"We live
in capitalism.
Its power seems
inescapable.
So did the divine right
of kings."
Ursula le Guin 2014

COP26
takes place
this year in Glasgow;
countries will report on
whether they are meeting
the **carbon reduction commitments** they
made in **Paris in 2015**

Build
Back Better? G20
members are giving **50% more coronavirus recovery funding to fossil fuels** than to clean energy;
the British government is allowing
a new **coal mine to be built in Cumbria**

Post-
Brexit Britain is
set to continue to use the
Global South as its **dumping ground for unsorted plastic waste; the EU has banned the practice.**

Regenerative
agriculture -
returning organic matter
to the soil, rather than
using synthetic and mainly
fossil-fuel derived fertilisers
- both restores soil health and
sequesters carbon.
Landworkers' Alliance
Kiss the Ground
4perMille
Project Drawdown

we are
EARTHBOUND

the earth calls us to bear witness
bound to a piece of earth
bound to Earth
bound to the earth

Chthonic:
adj. Of or relating
to the underworld.
adj. Pertaining to
the earth; earthy.

Over 50%
of global land
surface is threatened by
biodegradation. We have no
more than 100 harvests left (some
say 50).

Since around 1930 petroleum-
based agriculture has released
50-70% of soil's carbon into
the atmosphere.

More than
80% of the
world's farmland
is used to raise and
feed cattle and other
livestock, but these
provide only 18% of
all calories
consumed

Clock time
vs sun time

The 1st February is
the Celtic festival of
IMBOLC - the quickening of
the year ~ a time of potential ~
renewal ~ **CHANGE -**
the casting out of old paradigms
and lifeways that do not serve us

cyclical time and linear time

RASHEEDAH PHILLIPS and AFROFUTURISM

le Guin was influenced by
MURRAY BOOKCHIN's 1971
book **POST-SCARCITY ANARCHISM**

In
URSULA LE GUIN's
1974 book **THE DISPOSSESSED**
Shevek, an a physicist
in the anarchist society
of Anarres, develops the
General Temporal Theory,
a model of time which
unifies simultaneity and
sequentiality

and the
SAPIR-WHORF HYPOTHESIS about
how language shapes
culture: "You can
share the handkerchief
I use" rather than
"You may borrow my
handkerchief"

see also
feminist
sci-fi
classic
MOTHER TONGUE
by **SUZETTE HADEN ELGIN**

and **DAVID ABRAMS'**
THE SPELL OF THE SENSUOUS,
which discusses the
disconnection that took
place with the development
of written language and the
use of abstract letters
rather than symbols and
pictograms

and **ROBIN WALL KIMMERER'S**
ESSAY on finding language that affirms
our kinship with the natural world

and... and...

1 to 5% of the soil's
weight is alive and **a quarter** of all animal
species on Earth live in
or under the ground,
providing the nutrients
for the food that we
eat

A
2019 report
estimated that
10% OF FOSSIL FUEL SUBSIDY CASH COULD PAY FOR A CLEAN ENERGY REVOLUTION

2500
Gigatonnes of Carbon
is stored **in soil** - nearly
80% of the carbon in terrestrial
ecosystems.
41% of that carbon is stored
in permafrost, which has
been **melting** at levels not
expected until 2090

27% of the
carbon stored in soil
is held by **glomalin**, a soil
glue secreted by **arbuscular mycorrhizal fungi.** These fungi
partner with plants to exchange
nutrients, water and information.
Glomalin also improves soil structures and
reduces erosion.

It was mycorrhizal fungi that broke rocks
down into the soil that early plants
could grow in.

Without fungi, no forests.
Without fungi, no us.

In
STAYING WITH THE TROUBLE, the scholar
Donna Haraway suggests we use the term
Cthulucene, saying:
...unlike either the Anthropocene or the Capitalocene, the Cthulucene is made up of ongoing multispecies stories and practices of becoming-with in times that remain at stake, in precarious times, in which the world is not finished and the sky has not fallen—yet... Unlike the dominant dramas of Anthropocene and Capitalocene discourse, human beings are not the only important actors in the Chthulucene, with all other beings able simply to react.

The
order is
reknitted: human
beings are with and of
the earth, and the biotic
and abiotic powers of this
earth are the main story.

What happens when human
exceptionalism and the utilitarian
individualism of classical political
economics become unthinkable in the
best sciences across the disciplines
and interdisciplines? Seriously
unthinkable: not available
to think with...

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