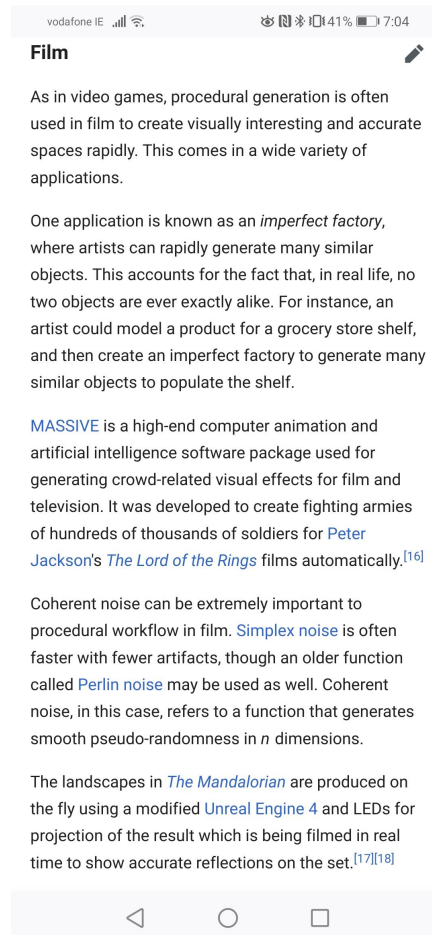


# The Imperfect Factory



Procedural generation is a method of creating data algorithmically instead of manually.

The 'Imperfect factory' refers to slightly different multiples in digital space, replicating how multiples in the -real- world might be (not clones, barely even copies).

The Imperfect Factory as an attempt to resist the nature of the digital? As in the digital space true clones are possible - which is not true irl, as even actual clones will have differences due to environmental factors, tiny genetic mutations, etc.

[https://en.wikipedia.org/wiki/Procedural\\_generation](https://en.wikipedia.org/wiki/Procedural_generation)

## related wiki links

- ❖ computational creativity
  - ❖ fractal landscape
  - ❖ generative art
  - ❖ synthetic media
  - ❖ scenery generation
- diamond square algorithm
  - ❖ generative music

:Infection of KKnowledge:

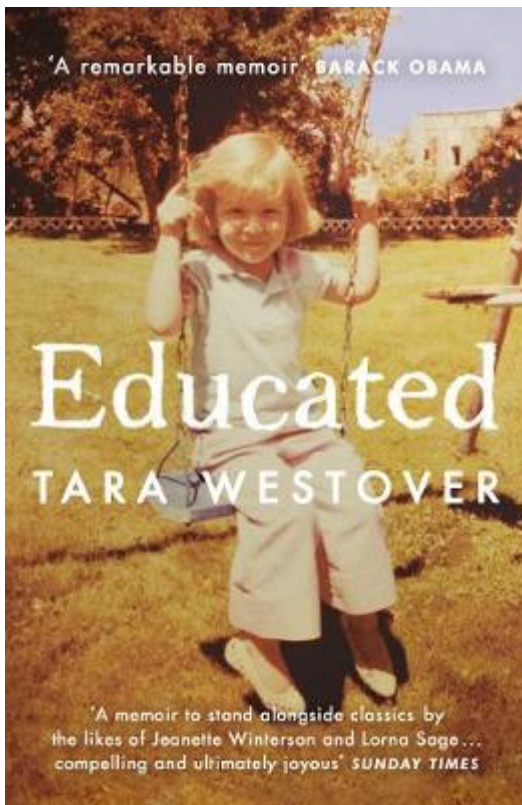
Or of self-awareness, self-thinking..



From the film adaptation of Philip Pullman - His Dark Materials, book 1 The Golden Compass

In the series, Lyra is given the alethiometer which she can read as a child but once she becomes an adult she loses the ability - which the 'angels' in the novel call the quality of 'grace'.

Grace is (in Christian belief) the free and unmerited favour of God, as manifested in the salvation of sinners and the bestowal of blessings (similar root to 'inspire' with the breath of god!)



EDUCATED by TARA WESTOVER

In this memoir, Tara cannot go back to her old life of Mormon fanaticism and fundamentalism after she goes to college and receives an education.

Maybe this is also speaking about value > when something is gained, is something else lost?

Gaining knowledge, losing... innocence?

Education/learning is definitely gaining something but is it also losing something? However, everyone has to find this out for themselves, and find a way to exist on that *higher plane*.

The human experience as a perpetual losing and gaining, & coming to terms with this?



The Handerra search for Ignorance

“my business is unlearning, not learning.”  
“But we in the Handdara don’t want answers. It’s hard to avoid them, but we try to.”

Annihilation Key Themes:

- ★ environmentalism
- ★ biological life
- ★ silence
- ★ objectivity & observation
- ★ discovery, research, & knowledge
- ★ visible/invisible
- ★ magnitude & cosmos (epic)
- ★ domestication & wilderness
- ★ revelation/epiphany
- ★ meaning
- ★ assimilation & annihilation

Surrealism & Scifi

Where is each strand of work located? Surrealism is located in the abstracted present and scifi in the adjacent present or future. Ursula Le Guin writes and rewrites short essays at the start of her novels and short story collections ruminating on what SciFi means (sticking more closely to the rules [or rules of some sort!])

Digital Surrealism? A google search for this brings up nothing really of substance.

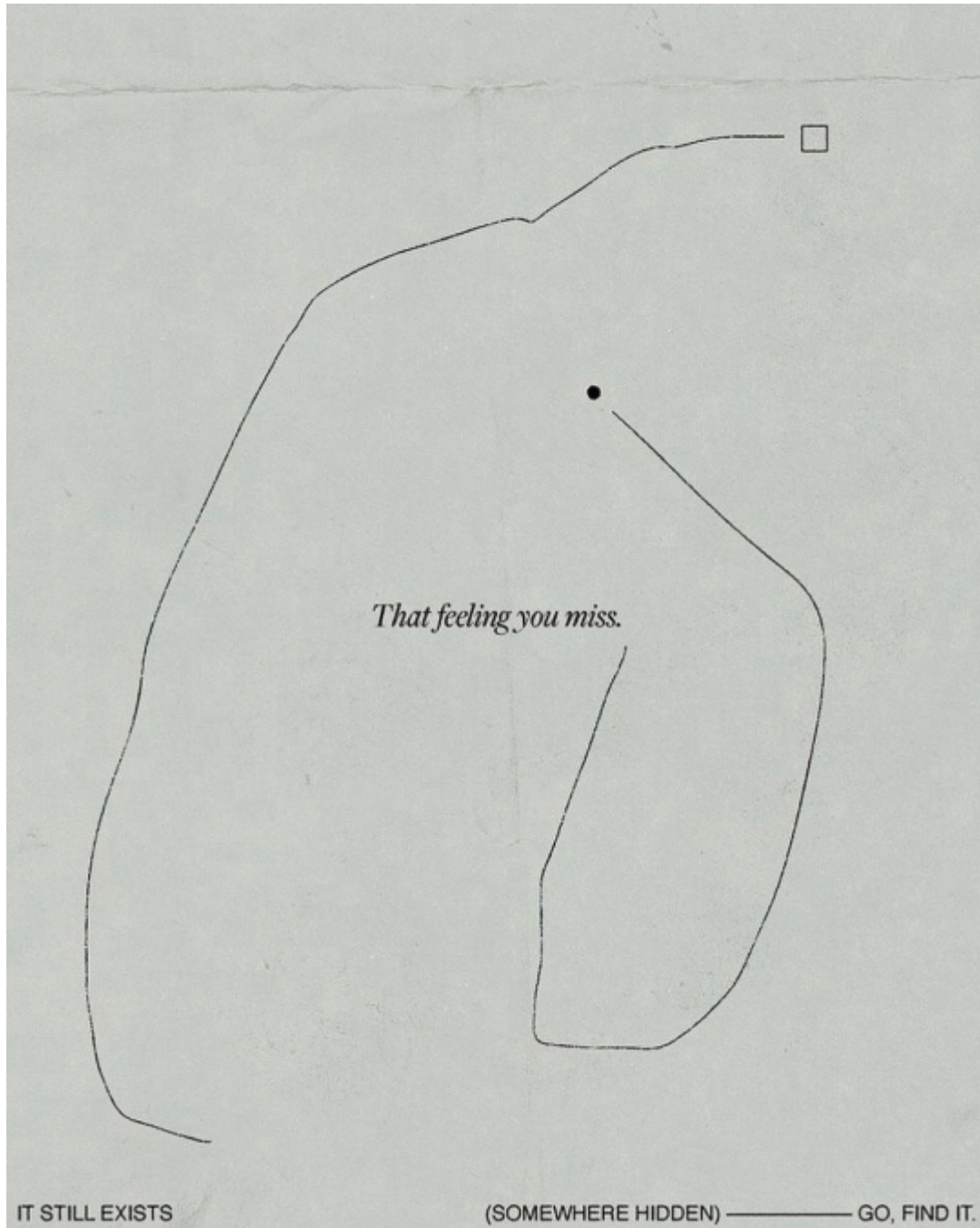
Maybe more like AS - Augmented Surrealism or something?

Left Hand of Darkness:

“My landlady, a voluble man...”

Genly Ai is unable to even consider using 'they' or 'person/people' - has to say he/man (!) - showing limitations of human to describe things without comparing them to things we already know (eg. Niamh's flourishing penchant for the visual metaphor and analogies). If all of the people on Winter are homologously physically asexual, then are their relationships

Genly notes that the cultural shock of Winter planet was nothing in comparison to the **'biological shock'**



is perhaps the BIOLOGICAL SHOCK a key aspect of scifi or futuristic developments or transhumanism or the metaverse etc?

Similarities to Annihilation and 'the brightness' - and suspending the rate of brightness by inducing biological shock (if the biologist was injured or hurt etc).



<https://www.youtube.com/watch?v=vqgtay4rRro&t> grimes interview - having a TECA moment....

She talks about Burning Man in Californian desert as a Sci-Fi landscape due to scale (epicness?)

In aesthetics, the **sublime** (from the Latin *sublīmis*) is the quality of greatness, whether physical, moral, intellectual, metaphysical, aesthetic, spiritual, or artistic. The term especially refers to a greatness beyond all possibility of calculation, measurement, or imitation.

## epic

/ˈɛpɪk/

Learn to pronounce

See definitions in:

All

Literature

Film

noun

1.

a long poem, typically one derived from ancient oral tradition, narrating the deeds and adventures of heroic or legendary figures or the past history of a nation.

Similar:

heroic poem

long poem

long story

saga

legend

romance

lay

history

chronicle

myth

fable

folk tale

folk story

2.

INFORMAL

an exceptionally long and arduous task or activity.

"the business of getting hospital treatment soon became an epic"

adjective

1.

relating to or characteristic of an epic or epics.

"our national epic poem Beowulf"

Similar:

heroic

long

grand

monumental

vast

Homeric

Miltonian

lofty

grandiloquent

high-flown

high-sounding

extravagant

bombastic

Opposite:

understated

2.

heroic or grand in scale or character.

"his epic journey around the world"

## POST IMAGE

Post-image (era) ... Post image (instruction; 'posting images')?

**More than 300 million photos** get posted online per day.

Postmodernism (no objective truth = post-truth era)

(post-truth; Post-aesthetics; Post digital; post-fact; post-race; post-media; post-gender) – Posthuman

<https://2020.xcoax.org/pdf/xCoAx2020-Ferreira.pdf>

## The “Post” Era

Why is everything ‘post’...existing in ‘afterness’, rather than newness?

**Posthuman**; Posthumanist theory claims to offer a new epistemology that is not anthropocentric and therefore not centred in Cartesian dualism. It seeks to undermine the traditional boundaries between the human, the animal, and the technological.

(Rosi Braidotti) ... *“Posthuman is not about what kind of humans will be in the future, but what kind of humans we are in the process of becoming”*

<https://www.cccb.org/en/multimedia/videos/the-posthuman-condition/222470>

*The ‘post’ era is about becoming...?*

## Glitch Feminism

<https://www.youtube.com/watch?v=B4bnvzwQy1E> ... (short summation video)

<https://www.legacyrussell.com/GLITCHFEMINISM> ... (good resource index for texts/ manifesto/ videos/ talks/ event recordings)

"In a society that conditions the public to find discomfort or outright fear in the errors and malfunctions of our socio-cultural mechanics—illicitly and implicitly encouraging an ethos of “Don’t rock the boat!”—a “glitch” becomes an apt metonym. Glitch Feminism, however, embraces the causality of “error”, and turns the gloomy implication of glitch on its ear by acknowledging that an error in a social system that has already been disturbed by economic, racial, social, sexual, and cultural stratification and the imperialist wrecking-ball of globalization—processes that continue to enact violence on all bodies—may not, in fact, be an error at all, but rather a much-needed erratum. This glitch is a correction to the “machine”, and, in turn, a positive departure." (L. Russell, *The Society Pages*, 2013)





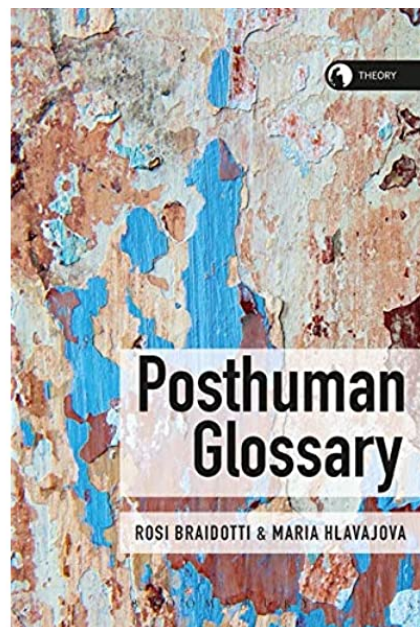
Glitch fem & Ryan Trecartin

*Era-specific-post-era*

### Post image

Scientific studies have contributed, over the last years, to an expansion of the Image concept, in articulation with new developments in Computational Media, based in a stratification around technical digital properties, which frame its existence to the form of digital information – extending it beyond a visual surface idea. Biometric data, artificial intelligence, bitcoin, glitches or machine learning are examples of instantiation tools used by artists to explore elements of mediation included in Post-images.

<https://antropost.files.wordpress.com/2019/05/posthuman-glossary.pdf>



What Opens // What Closes

Illustration // art

Identity // being

User interface // open source

Dictation // allowing

Resolving // unfinishing

Answering questions // asking questions

Art prof // ben / CCAM

Opinion // consideration

Single point stance // context

Starting // finishing

Installation // (most) painting

Contemporary art // Classical Training

Exploring // resolution

Interpretation // style

99% // 100%

Brainworms // COAST

Failure // Success

Assistance // facilitation

What would nothing look like?

What if work was just context?

we cannot solve problems by using the same kind of thinking we used when we created them

*“To oppose something is to maintain it. They say here “all roads lead to Mishnory.” To be sure, if you turn your back on Mishnory and walk away from it, you are still on the Mishnory road.”*

‘To learn which questions are unanswerable, *and not to answer them*: this skill is most needful in times of stress and darkness’

“my job is not to arrive at an answer and just deliver it, I see my job as holding doors open and opening windows, but who comes through the doors, what you see through the windows...how do I know”

(-Le Guin)

## AI & EMPATHY



GRACE (AI Robot Nurse) ... [https://www.youtube.com/watch?v=6lcyBTis17g&ab\\_channel=WION](https://www.youtube.com/watch?v=6lcyBTis17g&ab_channel=WION)

*A Latex Dystopia?? ...Alienation through removed human interaction? Do we really need this?*



^ Spicy conversation between two chatbots (who were designed to chat with humans)...

^ [https://www.youtube.com/watch?v=WnzlbyTZsQY&t=83s&ab\\_channel=CornellCCSL](https://www.youtube.com/watch?v=WnzlbyTZsQY&t=83s&ab_channel=CornellCCSL)

### *Empathy-*

*the ability to understand and share the feelings of another.*

#### **Can a machine have empathy? Three responses:**

1. **Yes**, it can, or yes it will, because AI is ultimately capable of anything the human brain is capable of.
2. **No**, it can't, because empathy is a uniquely human characteristic and not something a machine is capable of experiencing.
3. **Question**: ...If a machine appears to have empathy, does it really matter if that empathy is real or not?

*"we are not thinking machines that feel; rather, we are feeling machines that think"*

*Antonio Damasio (neuroscientist)*

EMPATHY is the main hook or question proposed by Philip K Dick in his 1968 novel ‘Do Androids Dream of Electric Sheep?’ Although the Empathy Test is used to determine whether or not someone is an android, humans on earth are pretty devoid of any empathy - see their engagement with people dubbed ‘chicken-heads’. Rachel Rosen also comes to terms with being an android and what this means for her and her conception of self/morality/empathy.

Many times the androids show greater empathy than the humans - in relationships with each other (as opposed to Rick and his wife), for example.

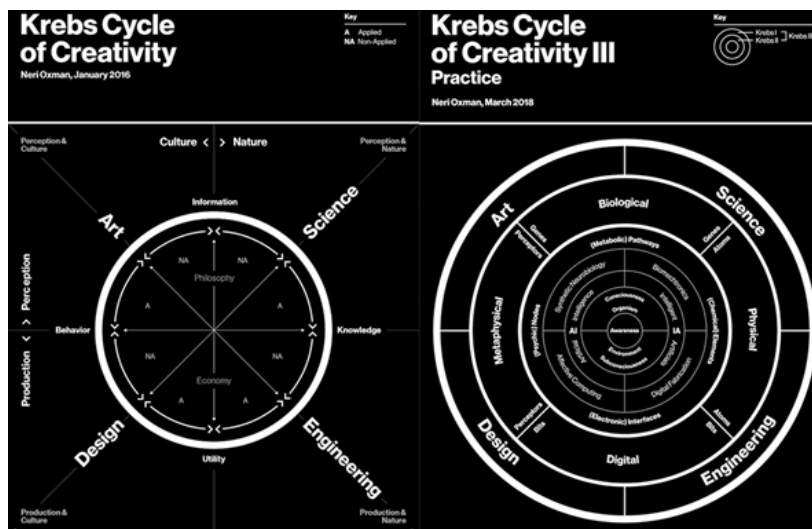
Also - what is real? Perceptual nature of reality, etc. Empathy Box.

...Usership & the Empathy Box...?

(a potential model for artmaking)

*The Krebs Cycle of ‘Creativity’ ...???*

(Neri Oxman)



## WHAT IS ART???

*Post-Modern/ Posthuman definitions?; & potential futures??*

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### Stephen Wright

Symposium Beijing / 30.05 – 01.06. 2014 /  
CAFA Art Museum  
Day 2: HOW DOES CULTURE INFLUENCE THE  
ARTISTIC WORK OF A COLLECTIVE?  
Lecture on the Usological Turn in Collective Thought:  
"Usership 3.0"



*Lecture on the Usological Turn in Collective Thought: "Usership 3.0"*  
["http://thecollectiveeye.org/stephen-wright"](http://thecollectiveeye.org/stephen-wright)

#### ABOUT

Stephen Wright is a Paris-based art writer and teaches the practice of theory at the European School of Visual Arts (eesi.eu). His writing has focused primarily on the politics of **usership**, particularly in contexts of **collaborative, extradisciplinary practices** with variable coefficients of art. His current research seeks to understand the ongoing **usological turn in art and society** in terms of contemporary escapological theory and practice. In



ART (as we understand it in mainstream modernity) is a 'holy trinity' of;

*Artwork*

*Authorship*

*Spectatorship*

- Art emerges/ appears/ exists in the world in the form of an artwork
- Art can, in some cases, also emerge as a process, proposition etc. (but this is somehow inferior/ subordinate to the 'artwork')
- Co-authorship exists (experimental), but the notion of the single signature artist remains supreme (the producer as the heroic figure of modernist life)
- Spectatorship – vs – 'Usership' ... generally, art's current model is intended for activation through spectatorship
- Authorship <<< 'Usership' >>> Spectatorship; (bridge the divide / a new & collective category of subjectivity???)

It's "Just Art"... (Immanuel Kant (fat worm of error): "art should be characterised by its purposeless purpose")

Objecthood // artwork // The Museum... 'the price to pay for art was putting the object between the invisible parenthesis of its uselessness; suspending it's utility' ... 'perform it as art' (e.g. Duchamp)?

Rethinking art & the world/ spaces in which it operates/ is activated...

- e.g. Art's obligatory contract to Aesthetic function ... art would be 'misused' if it were applied to other functions?
- What if we deactivate art's aesthetic function?
- (other functions e.g.); Epistemic (art as research)/ Social function/ heuristic function/ Political function (activist) etc.

### What if there was nothing?

I'm an 'Art User'...?? (like 'I'm a library user/ Facebook user')

The User – usership is defined through its use; it is not nothing. In using, value is produced...

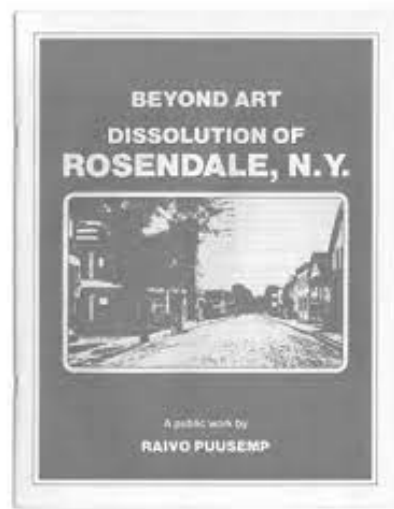


<https://museumarteutil.net/wp-content/uploads/2013/12/Toward-a-lexicon-of-usership.pdf> (Publication ... 'lexicon' / 'glossary' format)

## 1:1 Scale

How can this be imagined/created - what would it look like?

<https://makinguse.artmuseum.pl/en/slownik-skala-11/> - “Artists, former artists, and non-artists working in a 1:1 scale undermine the legitimacy of creating artificial models or mock-ups of reality in spaces reserved for art... Artistic practice in a 1:1 scale is exemplified by the actions of the Estonian-American conceptual artist Raivo Puusemp, who in 1975 was elected as the mayor of the city of Rosendale [‘artwork’ named Dissolution]. The artist effectively solved the infrastructural problems of the city – by eliminating the city council and giving up his function.”



<https://www.e-flux.com/announcements/33529/raivo-puusemp-dissolution/>

Rasheed Araeen - *Art Beyond Art*

“Reorganising artistic attention”

[see also; **ART** entry in *The Posthuman Glossary* (Tom Holert)]

Post -ello

The new Intuiview™ technology is a revolutionary way to view the world. It combines the power of intuition, rereview and anthropoview into one intuitive process. Now, you can view your life through different lenses - neoview, inview, viewview and more!



The prereinterview is the first and most important step of any interview. It's a chance for you to get to know your interviewer, and them to get to know you. It's also a chance for you to make sure that this is the job you want, and that it's the right time in your life for this particular job. This is why we've developed Intuiview: A system that lets us see into your mind as you think about the interview. We can then use this data to determine if we're all on the same page, or if there are questions that need answering before we move forward with the interview process.

The Intuiview is a tool for deep listening to the stories of people who are often overlooked. It's a way to learn about their lives, their hopes and dreams, their challenges and successes. We use it in our work with communities around the world, and we'd like to share it with you. The Intuiview is an interview format that uses visual images as prompts. It's designed to help you see your community members as whole persons rather than stereotypes or statistics; to hear them describe their own experiences; and to understand what they value most in life.

I have been doing some research on the new trend of "pre-interview" and "intuiviews" and I am not sure what to make of it. It is an interesting concept, but will it work? I mean, how do you know if someone is going to be a good fit for your company without having them do a full interview? The problem with that is that some people are just really good at interviewing. Some people are just really good at interviewing. How do you know who is who? Or maybe they are just really good at lying? Maybe the best way to find out if someone is right for your company or not is to have them come in for a day, see how they interact with others, see

A behind the scenes look at the creation of our latest painting. This is a collaboration between artist Nelson Flores and I, and it's entitled "Genius Behind the Scenes". It was created in response to all of the hard work that goes into creating something beautiful, and how often we don't recognize or appreciate those who make it possible. We hope you enjoy!

We are delighted to announce the launch of our new art series, inspired by the many talented artists who have created their masterpieces using our tea leaves. Behind every great artist is a team of equally talented people who help them create their magic. We believe that behind every great artist there is an even greater team of people who helped them achieve greatness. This series will tell the story of the many different individuals who made it possible for these artists to create these beautiful pieces.

"meta\_industry":

Painting is a form of expression. It's the art of creating something from nothing. The process, the struggle, the joy and the pain. It's a way to express your feelings in an abstract way that only you could understand. It's not always easy but it's always worth it. @ Lower Mainland, B.C.

“Its a way of saying in words what can't be said in words”

The picture is open

It's not about us

Landscape of Possibilities

Practice as:

[An ongoing installation of thought -vs- / & / = An accumulation of possibilities]

*The Practice is Open*

...the practice of maintaining an open practice ?

**brain hiccup 2**

for as many play-ers as possible (minimum 5)

- before playing, each play-er randomly determines the ordering from first to fifth of five fortis fricative consonant phonemes:

f as in find

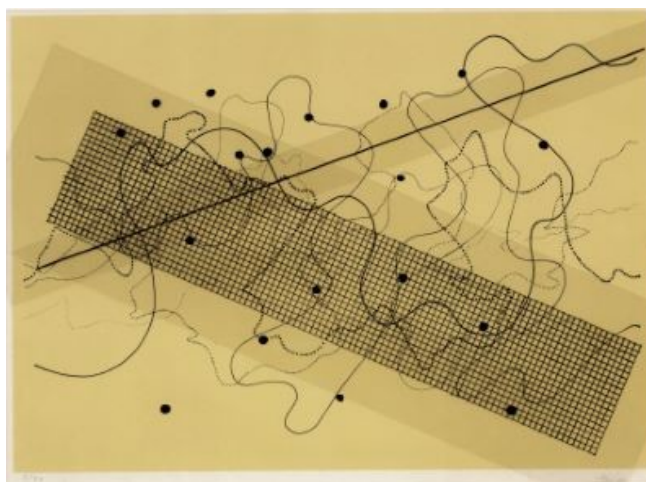
s as in stone

ʃ as in shore

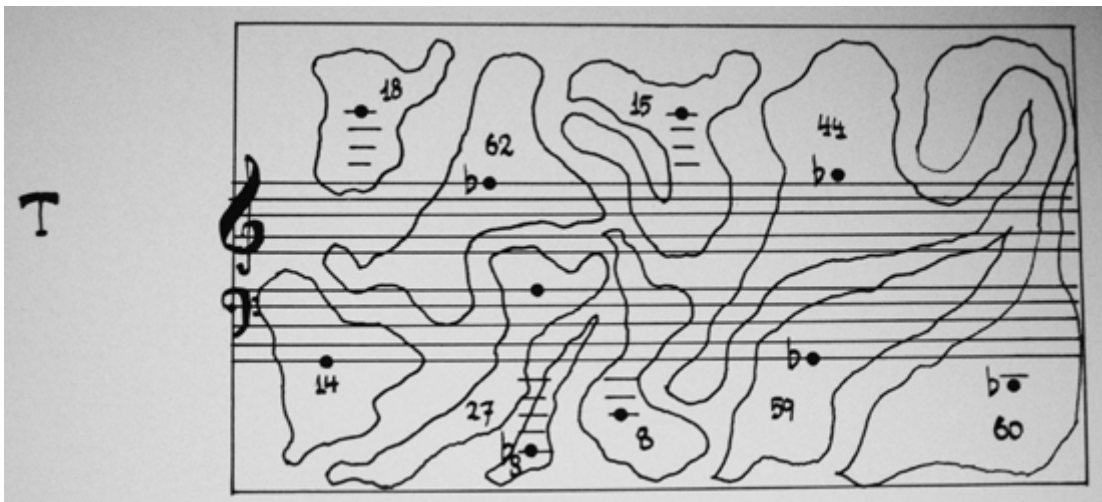
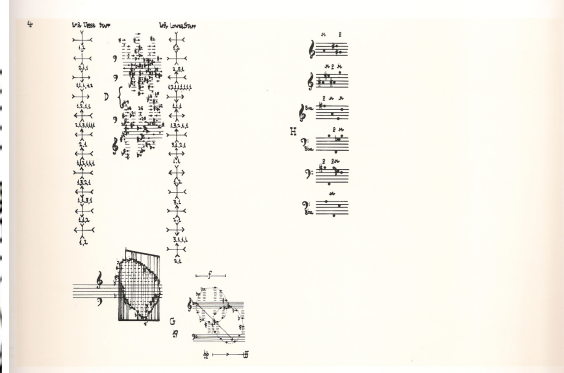
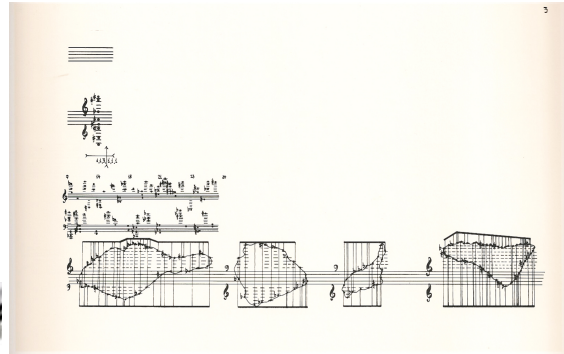
θ as in throw

x as in loch

- all play-ers then begin together, each:
  1. starts on an exhalation by playing their randomly-determined first phoneme in one breath for as long as possible
  2. inhales and then on the next exhalation plays their randomly-determined second phoneme again in one breath for as long as possible
  3. inhales and then on the next exhalation plays their randomly-determined third phoneme again in one breath for as long as possible
  4. inhales and then on the next exhalation plays their randomly-determined fourth phoneme again in one breath for as long as possible
  5. inhales and then on the next exhalation plays their randomly-determined fifth phoneme



John Cage Scores

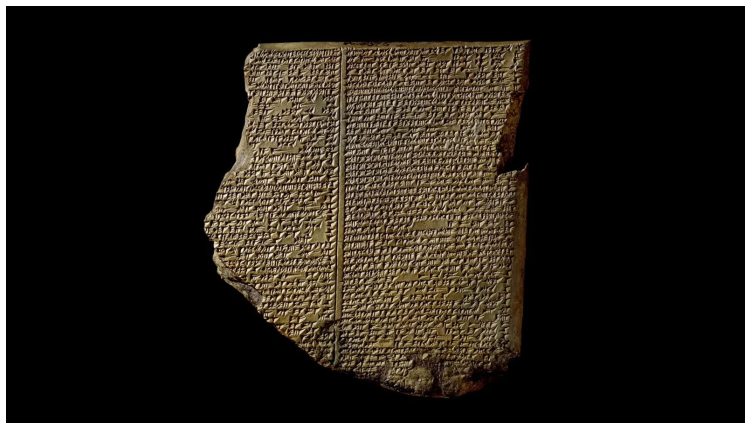


Biological / Evolutionary necessity for 'art' / fictions?

## “Literary Darwinism”

a branch of literary criticism that studies literature in the context of evolution by means of natural selection, including gene-culture coevolution.

Evolutionary readings of literature.../ Why do we need narratives?... “The Fiction Addiction”



The epic of Gilgamesh has endured for 4,000 years

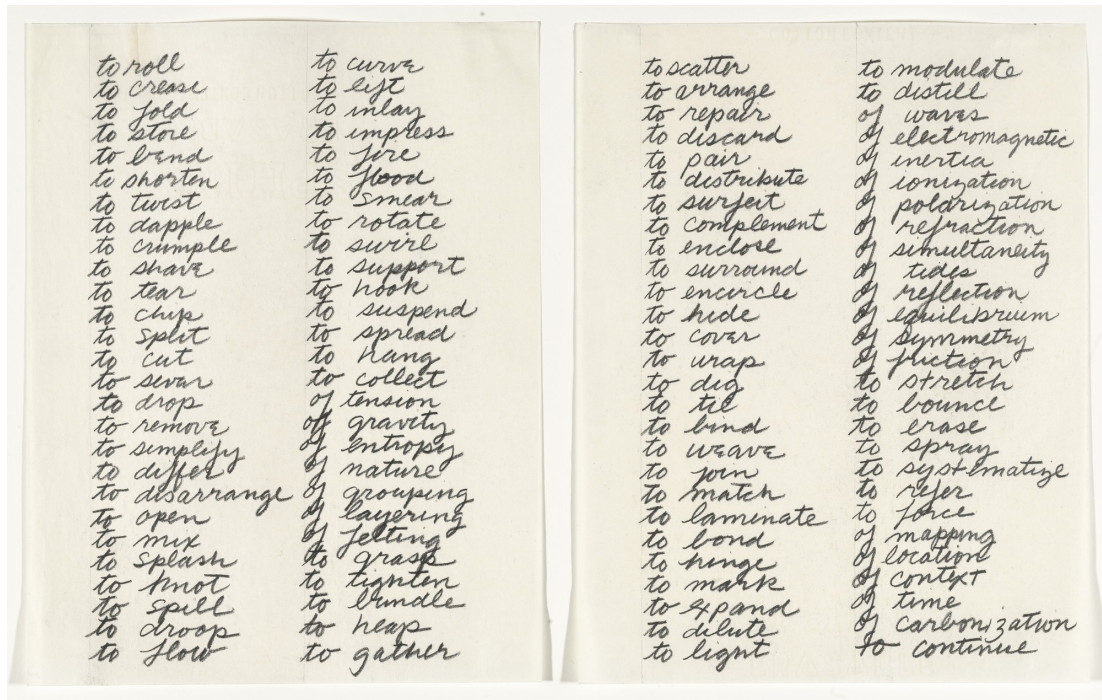
Escapism?

Fiction & Empathy?

Fiction teaches us to cooperate & empathise with each other?

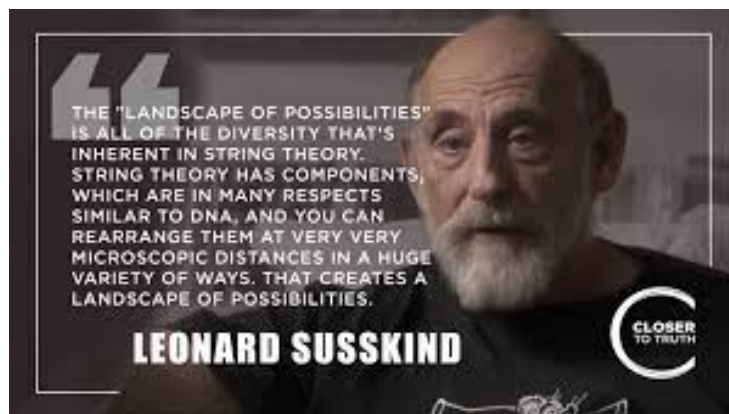
Common Culture/ Common emotional ground... “the literary animal”

Richard Serra, 'Verb List Compilation: Actions to Relate to Oneself' (1967-1968)

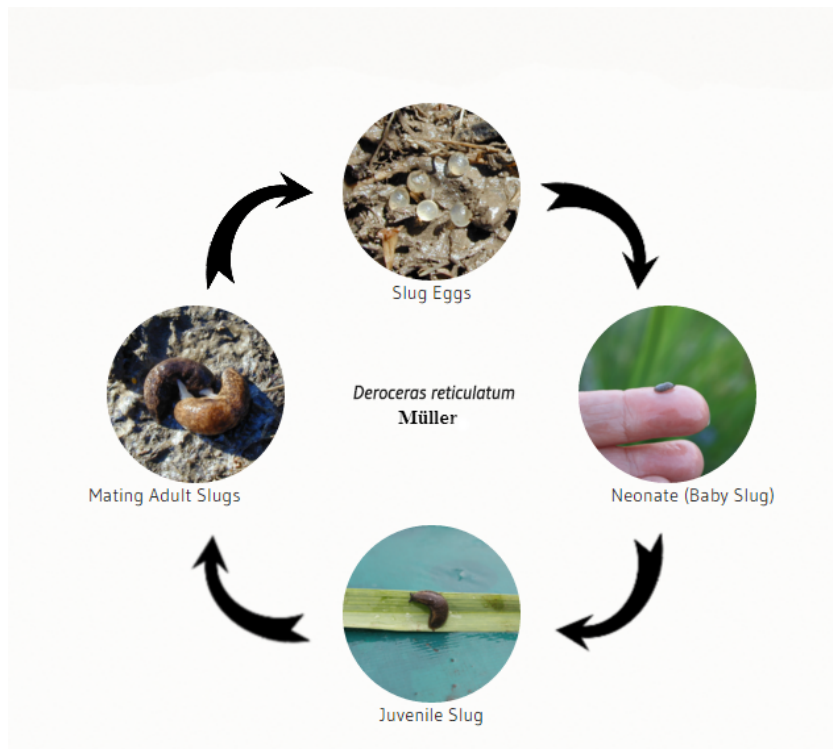
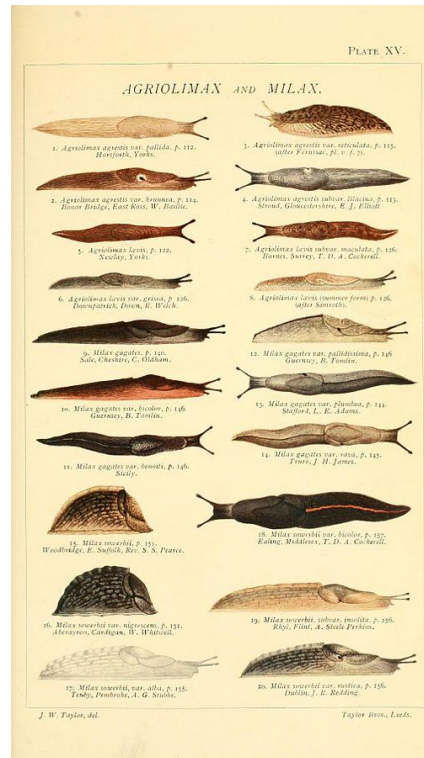
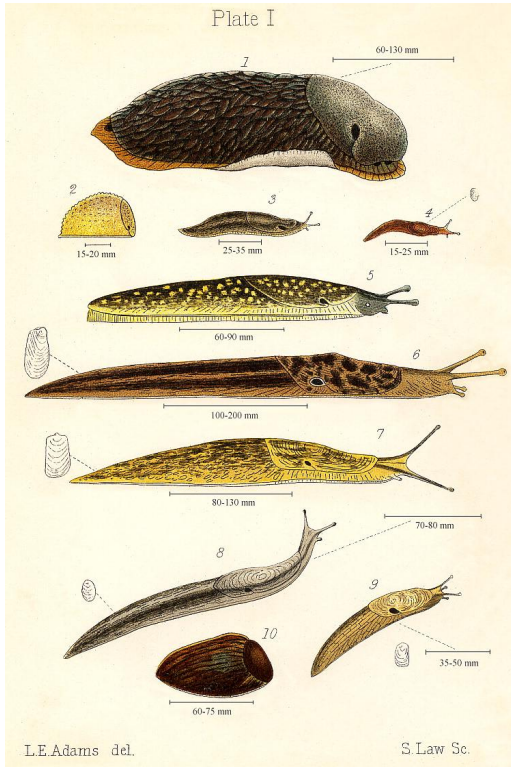


Physicist Leonard Susskind on the Multiverse & “The Landscape of Possibilities”!!!

[https://www.youtube.com/watch?v=z27k9\\_NP4FU&ab\\_channel=CloserToTruth](https://www.youtube.com/watch?v=z27k9_NP4FU&ab_channel=CloserToTruth)



# SLUGS



# slug<sup>1</sup>

Invertebrate

Drink

Metallurgy

Weapons

Printing

Computing

*noun*

noun: **slug**; plural noun: **slugs**

1. 1.  
a tough-skinned terrestrial mollusc which typically lacks a shell and secretes a film of mucus for protection. It can be a serious plant pest.
2. 2.  
a slow, lazy person.
3. 3.  
an amount of alcoholic drink that is gulped or poured.  
"he took a **slug** of whisky"
4. 4.  
an elongated, typically rounded piece of metal.  
"the reactor uses embedded **slugs** of uranium"
  - **NORTH AMERICAN**  
a bullet, especially a lead one.
  - a missile for an airgun.
5. 5.  
a line of type in Linotype printing.
6. 6.  
**COMPUTING**  
a part of a URL which identifies a particular page on a website in a form readable by users.  
"writers can edit the slug that will become an article or page URL"

*verb*

verb: **slug**; 3rd person present: **slugs**; past tense: **slugged**; past participle: **slugged**; gerund or present participle: **slugging**

1. drink (something, typically alcohol) in a large draught; swig.  
"she picked up her drink and slugged it straight back"

## Origin

late Middle English (in the sense 'sluggard'): probably of Scandinavian origin; compare with Norwegian dialect *slugg* 'large heavy body'. Sense 1 dates from the early 18th century.



# slug<sup>2</sup>

INFORMAL•NORTH AMERICAN

*verb*

verb: **slug**; 3rd person present: **slugs**; past tense: **slugged**; past participle: **slugged**; gerund or present participle: **slugging**

1. strike (someone) with a hard blow.

"he was the one who'd get slugged"

- settle a dispute or contest by fighting or competing fiercely.

"they went outside to slug it out"

*noun*

noun: **slug**; plural noun: **slugs**

1. a hard blow.

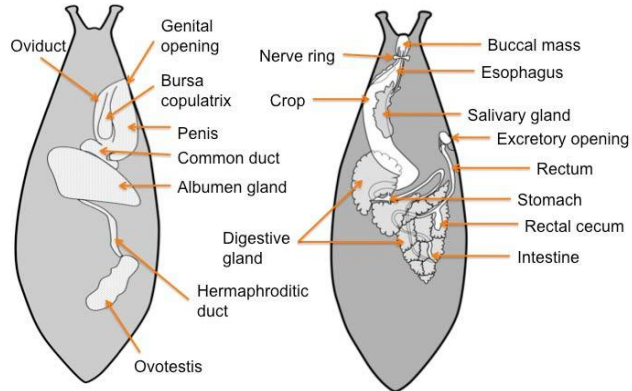
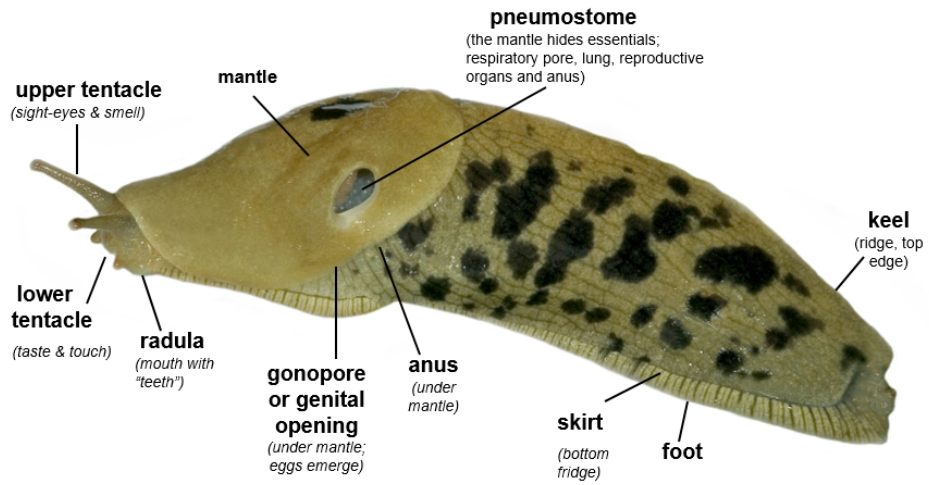
Translate slug to Choose

language Afrikaans Albanian Amharic Arabic Armenian Azerbaijani Bangla Basque Belarusian Bosnian Bulgarian Burmese Catalan Cebuano Chinese (Simplified) Chinese (Traditional) Corsican Croatian Czech Danish Dutch Esperanto Estonian Filipino Finnish French Galician Georgian German Greek Gujarati Haitian Creole Hausa Hawaiian Hebrew Hindi Hmong Hungarian Icelandic Igbo Indonesian Irish Italian Japanese Javanese Kannada Kazakh Khmer Kinyarwanda Korean Kurdish Kyrgyz Lao Latin Latvian Lithuanian Luxembourgish Macedonian Malagasy Malay Malayalam Maltese Māori Marathi Mongolian Nepali Norwegian Nyanja Odia Pashto Persian Polish Portuguese Punjabi Romanian Russian Samoan Scottish Gaelic Serbian Shona Sindhi Sinhala Slovak Slovenian Somali Southern Sotho Spanish Sundanese Swahili Swedish Tajik Tamil Tatar Telugu Thai Turkish Turkmen Ukrainian Urdu Uyghur Uzbek Vietnamese Welsh Western Frisian Xhosa Yiddish Yoruba Zulu

Use over time for: slug



# Slug Parts

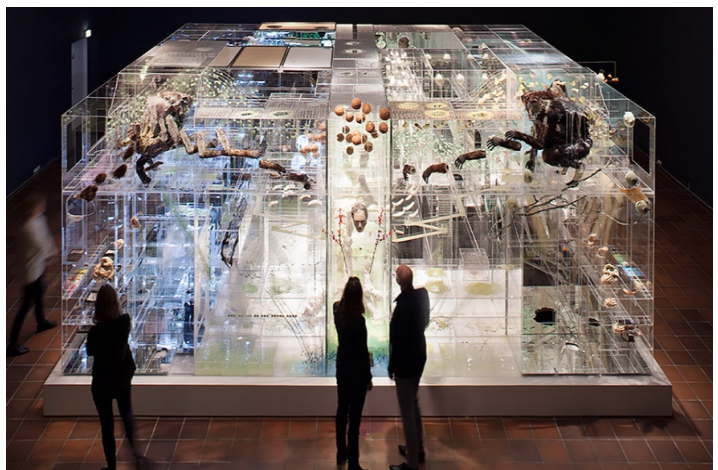


University of Florida



^ Louise Bourgeois 'The Couple'

Bourgeois' 'Cell' installations...



# Nudibranch (Sea Slugs)

*Nudi - Branch (Naked - Lung)*



<https://www.youtube.com/watch?v=KLVfWKxtfow>

## Semi Slug

A slug with an external shell not large enough for the body to pull back into.



<https://www.youtube.com/watch?v=LSMtaF6BA9E&t=12s>

Furthermore, in the lineages leading from snails to slugs, an intermediate stage occurs called a semi-slug. In contrast to snails that have an external shell large enough to accommodate the body, or slugs in which the shell is completely internal or absent, semi-slugs have an external shell, but the shell is too small to accommodate the animal's entire body. Curiously, semi-slugs evolved from snails at least 22 times.

	Predator protection	Desiccation protection	Need less calcium	Fit in tiny hidey holes
Snail	+	+	-	-
Semi-slug	-	-	-	-
Slug	-	-	+	+

Transhumanism

Semi-human

Post-snail / pre-slug

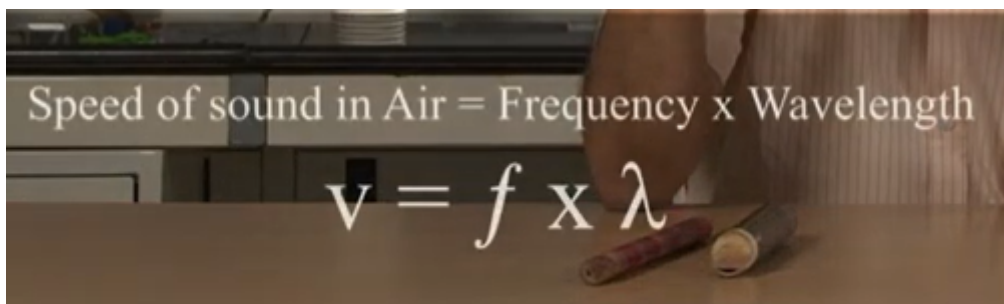
BRAIN WORMS / MIND SLUGS

Bug thoughts / Slug thoughts

<https://pharmaceutical-journal.com/article/news/slug-mucus-inspires-tough-adhesives-for-repair-of-biological-tissues>

Slug questions for slug expert

1. Why do slugs take so long to mature
2. Can you tell us some information about slugs
3. What's your favorite kind of slug? & why?
  4. What do slugs use?
5. What would a slug slug in a slug notebook?



The theoretical work introduced thus far participates in the forging of what French philosopher Jean-Luc Nancy calls “co-ontology” or “plural ontology.” The life of any mortal creature writes itself in the singular plural; there is no human or nonhuman being that is not, at the same time, an embodied “being-with” or co-existence of self and other: “Being singular plural means the essence of Being is only as coessence. In turn, coessence, or being-with (being-with-many), designates the essence of the co-... Coessentiality signifies the essential sharing of essentiality, sharing as assembling.”<sup>21</sup>

#collectivise

(Write’s critique of Art’s ‘Double Ontology’ could be replaced with ‘Co- ontology’)

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