

# **BAUHAUSBÜCHER**

**EDITORS:**

**W. GROPIUS**

**L. MOHOLY-NAGY**

# **2**

**PAUL KLEE**

**PEDAGOGICAL SKETCHBOOK**

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# **PEDAGOGICAL SKETCHBOOK**

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AND  
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BY  
L. MOHOLY-NAGY**

**This book was compiled  
in summer 1924. Technical  
difficulties prevented  
its timely appearance.  
The individuals making up  
the erstwhile State  
Bauhaus have concluded  
their activities in Weimar  
and continue them under  
the name of:  
DAS BAUHAUS IN  
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INITIAL PLAN FOR A SECTION OF THE  
INSTRUCTION AT THE STATE BAUHAUS  
IN WEIMAR



## 8 Material Structures

in nature.

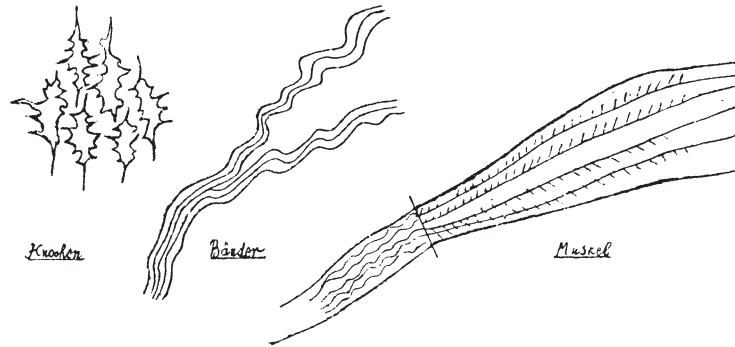


Fig. 21

Structural concept in nature: The grouping of the smallest recognizable entities in matter:  
 Bone matter is cellular or tubular.  
 Ligament structure is a sinuous-fibrous web.  
 Tendons are continuous with the connective tissue of the muscle, strengthened by cross grain.



## 9 The natural organism of movement as kinetic will and kinetic execution. (Supra-material).

**A** Bones are coordinated to form the skeleton. Even at rest they depend on mutual support. This is furnished by the ligaments. There is a secondary function; one could speak of a hierarchy of function. The next step in motoric organization leads from bone to muscle. The tendon is the mediary between these two.

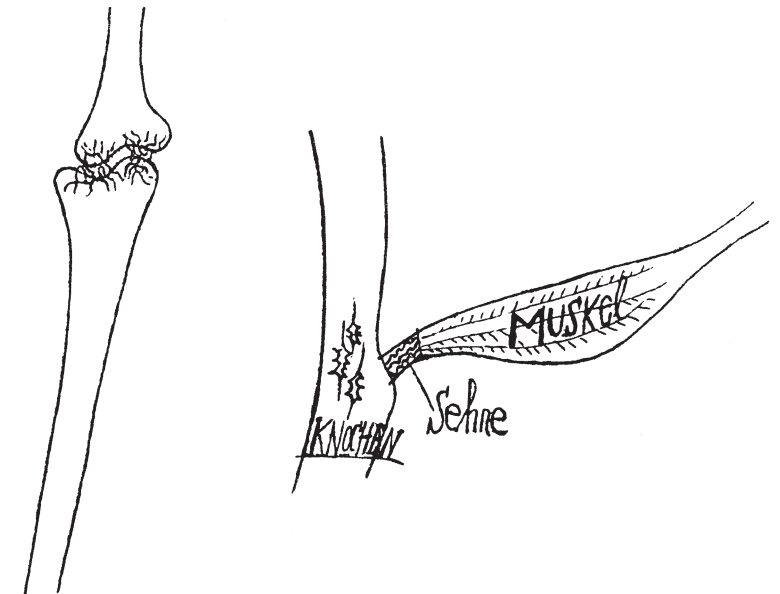


Fig. 22

**Proof of the statement about the horizontal.**

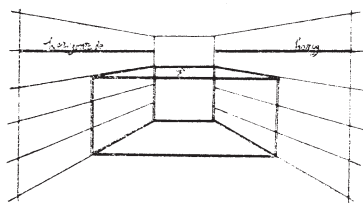


Fig. 41

Fig. 41: The inserted space box gives the subject a view of the upper plane; therefore this plane should lie below his eye level. Indeed, the horizontal is situated above.

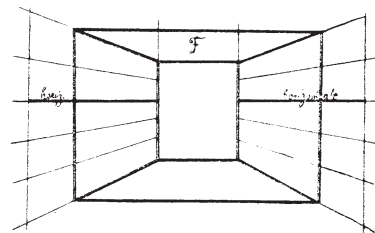


Fig. 42

Fig. 42: The inserted space box gives the subject a view of the inside plane; therefore this plane should lie above his eye level. Indeed, the horizontal line is below.

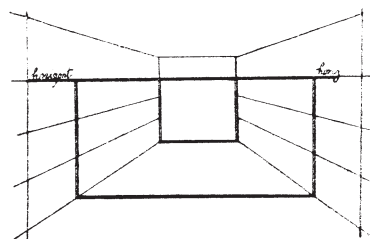


Fig. 43

Fig. 43: In this case, however, the eye sees the upper plane of the space box neither from above nor from below. The plane appears merely as a horizontal line. Consequently, it must lie exactly on eye level. Indeed, the rim of the upper plane coincides with the horizontal.

**20 Once more the vertical.**

Why is Fig. 44 as representation of a house wall incorrect? It isn't wrong logically. The lower window openings are closer to the eye than the upper ones, which means they are "larger" perspectively. As representation of a floor pattern, this perspective rendering could be easily accepted. This picture therefore **is not incorrect logically**, but **psychologically**. Because every creature, in order to preserve his balance, insists on seeing actual verticals projected as such.

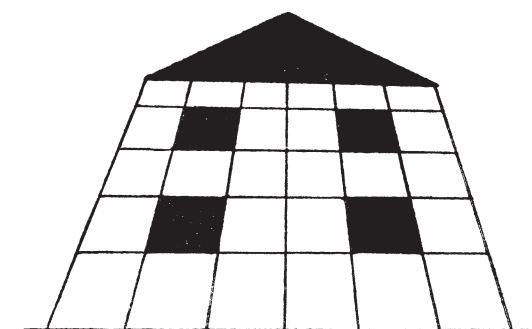


Fig. 44

Because every creature, in order to preserve his balance, insists on seeing actual verticals projected as such.

**21**



Fig. 45

The tightrope walker with his pole. Horizontality. The Horizon as actuality.

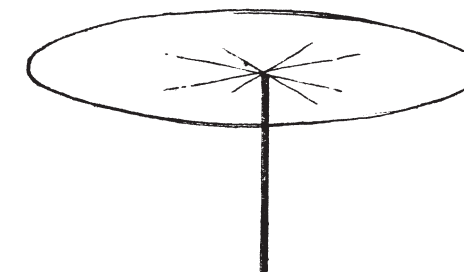


Fig. 46

Horizontality: The Horizon as supposition.

The **vertical indicates the straight path** and the **erect posture** or the **position** of the creature. The **horizontal** indicates his **height**, his **horizon**. Both are completely realistic, static facts.

27 AIR.

Fig. 54: A bullet, fired at a steep angle, rises with diminishing energy into the air; it **turns**, and falls to earth with accelerated energy.

(Loose continuity.)

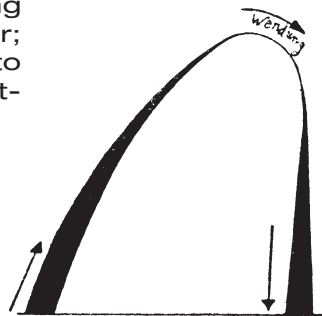


Fig. 54

28 EARTH (mountain).

Fig. 55

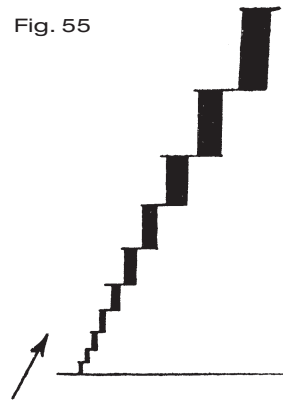


Fig. 55: A climber of stairs, ascending with increasing energy from step to step.

(Rigid continuity.)

29 WATER.



Fig. 56

The leg strokes of a swimmer—rhythm in loose continuity.

30 EARTH (mountain) and AIR combined.

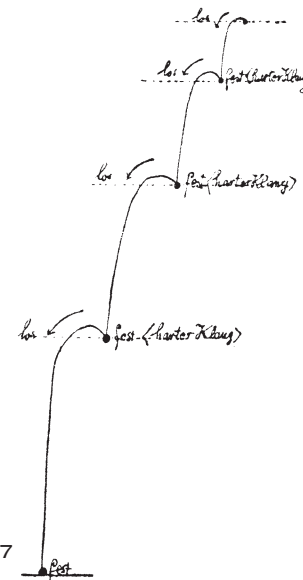
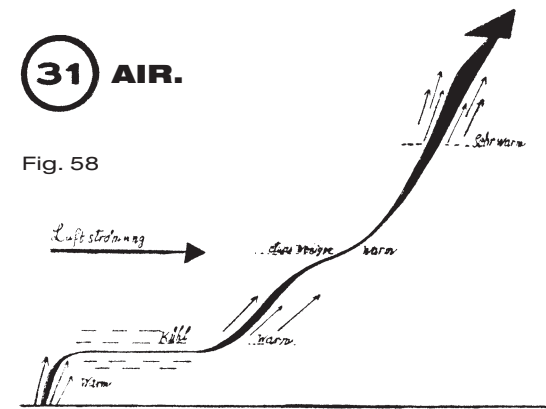


Fig. 57

A stone falls. Increasing in acceleration, it bounces down a steep hill. (Continuity partly loose, partly rigid.)

31 AIR.

Fig. 58



A balloon rises from a warm into a cool air stratum, then into a somewhat warmer and finally into a very warm region. (Loose continuity.)

32 Cosmic and atmospheric combined.

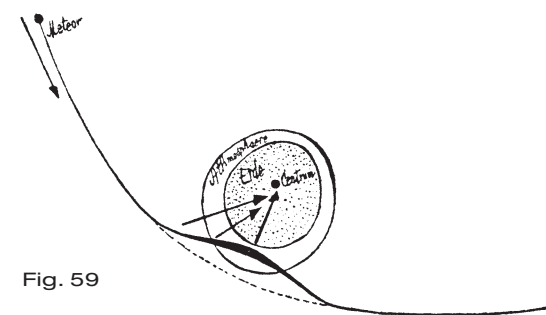


Fig. 59

Fig. 59: A meteor moves along its orbit. Attracted by the earth, it is deflected from its course and traverses the earth's atmosphere. As shooting star, it barely escapes the peril to be tied forever to the earth, and moves on into the stratosphere, gradually cooling off and extinguishing. (Loose continuity.)

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