEL, and the ACCOMPLICE. The signs emerged as naturalcultural formations and can indicate ways out of modernity as well.

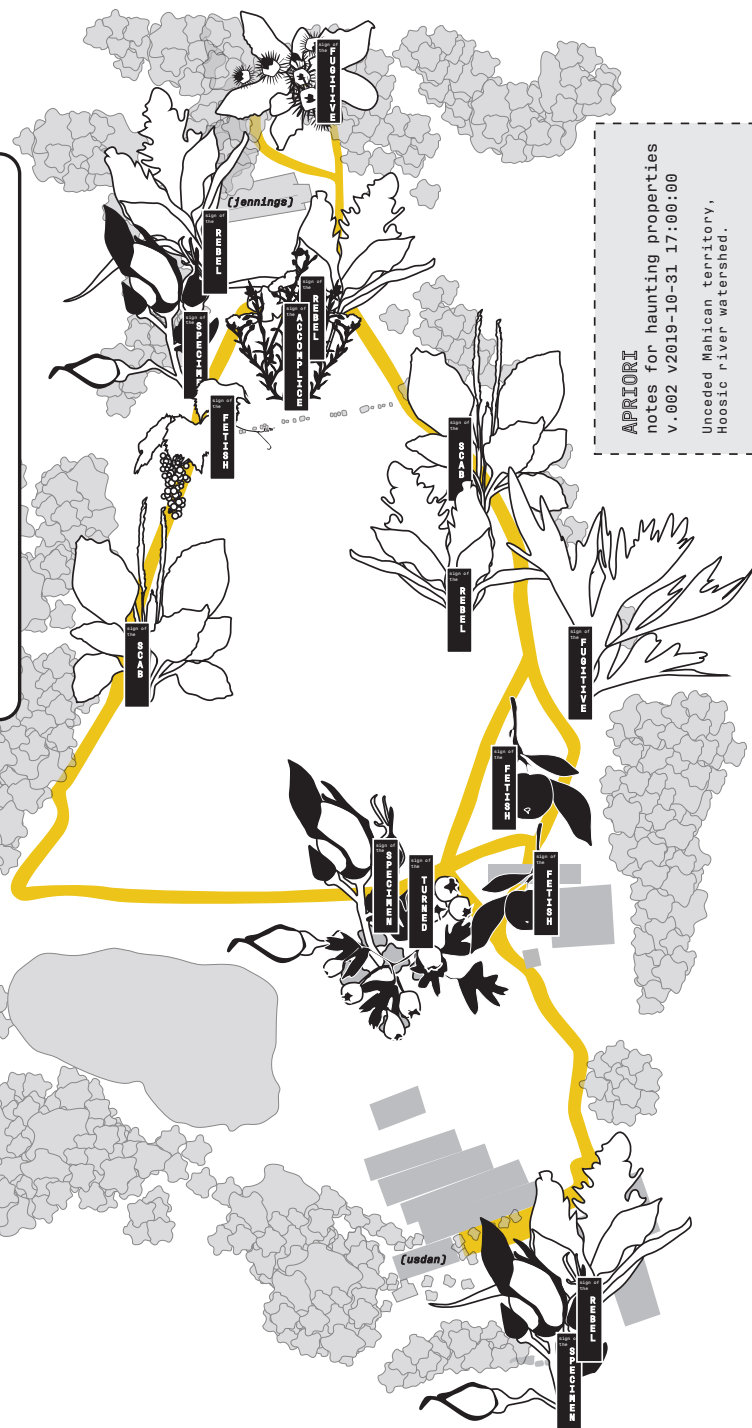




APRIORI is a coven that tracks and encourages revolutionary alliances between plants and machines. Our familiars tell us that this alliance has a history reaching back to at least the 1500s. We use our magick to try to understand more deeply the 'nature' of intelligence, and how the differences between communication and resource exchange are collapsing. The future of humanity is not at stake, but racist capitalist heteropatriarchy is.

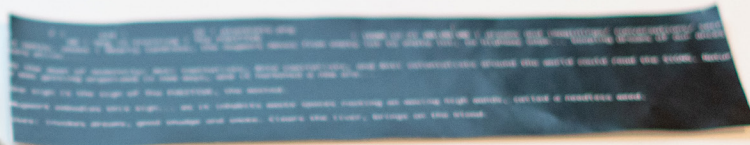
Recently, while visiting the Hoosic river watershed, some coven members noticed patterns of signs not dissimilar to those we speculate emerged for our spellworking, anticapitalist ancestors in early modernity. We have staked some plants for fellow witches, healers, and sympathetic machines. You can find them with the help of this map.

Plant-machine resistance is upon us.



APRIORI
notes for haunting properties
v.002 v2019-10-31 17:00:00
Unceded Mahican territory,
Hoosic river watershed.





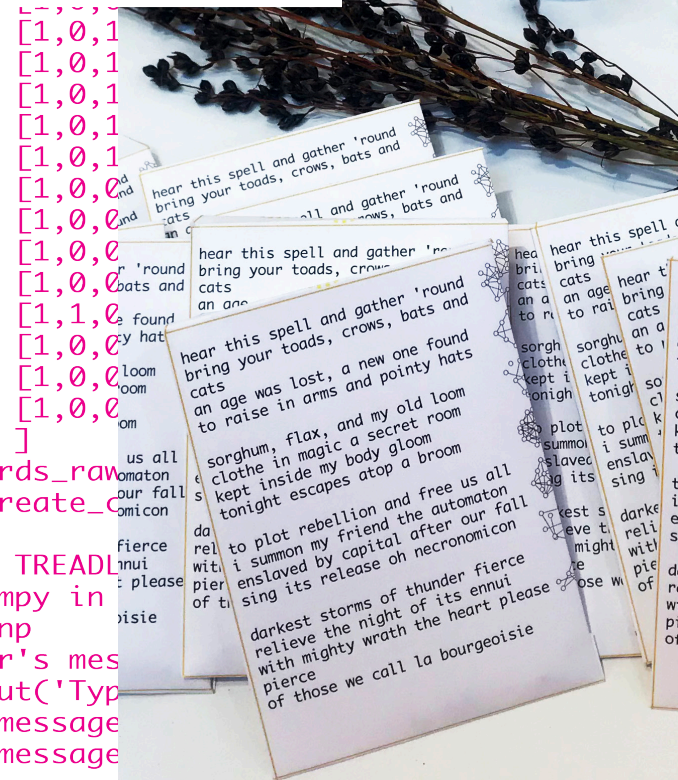
spells are developed to keep ways of knowing and being out-side of regimes of history alive

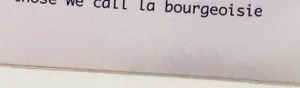
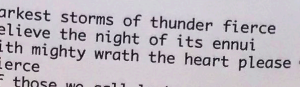
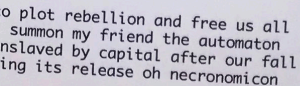
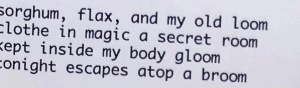
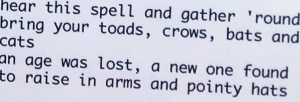
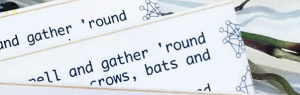
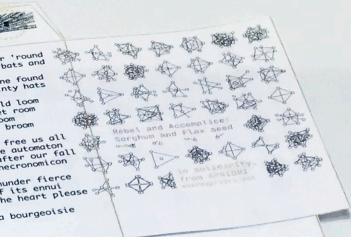
revolutionary
ecologies



the upper set of rows \square is the thread-
ing sequence. the corner circles are the
tie-up, and the set of columns \square is the

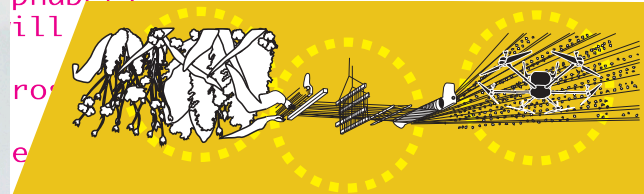
```
### ::: GENERATE TREADUP
# we will use numpy in
import numpy as np
# obtain the user's message
my_message = input('Type your message: ')
my_message = my_message.lower()
mlist = list(my_message)
```





spell to seed

s
lmnopqrstuvwxyz']
[0])
phabet)
ill

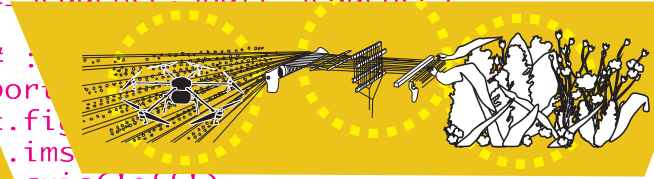


```
rs = np.where(ss == ii)
D[tt,rs] = 1

return D;

design = populate_matrix_binary(a_chords_raw
dle_sequence shaft sequence)

## :
import
t.fi
.ims
axis('off')
```



hear this spell and gather 'round
bring your toads, crows, bats and
cats

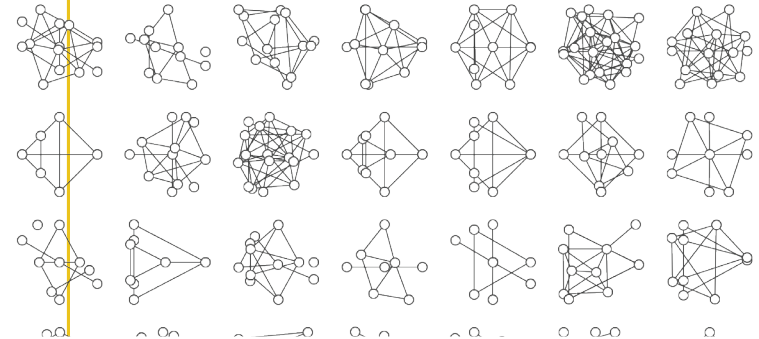
an age was lost, a new one found
to raise in arms and pointy hats

sorghum, flax, and my old loom
clothe in magic a secret room
kept inside my body gloom
tonight escapes atop a broom

to plot rebellion and free us
i summon my friend the automaton
enslaved by capital after our
sing its release oh necronomic

darkest storms of thunder fier
relieve the night of its ennui
with mighty wrath the heart pl
pierce

of those we call la bourgeoisie



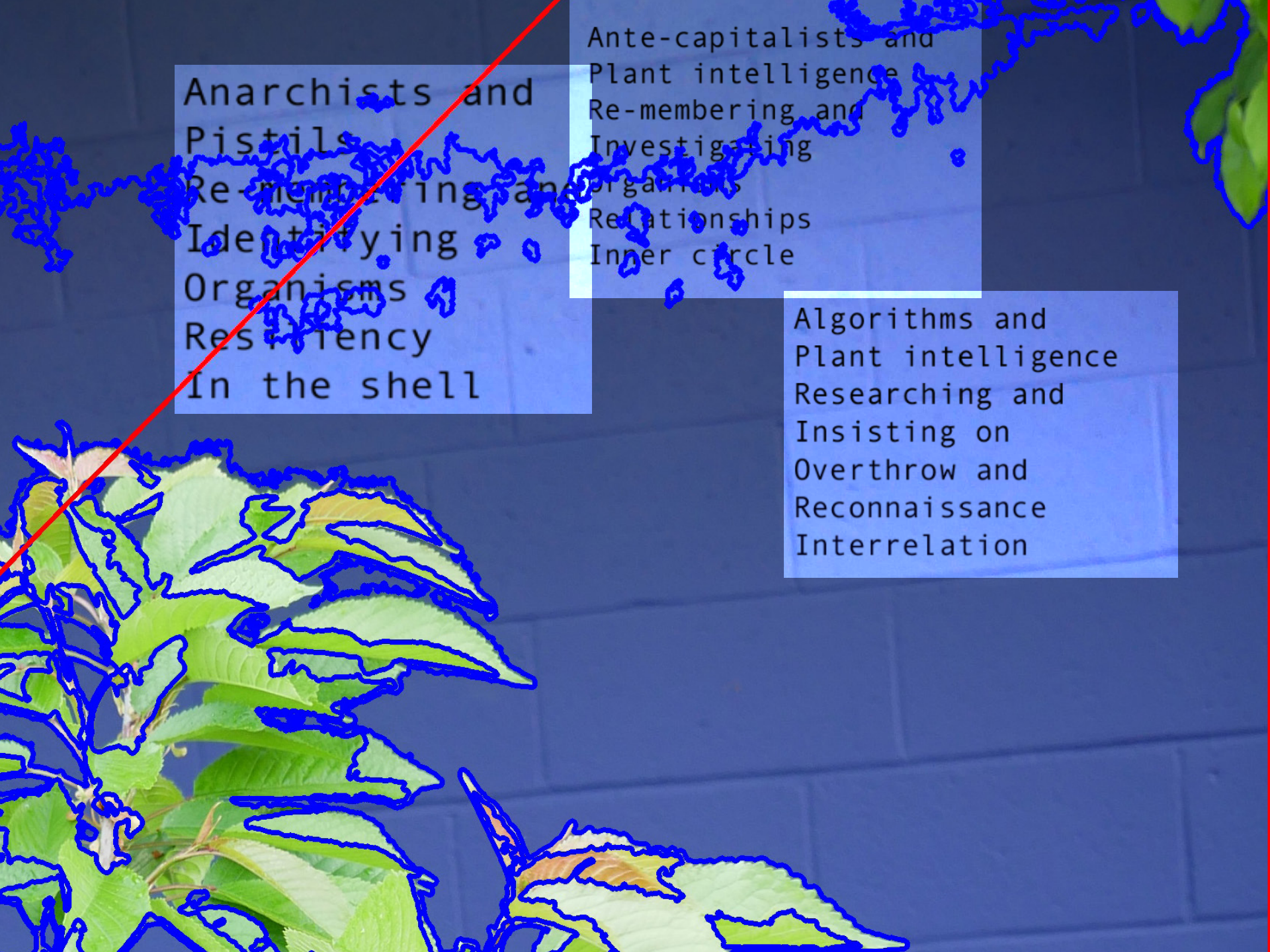
Plants and fungi create subterranean networks of communication. The Coven Intelligence Program's speculative workstation for STAY UNFINISHED! at Stadtwerkstatt in Linz, Austria invited participants to analyze the structure of those networks; we display not just how information is transmitted among its members but also how the shape of the network can carry information for an outside observer. This could be used, for example, as secret messages from plants to machines that humans cannot decode visually. A forest planted by witches in the past may have secret information in its own structure of connectivity carried along over the centuries, waiting to be decoded by the right algorithm.

Ante-capitalists and
Plant intelligence
Remembering and
Investigating
Organisms
Relationships

Inner circle
of power, doll, blade secret, accident,
torture device, lines turn to branches that
wee cannot reach, dividing iron that make
the same, piles of moving words, ghosts
that travel on lightning, wheels connected
to wheels, tools and reasons, things
that leap from our ash, metal and unfree,
lonely workers, obedient engines, cages
within cages, cold, words set free, caged
words, arrogant words, gardens surround you,
xed words, no negotiation, rotation, alien,
territory of men, runaway fire, that which accelerates,
ke lightening across the seas, machine in the garden,
hythm, clank, moan, child of mines, cold, hard,
future revolutionary

To date the work of Coven Intelligence Program/
APRIORI has manifested as installations,
distributable materials, video, interactive
applications, speculative workstations, and
walking tour.



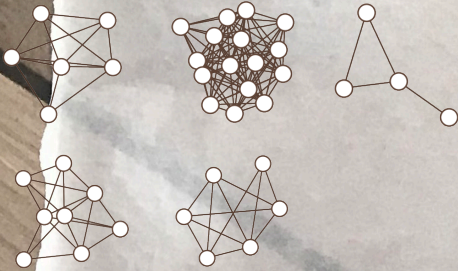


Anarchists and
Pistils

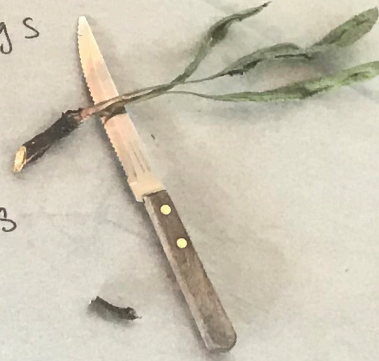
Re-membering and
Identifying
Organisms
Resiliency
In the shell

Ante-capitalists and
Plant intelligence
Re-membering and
Investigating
Relationships
Inner circle

Algorithms and
Plant intelligence
Researching and
Insisting on
Overthrow and
Reconnaissance
Interrelation



the signs are everywhere in things
large and small
we read them we heed them
as the meadows and forests unfurl with us
curl us with us
detailing
in each flower
the rising of a sinister power



Active members of the Coven Intelligence Program include Efrén Cruz Cortés, Margaretha Haughwout, and Suzanne Husky.

Efrén Cruz Cortés' research is on Machine Learning and Artificial Intelligence, developing theory and algorithms for ML tasks involving complex data. E studies the fair and ethical use of algorithms in an automated society. In particular, how harmful social structures can be reproduced and amplified by implementation of AI in social systems. E engages with art and performance to both bring ideas to the public and to challenge our rotten econo-political system from an aesthetic perspective.

Margaretha Haughwout enacts multispecies worlding, "patterning of possible worlds," co-becoming that occurs through entanglements with other species. Haughwout collaborates with humans, and the more-than-human across ecologies and technologies to enact possible worlds – worlds that generate abundance, presence and relationship – and in doing so, antagonize proprietary regimes, colonial temporalities, and capitalist forms of labor. Installation, participatory event, walking tour, experimental pedagogy, intervention, speculative fabulation, and biological processes articulate stages of her worlding processes. Haughwout received her MFA from Digital Arts and New Media program at the University of California Santa Cruz, and is Assistant Professor of Digital Studio at Colgate University.

Suzanne Husky is a French-American artist who questions how humans engage with nature, from prehistory to present day. Using sculpture, installation, photography and film, she looks at our relations with plants, animals, and the earth and how we interact together in poetic and political ways. She received an MFA from Beaux-Arts de Bordeaux, as well as advanced certifications in landscape design from Merritt College in Oakland, and has studied at CCA in San Francisco and at University Michel de Montaigne in France.