

Scale Travel # 3

Between Scales: Travel Manual

What

Where

How

What is/are between scales?

What happens between scales?

What are their significances?

What

Where

How

Where do we locate between scales?

Is there a physical space for it?

If so, what are the spatial characteristics?

What

Where

How

How do they establish and maintain itself?

How do they interact or intra-act with their surroundings?

How do we perceive, structure, control them?

HoroScope-Astrology

Darwinian Evolutionary Theory

A.I

Fiction **Relation** Process

Realm of Magic

Responsive

Interactive

Intra-active

Energy Transformation

Data Accumulation

Beginning and Ending

Energy Transformation

Data Accumulation

Beginning and Ending

Exercise 1

Locating void

Step 1

Write down:

Where do you find void?

Are all voids the same?

How do void become and disappear?

Step 2

Look back at your answers, analyse every turn of thought, every choice, decision, and trace them back to which it might be influenced by.

Draw links, make a map tracing knowledge connections.

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Case 1

Emptiness

Buddhism conception of emptiness

間 the idea of in between

時間 空間 人間 陰間

Empty space in Traditional Chinese Paintings

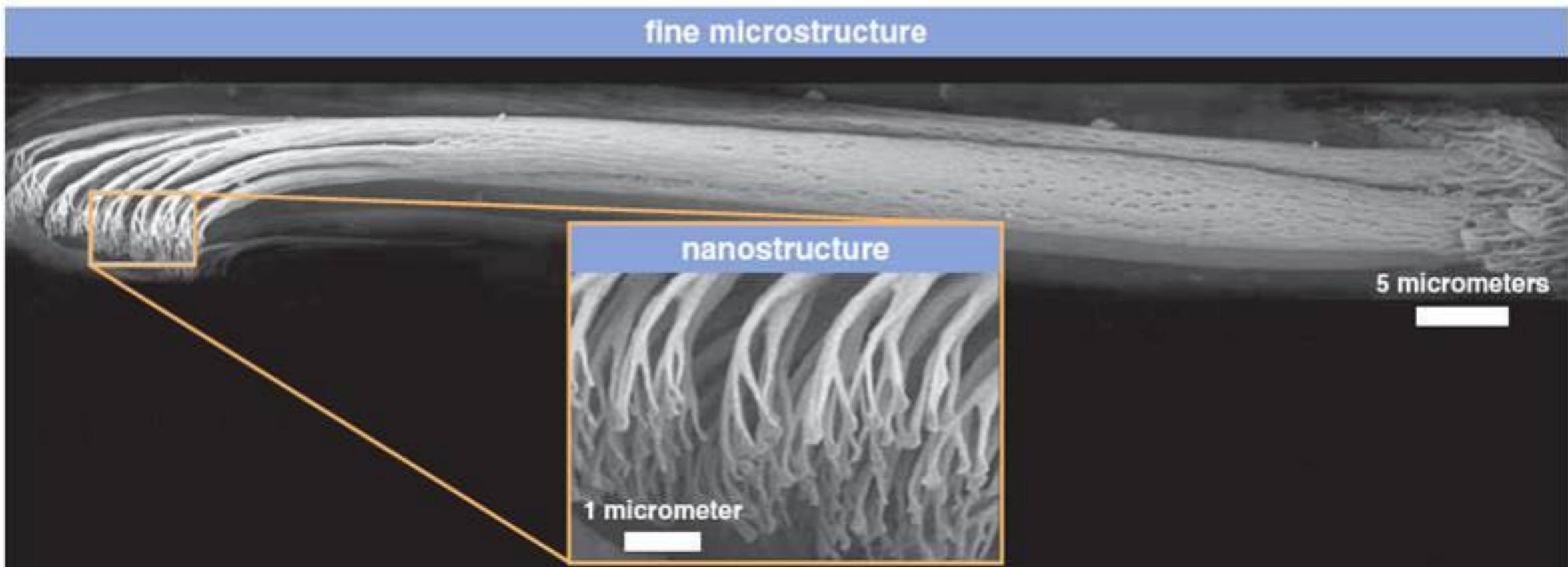
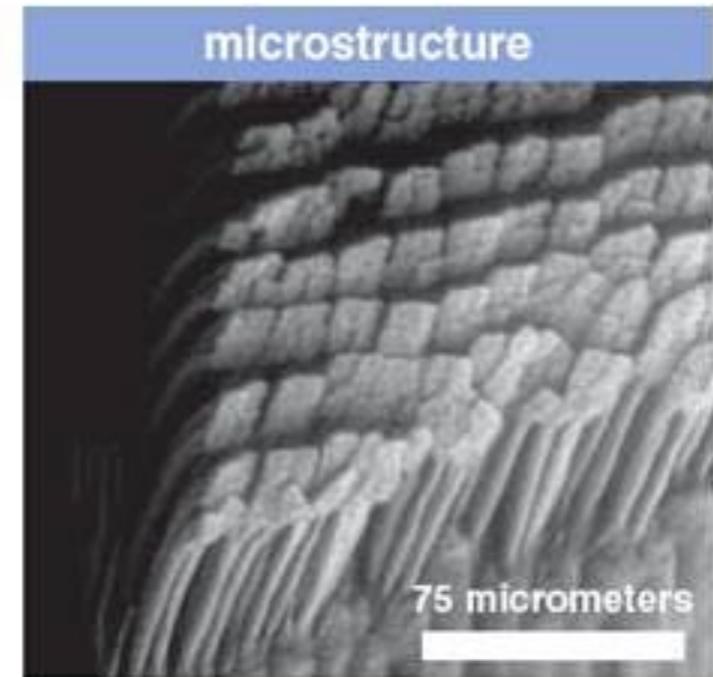
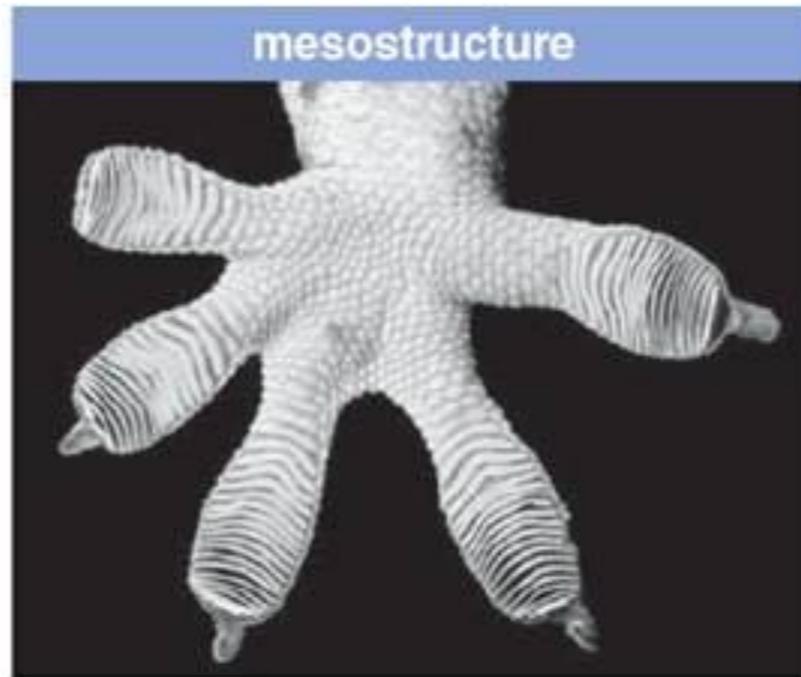
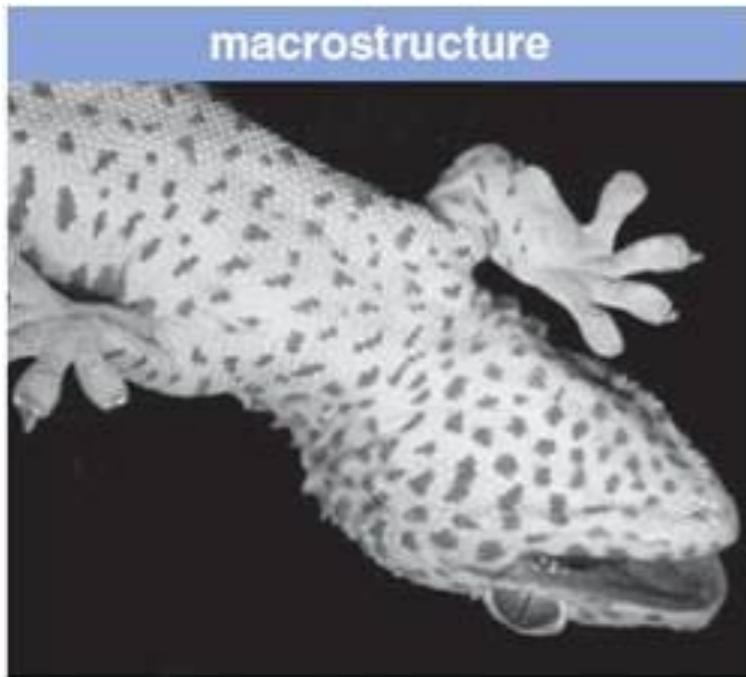
Case 2

Stickiness

Sticking as an inter-scale phenomenon

For two things to stick together their surfaces must come in contact as closely, and at as many points, as possible. Once their molecules become extremely close a force called the van der Waals force kicks in, which produces an electromagnetic pull between the molecules as their electrons start interacting and adjust their orbits so as not to repel. It's named for the Dutch scientist Johannes Diderik van der Waals.

Most surfaces do not stick naturally because on the microscopic level, they are not really smooth, so their molecules don't really come in contact with each other in many places. When you add an adhesive in between them, it molds itself to fit into all the little spaces between molecules, coming in close enough range for the van der Waals force to take over.



Tool

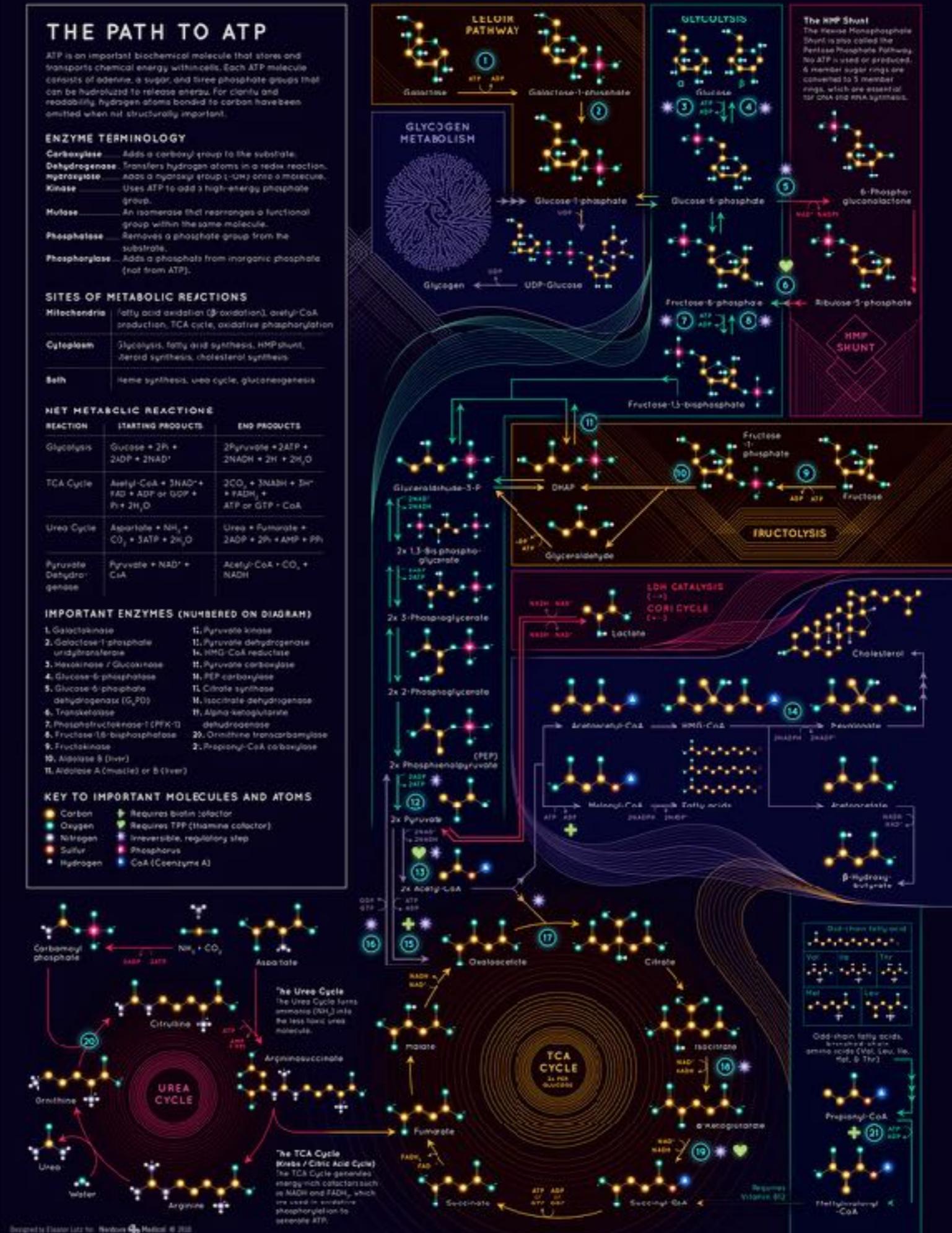
Mapping

Physical tracing

Info graphics

Score making
score (less)

Archive making



Tool

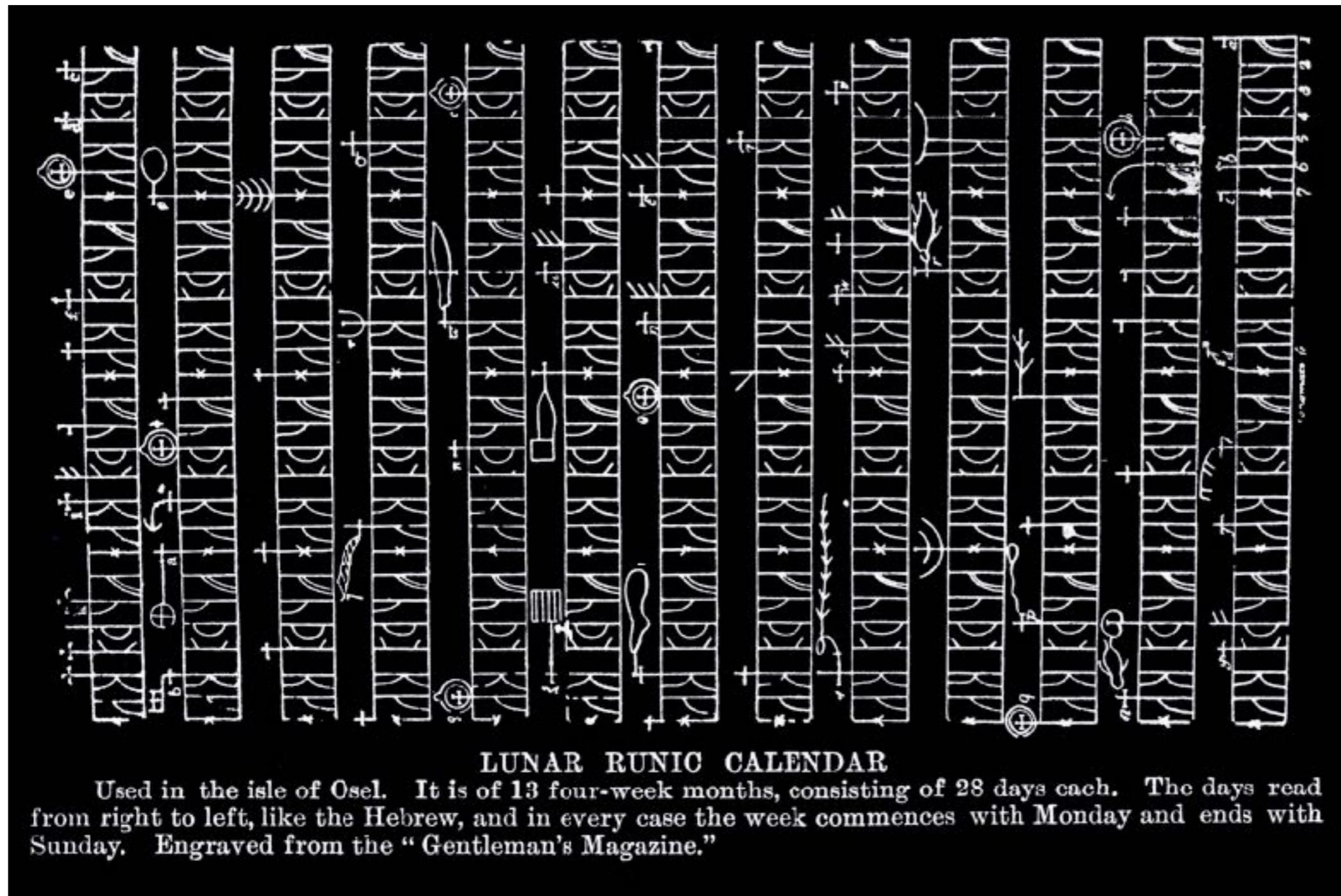
Timeline

Circular time

Calendar

Non-linear time

Non-visual time



Making

Travel Manual

Inter-scale guide

Scenario

Logic

Limitation

Physicality

Body

Bodies

Movement

Time-space

Site

Happening

Duration

Mapping

Connection

Impact

Invisible forces

Muse

The Garden of Forking Paths
Jorge Luis Borges

To Victoria Ocampo

In his A History of the World War (page 212), Captain Liddell Hart reports that a planned offensive by thirteen British divisions, supported by fourteen hundred artillery pieces, against the German line at Serre-Montauban, scheduled for July 24, 1916, had to be postponed until the morning of the 29th. He comments that torrential rain caused this delay - which lacked any special significance. The following deposition, dictated by, read over, and then signed by Dr. Yu Tsun, former teacher of English at the Tsingtao Hochschule, casts unsuspected light upon this event. The first two pages are missing. ..