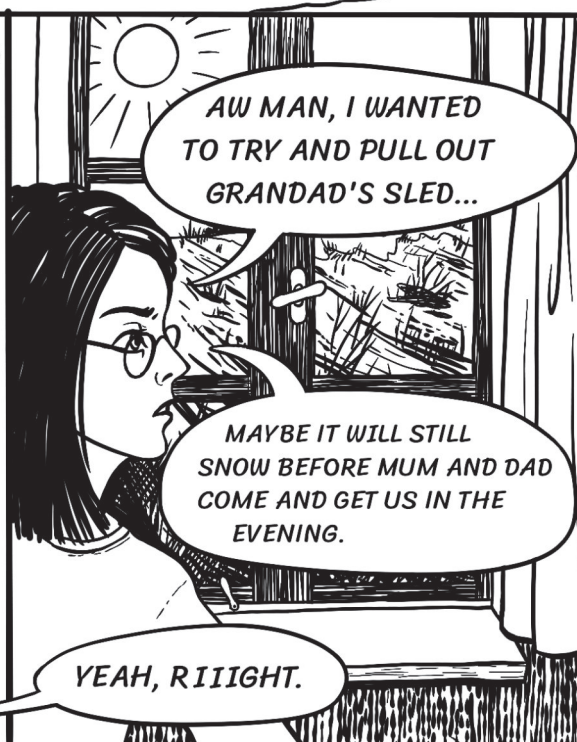


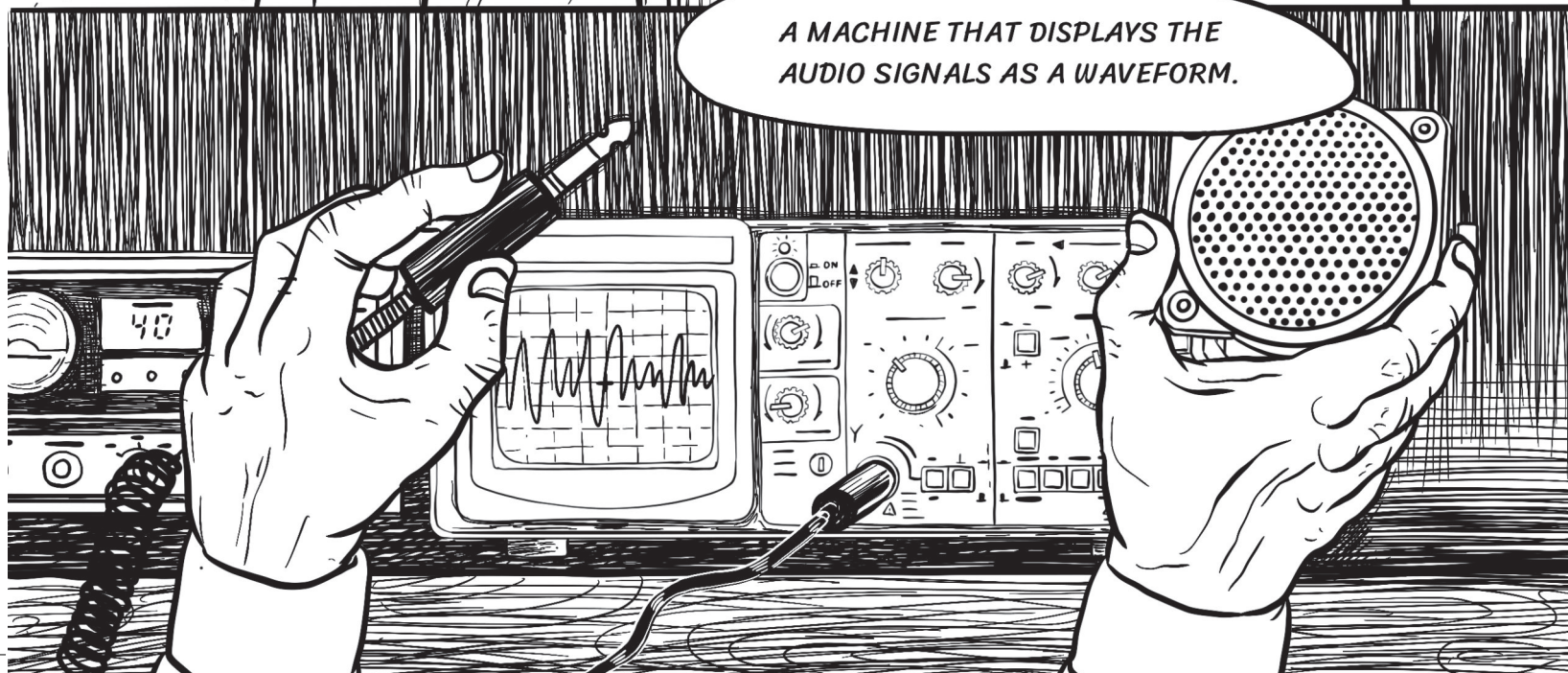
WHEN THE EARTH FLARES UP

THE STORY OF THE GEOMAGNETIC FIELD

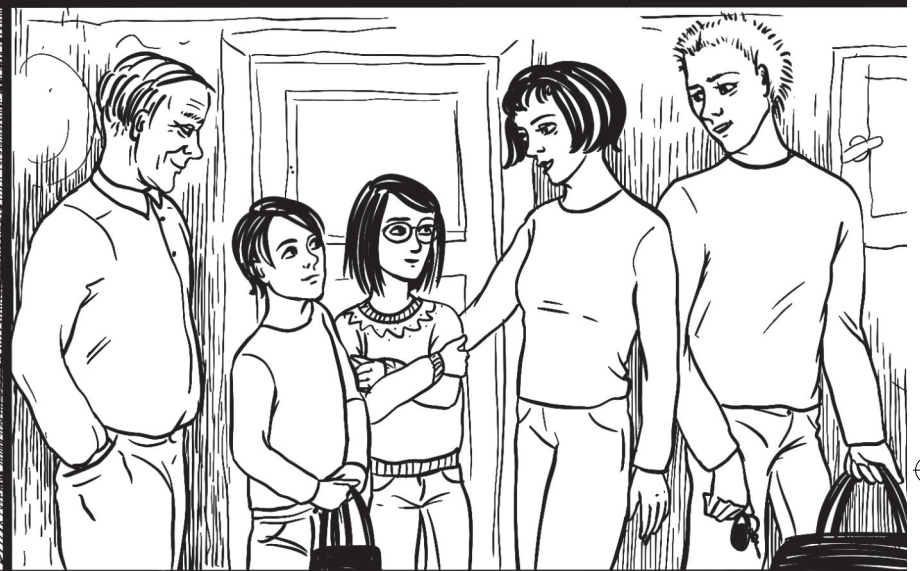
illustrations: Karolina Kučerová
text: Lucie Lukačovičová
concept: Matěj Machek, Petr Brož and David Píša













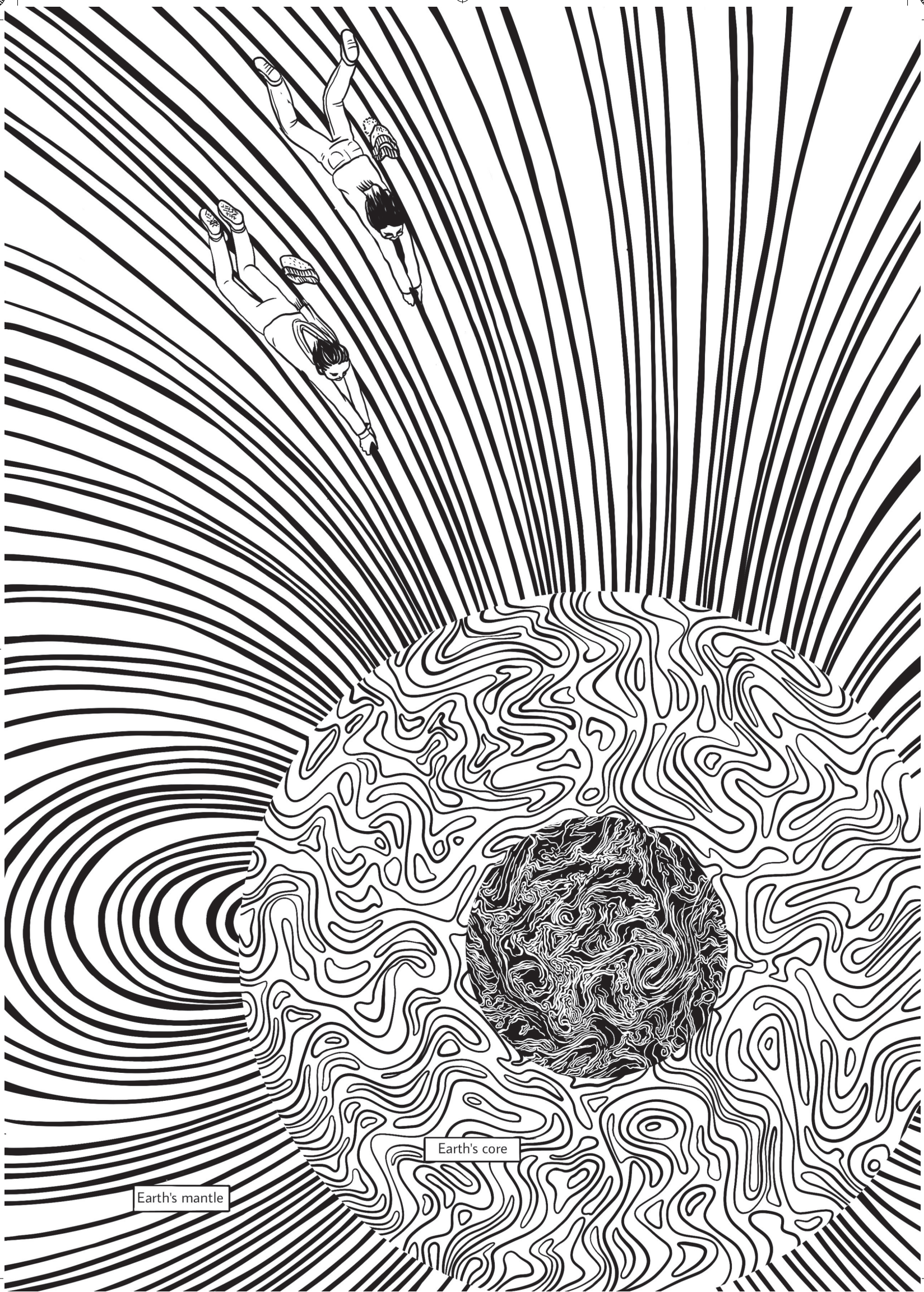








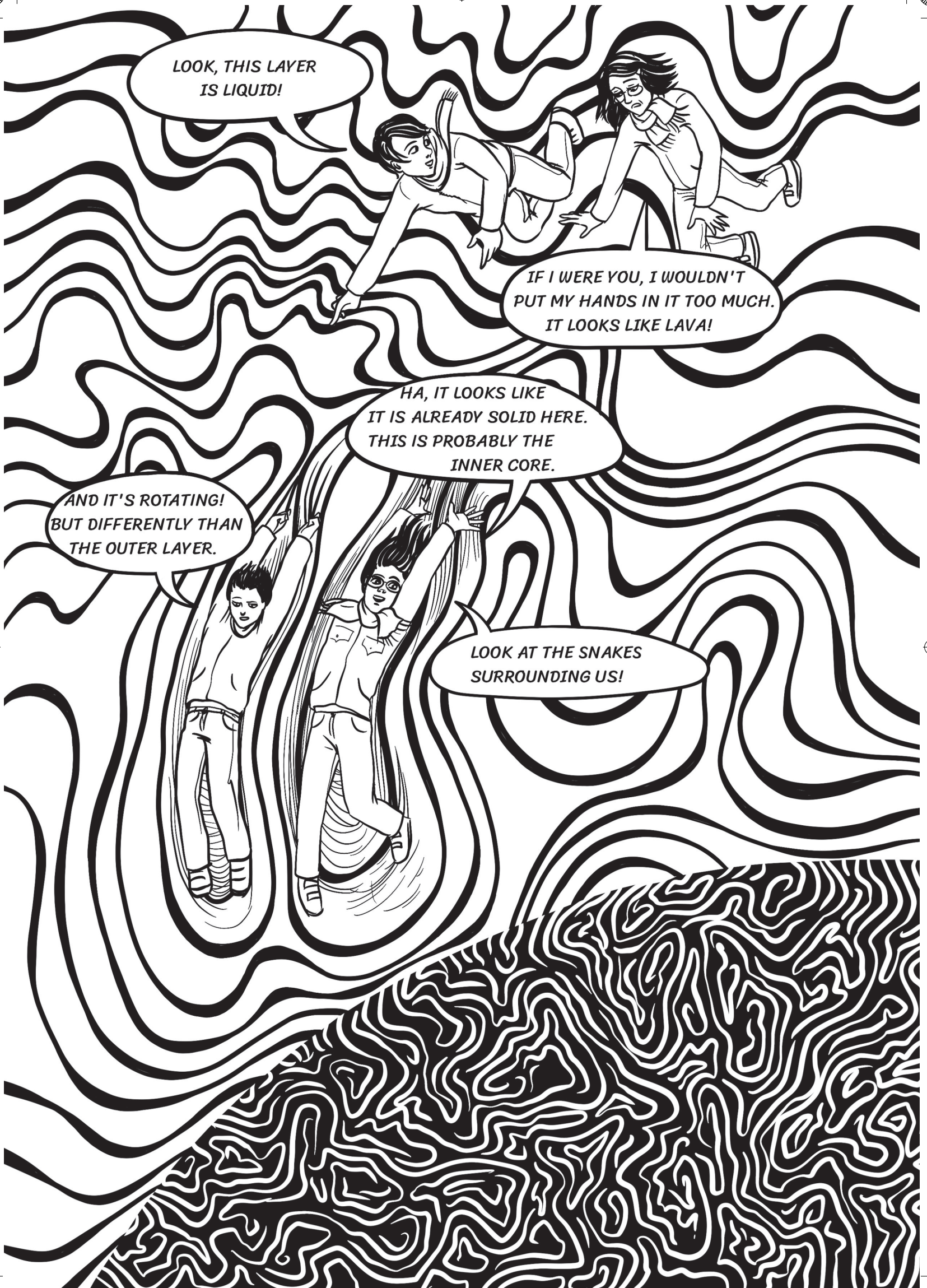




Earth's mantle

Earth's core









WHERE DOES THIS
ELECTRICITY COME FROM?

AND WHERE DID YOU
COME FROM?

LOOK... THE LIQUID CORE OF THE EARTH
IS MOVING... THIS CAUSES ELECTRICAL
CURRENTS. AND OUT OF THEM,
I AM CREATED THROUGH
ELECTROMAGNETIC INDUCTION.

YOU ARE THE EARTH'S
MAGNETIC FIELD!

HUMM, HUMMM,
THE GEOMAGNETIC
FIELD, THAT'S RIGHT,
UH-HUH.







THE MARMOTS AND BIRDS
LED US HERE, AND...

...AND RATTLESNAKES, TOO!
WHY DID THEY DISAPPEAR?

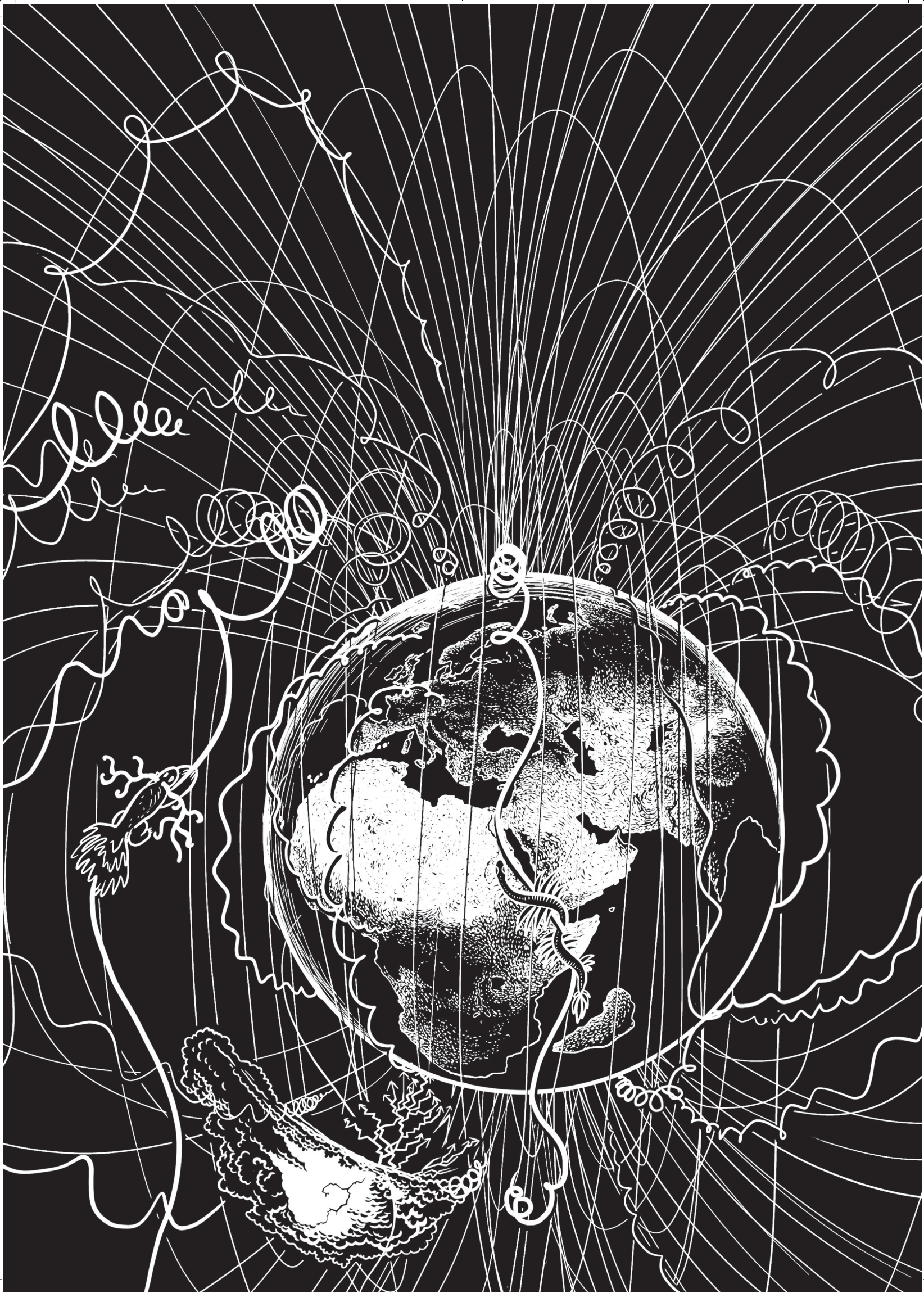


HUMMM... THEY AREN'T HERE.
THEY LIVE IN THE ATMOSPHERE AND IN THE
SURROUNDING SPACE... THEY ARE
WAVES THAT ARE SPREAD
THANKS TO ME. BUT YOU
WON'T FIND THEM UNDER
THE EARTH'S SURFACE
OR HERE IN THE CORE.

THEY ARE ALIEN
ANIMALS! THEY CAN
GO TO SPACE!

YOU BETCHA, HUMMM...
I CAN REACH FAR BEYOND
THE ATMOSPHERE.

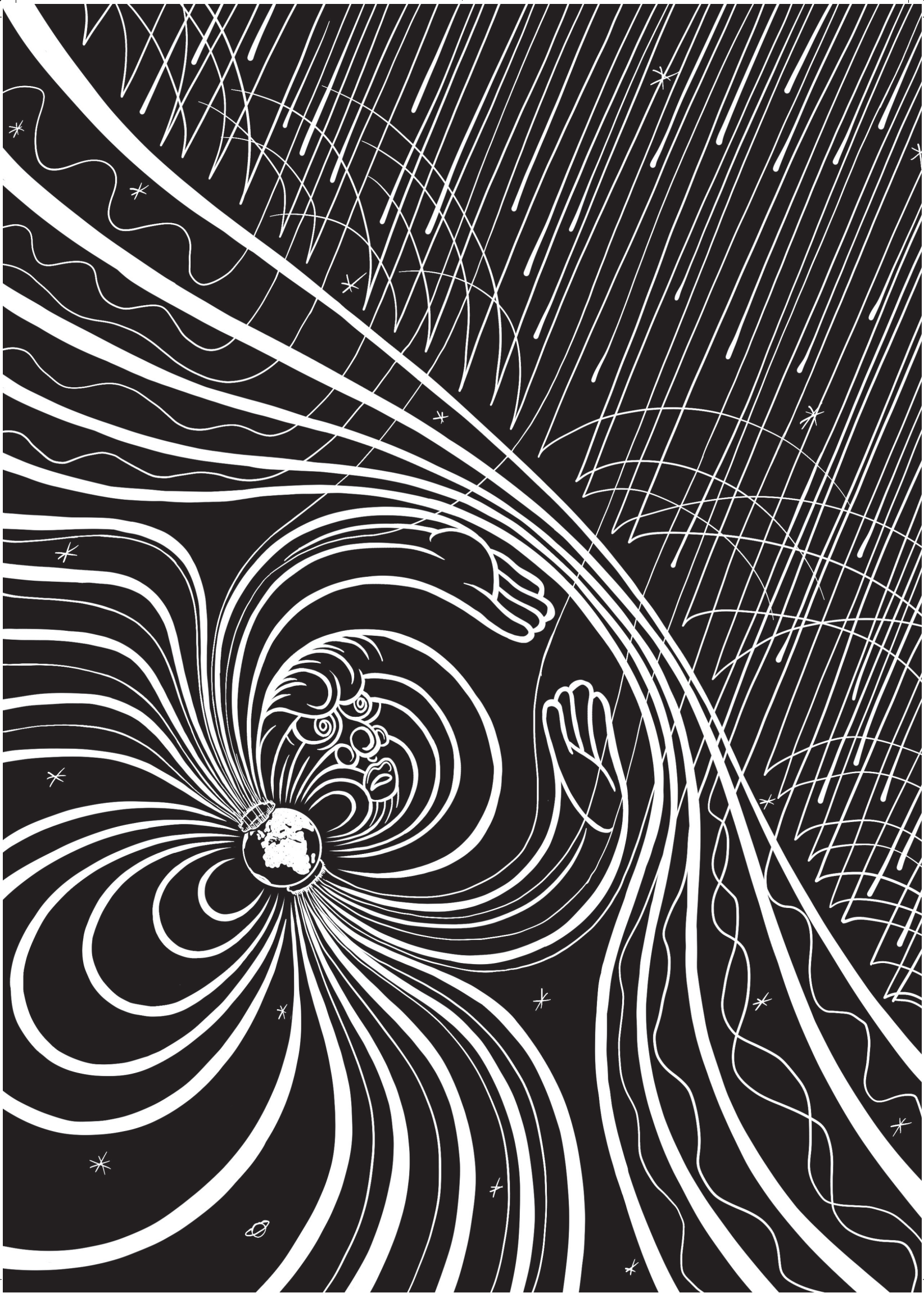


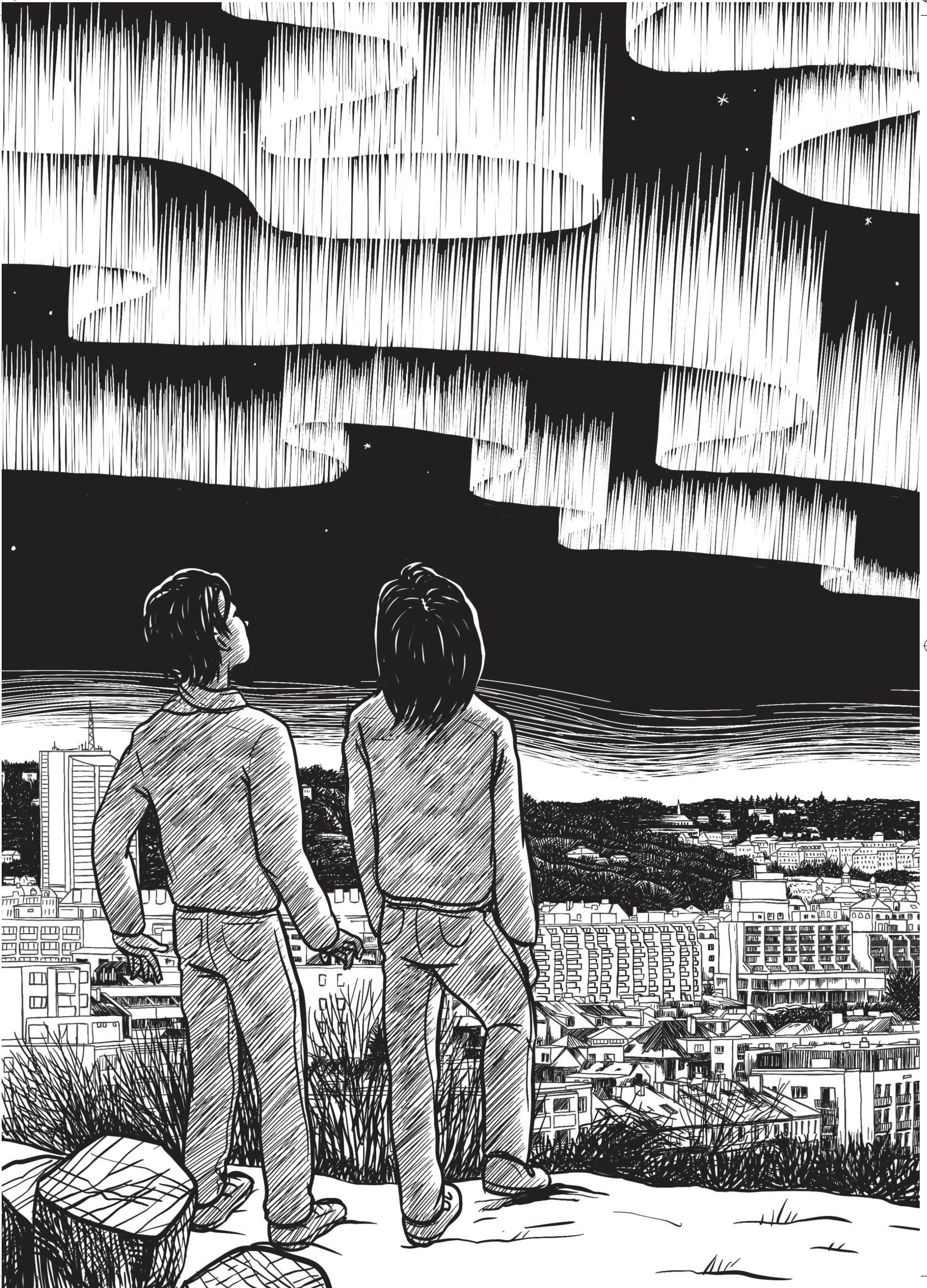


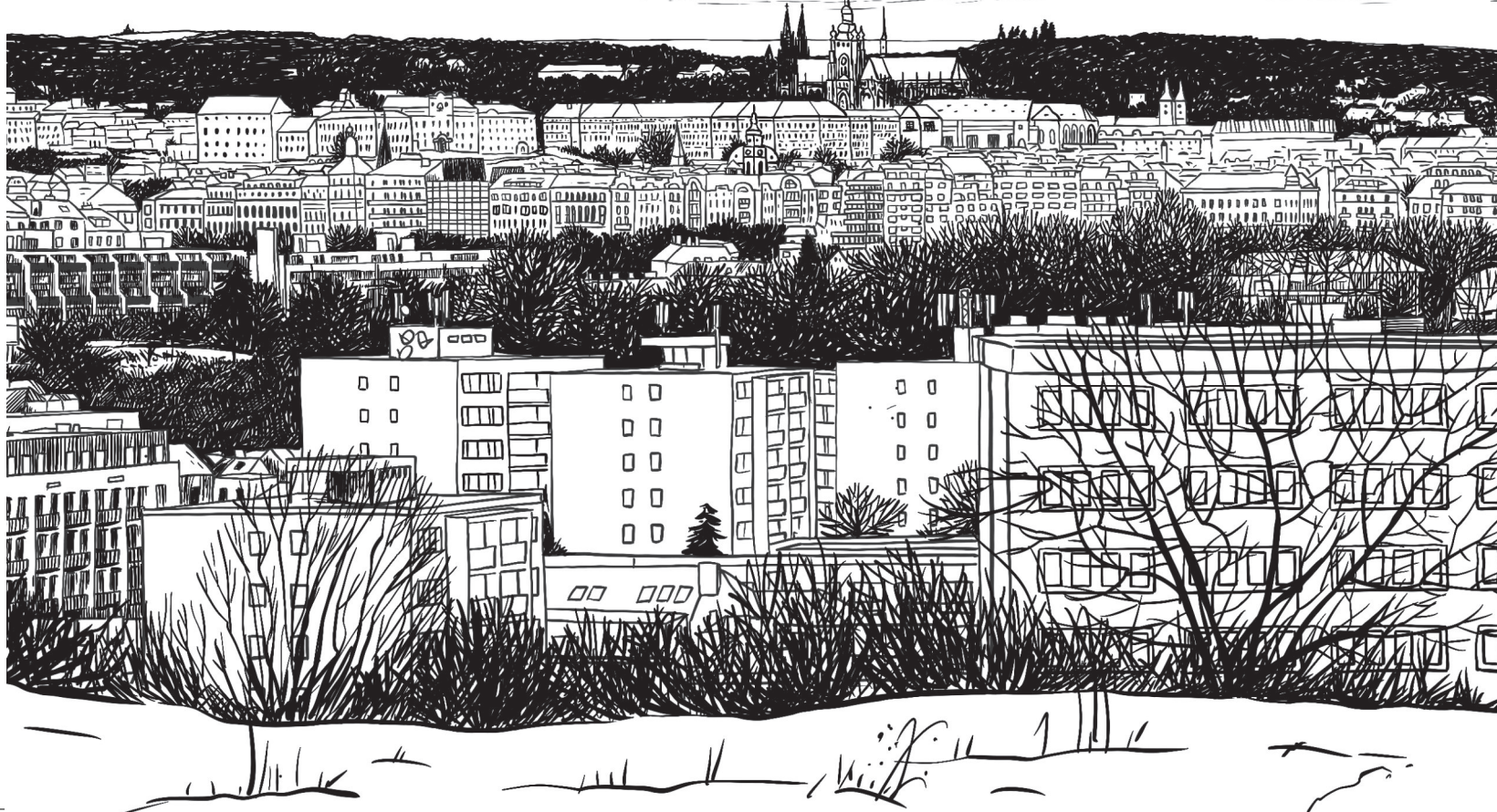
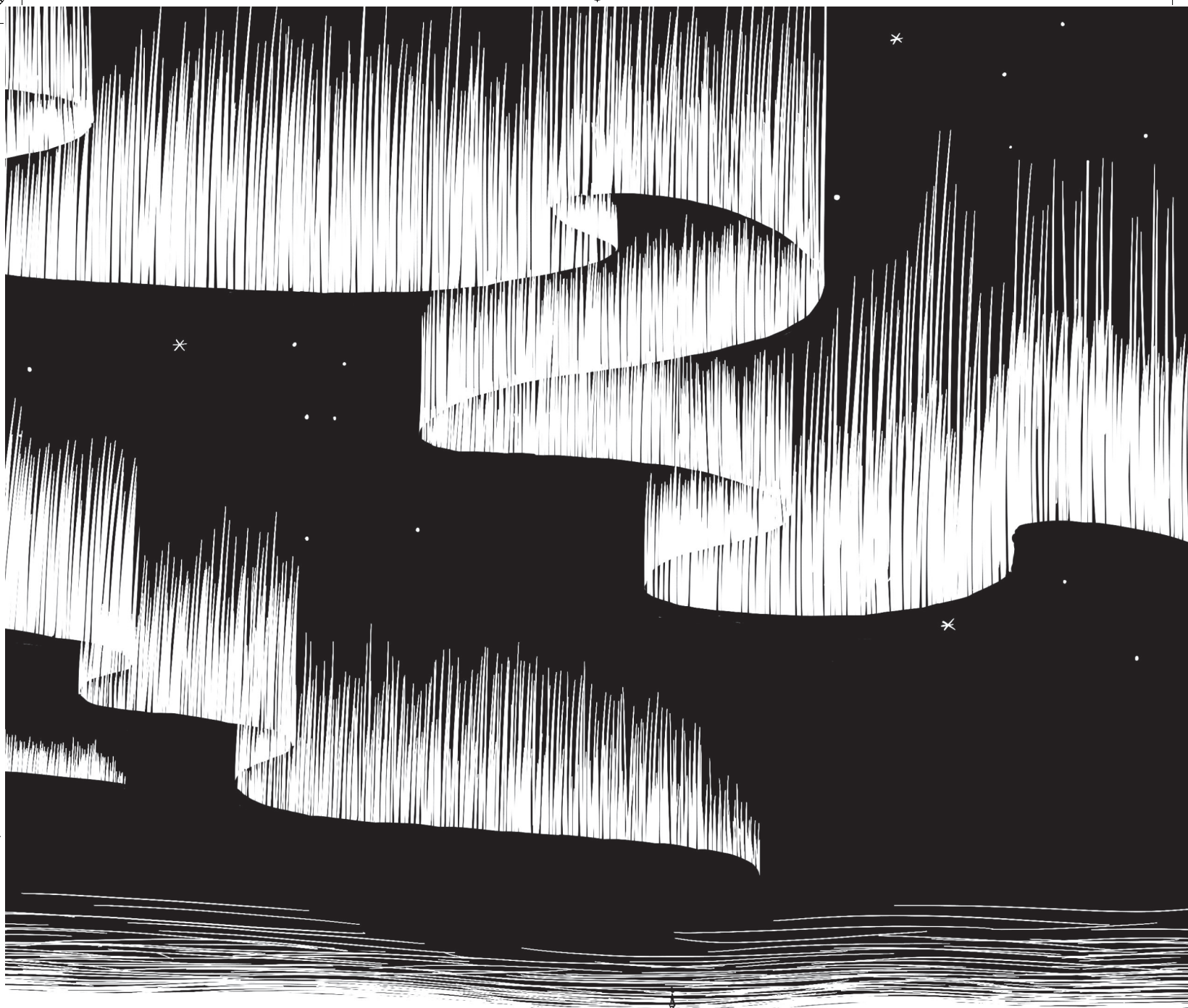










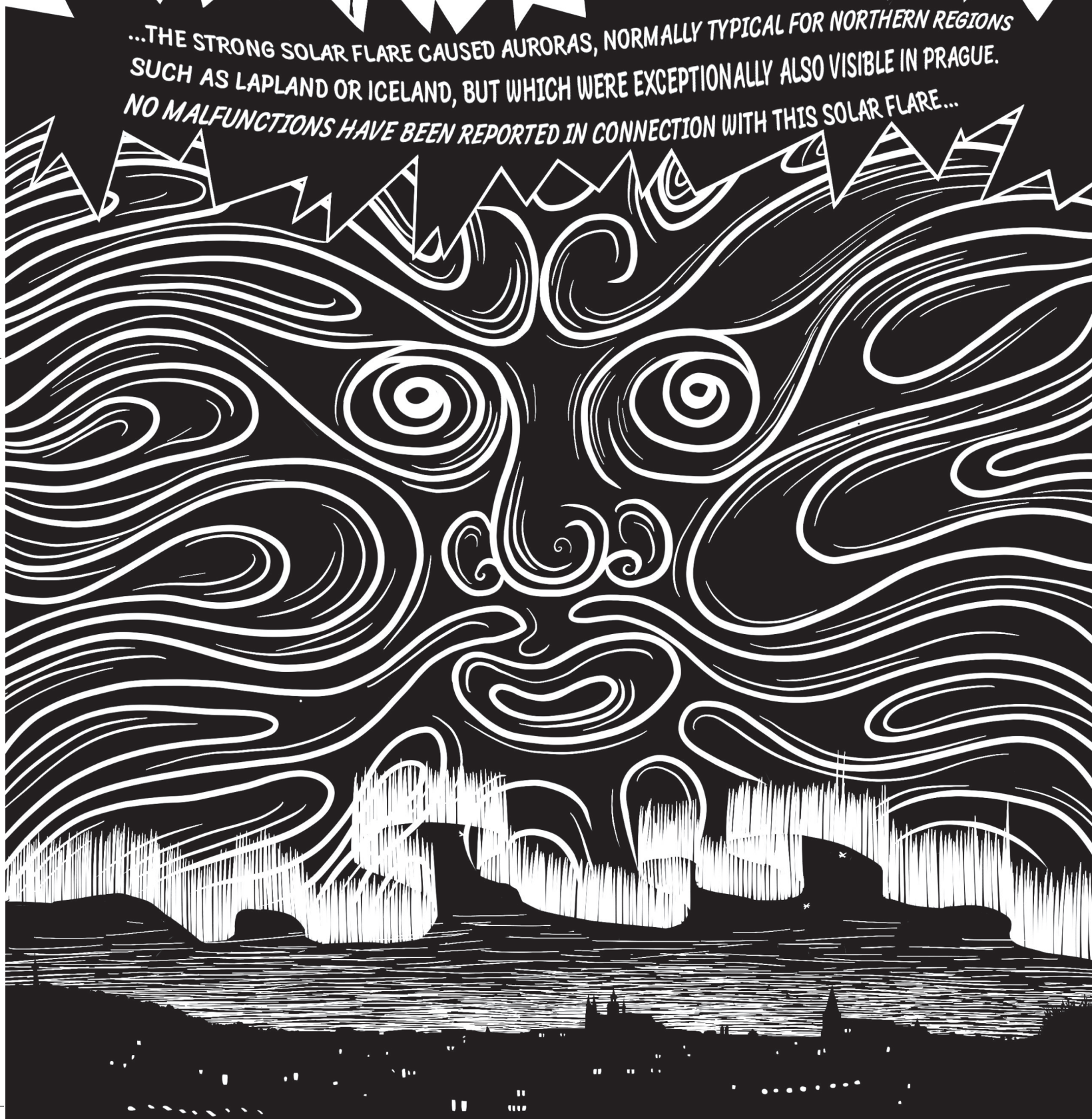


SISTER

BROTHER

GRANDAD

...THE STRONG SOLAR FLARE CAUSED AURORAS, NORMALLY TYPICAL FOR NORTHERN REGIONS SUCH AS LAPLAND OR ICELAND, BUT WHICH WERE EXCEPTIONALLY ALSO VISIBLE IN PRAGUE. NO MALFUNCTIONS HAVE BEEN REPORTED IN CONNECTION WITH THIS SOLAR FLARE...



When the Earth Flares Up, The Story of the Geomagnetic Field

Illustrations: Karolina Kučerová

Text: Lucie Lukačovičová

Concept: Matěj Machek, Petr Brož and Davis Píša

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Would you like to learn more about the Earth's magnetic field and about auroras? Then visit www.ig.cas.cz/komiks.

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ODDĚLENÍ
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AKADEMIE VĚD ČR



VESMÍR
PRO LIDSTVO

