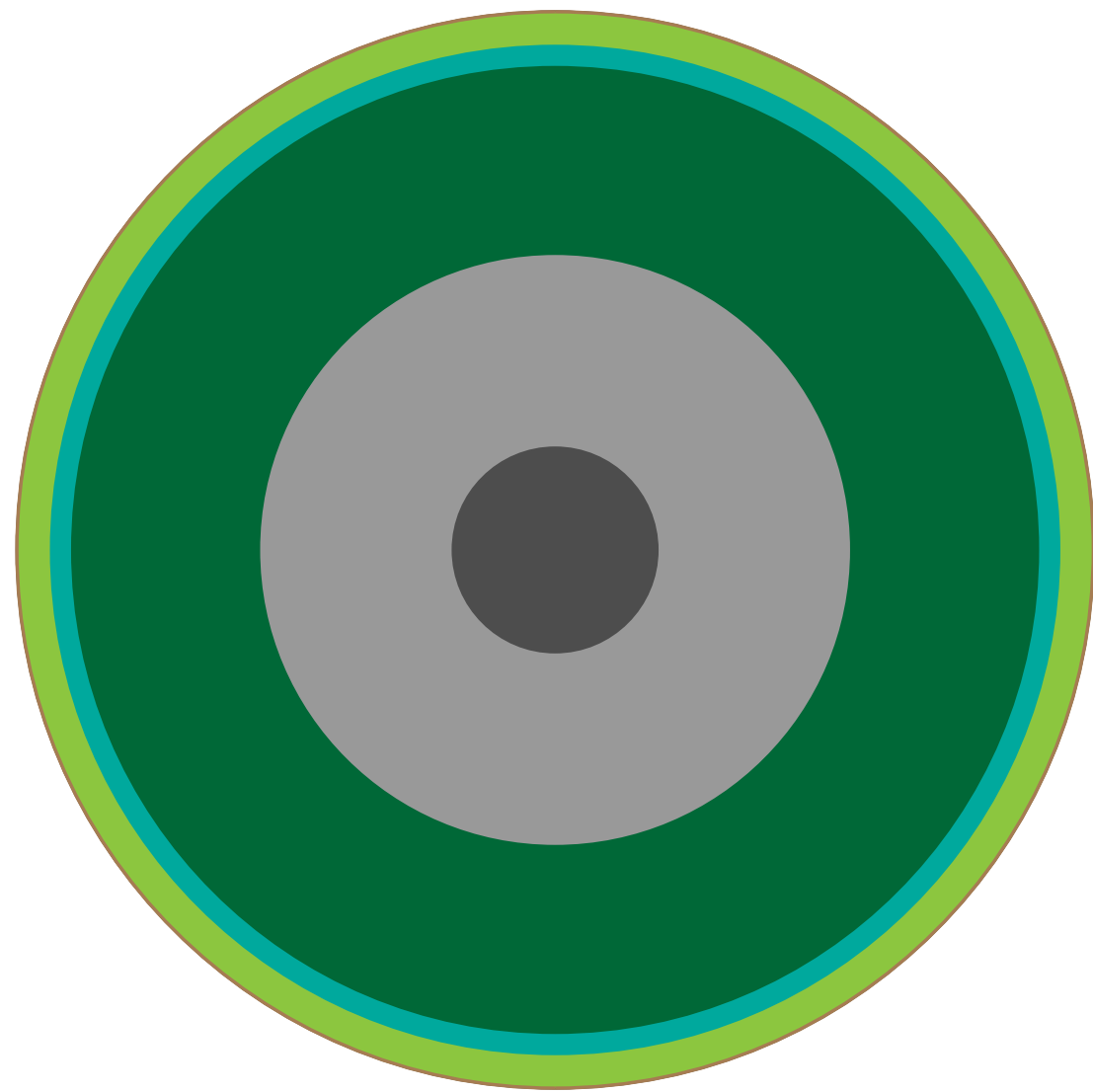
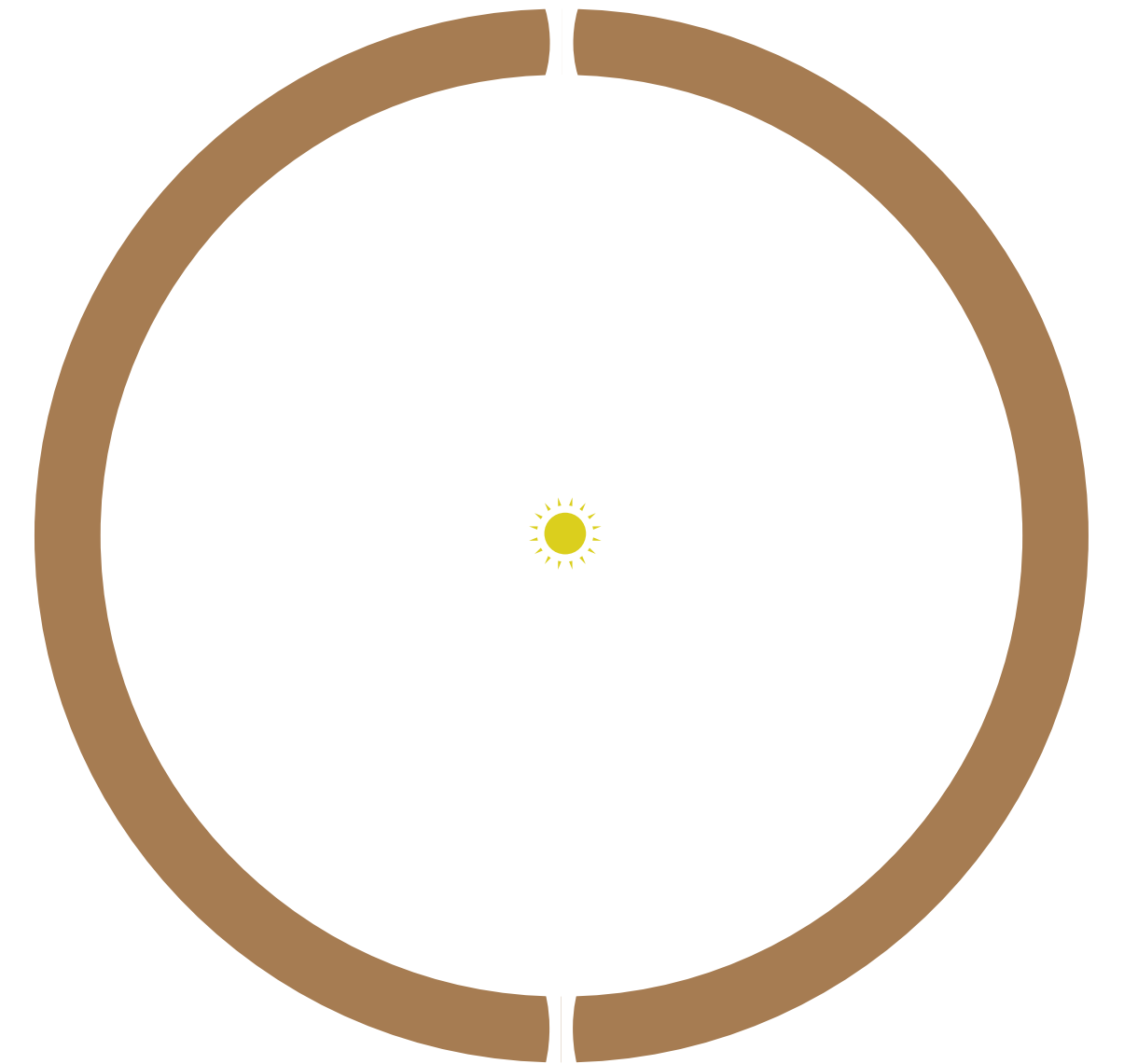


Journeys to the Centers of the Earths



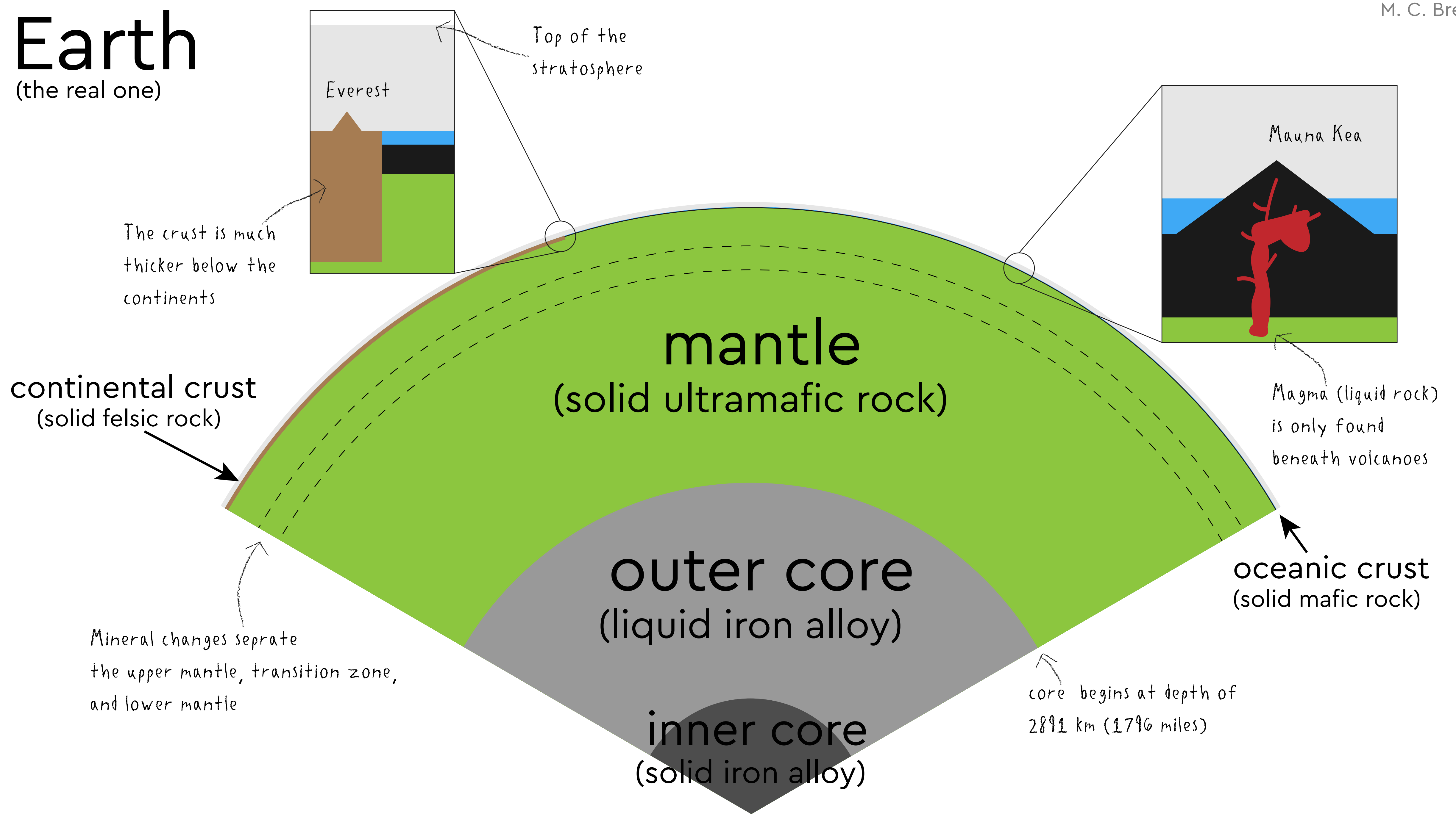
the Deep Earth in fiction



Matthew C. Brennan

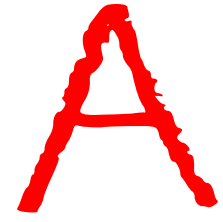
Earth

(the real one)



The Underdark

(Dungeons & Dragons, 1986)

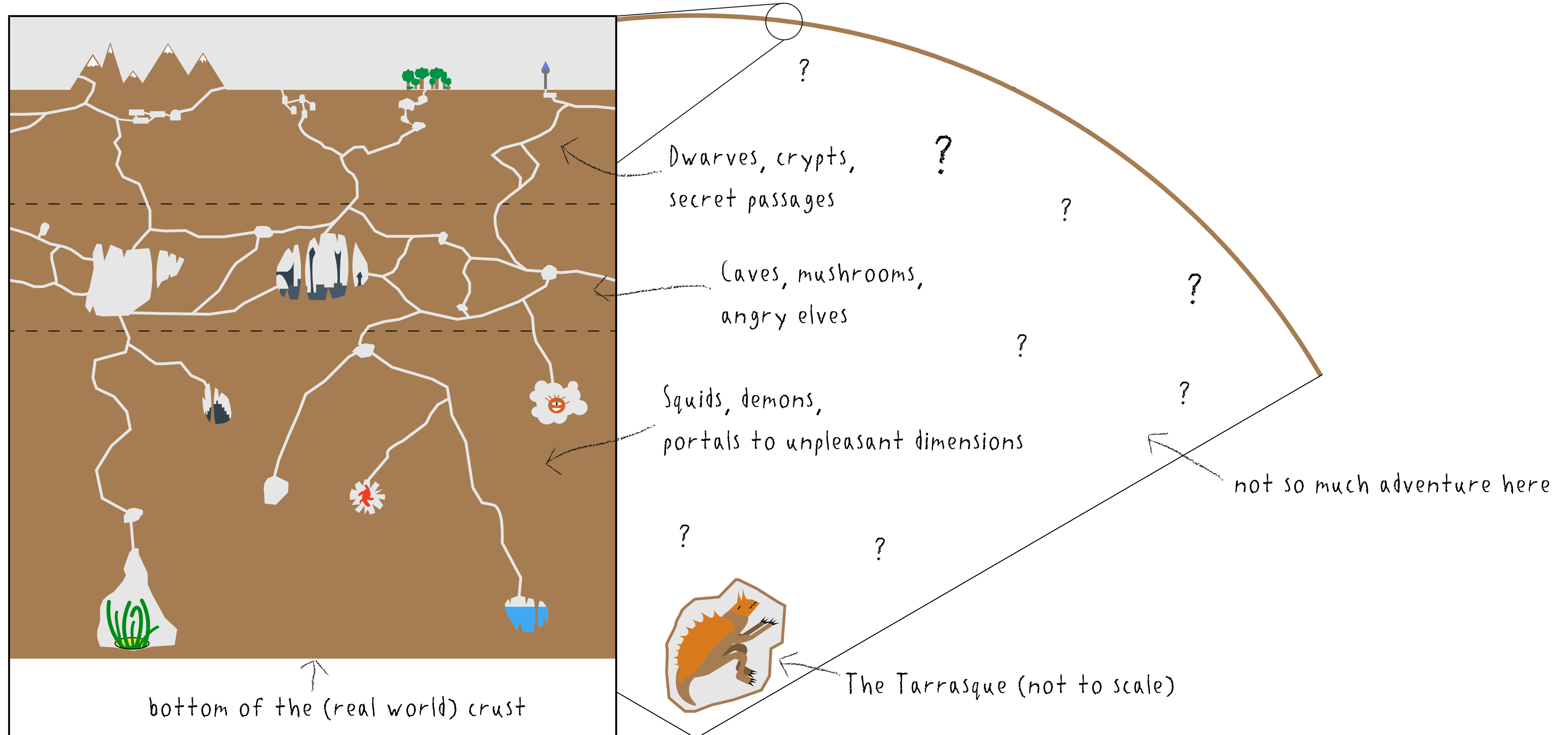


Just assume there's an underground wizard
keeping those caverns comfortable.

upperdark

middledark

lowerdark



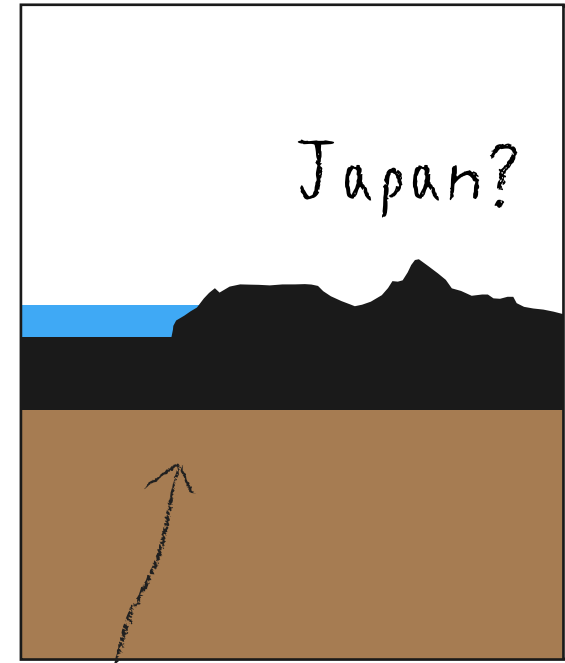
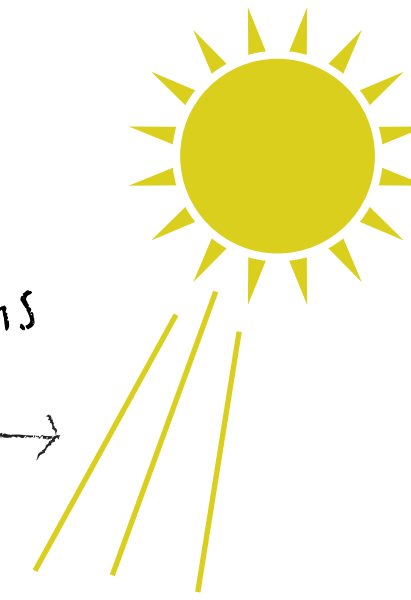
The Core

(Jon Amiel, 2003)

A-

This movie gets a lot of undeserved sass.

scary, bridge-melting laser beams



Japan?

missing continental root
(and subducted slab)

preposterous geode



mantle
~~(magma)~~

you were so close!

I'm going to assume
this is the upper mantle

crust
(*'that's where we live'*)

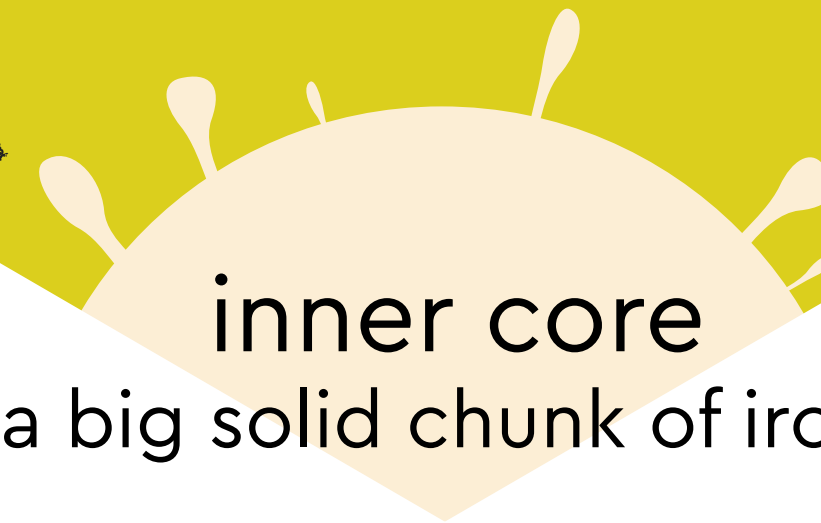
'funky transitions'

outer core
(*'a trillion trillion tons of hot metal'*)

'diamonds the size of Cape Cod'
(eggaerated, but not impossible)

exciting core geysers

inner core
(*'a big solid chunk of iron'*)



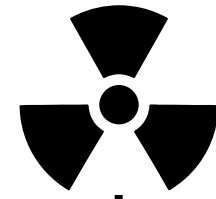
Crack in the World

(Andrew Marton, 1965)

B+

It's as if you asked a geologist what all the layers should be but forgot to take notes.

you cant destroy the Earth with one nuke FYI



mountains?

CRUST

OUTER MANTLE

about 30 times too thick

What are these layers?

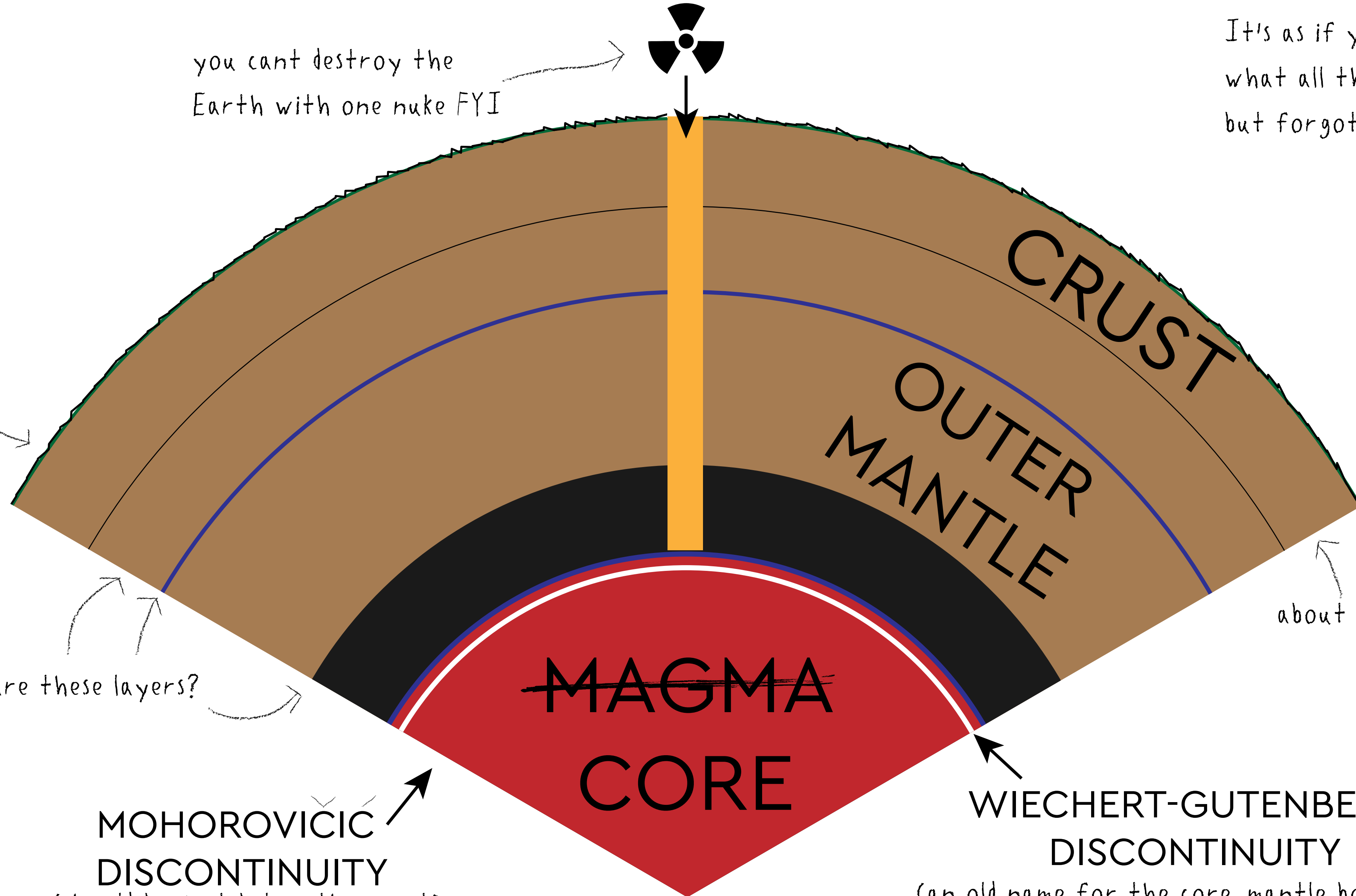
MOHOROVIČIĆ DISCONTINUITY

(should be just below the crust)

~~MAGMA~~
CORE

WIECHERT-GUTENBERG DISCONTINUITY

(an old name for the core-mantle boundary)





Italy (Stromboli)

Iceland (Snæfellsjökull)

passage to Iceland

coal

Tertiary (Cenozoic)

Secondary (Mesozoic)

Primary (Paleozoic)

schist

gneiss

mica schist

granite

Hansbach

weird electrical glow

volcanic tube to Italy

giant caveman

sea monsters

Axel Island

Port Gräuben

Liederbrock Sea

Cape Saknussem

Crust

really hot for some reason

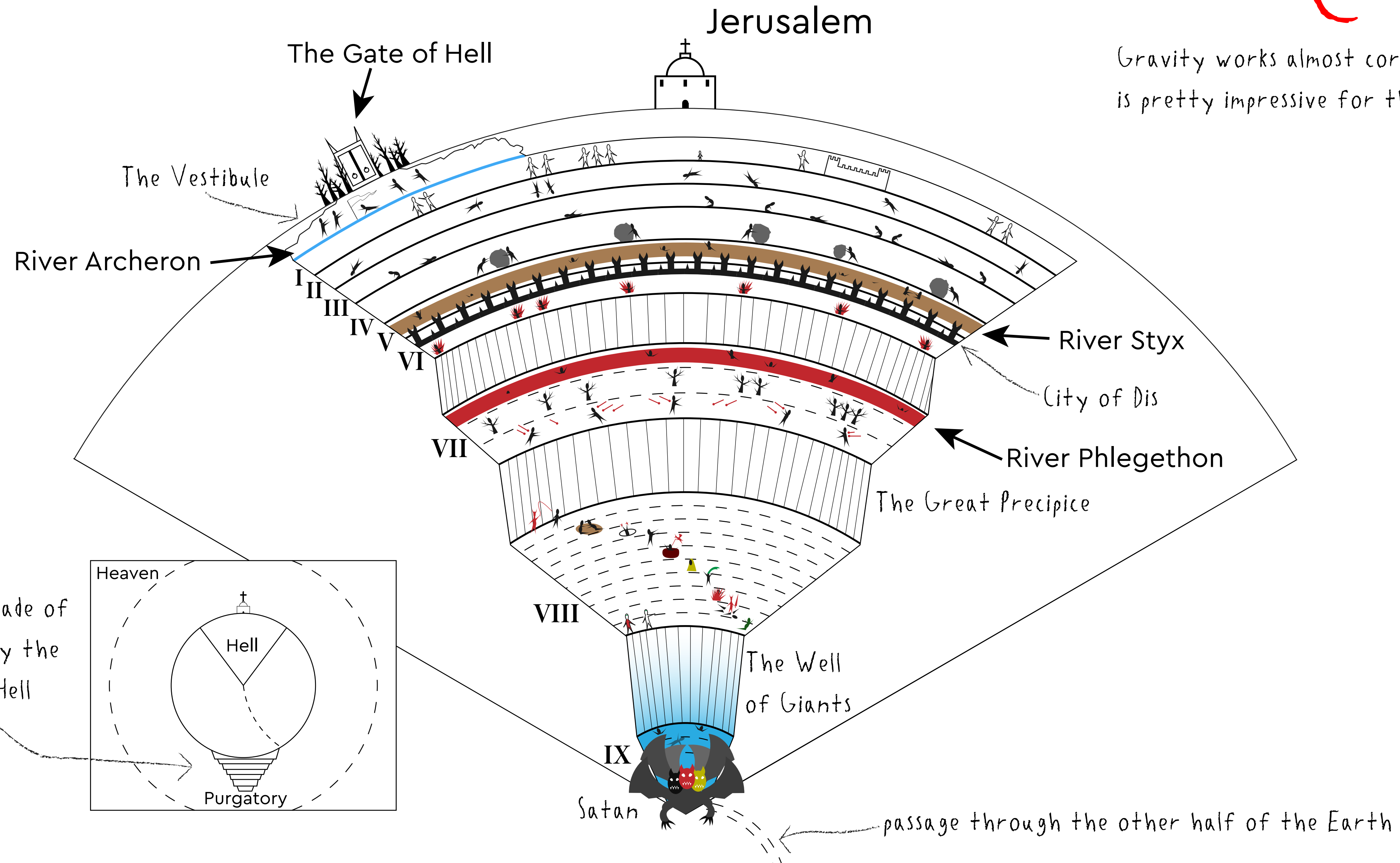
passage down further (they only go as deep as 160 km)

speculative 'central heat'

The crust is too thick silly, but otherwise pr the geology of the ti

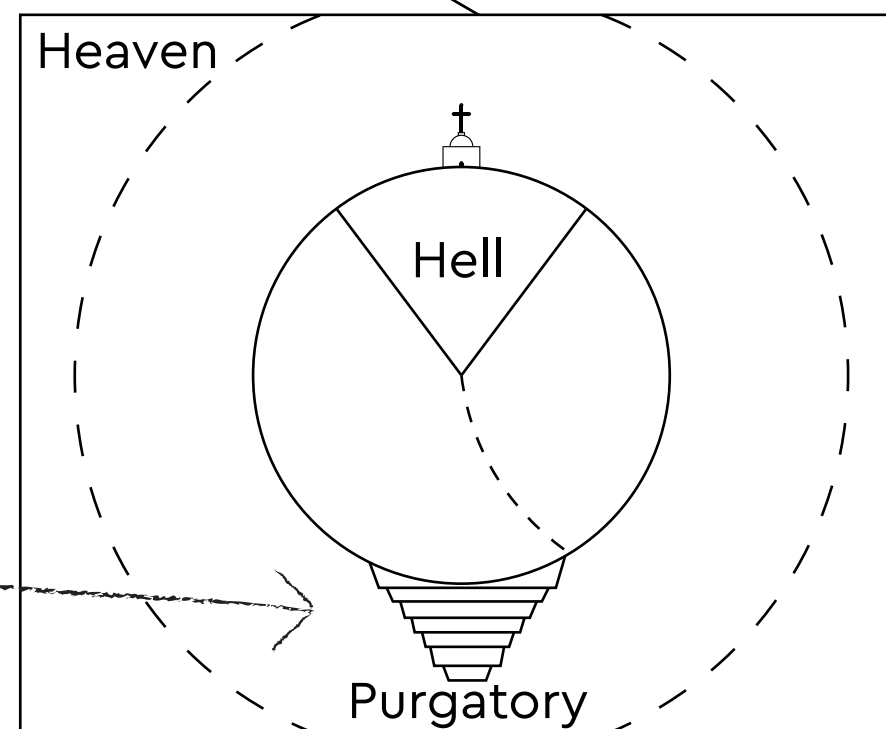
Inferno

(Dante Alighieri, 1320)



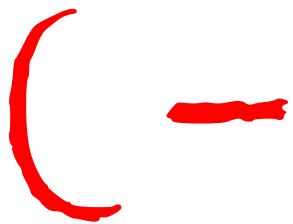
Gravity works almost correctly, which is pretty impressive for the Middle Ages.

Purgatory is made of rock displaced by the formation of Hell

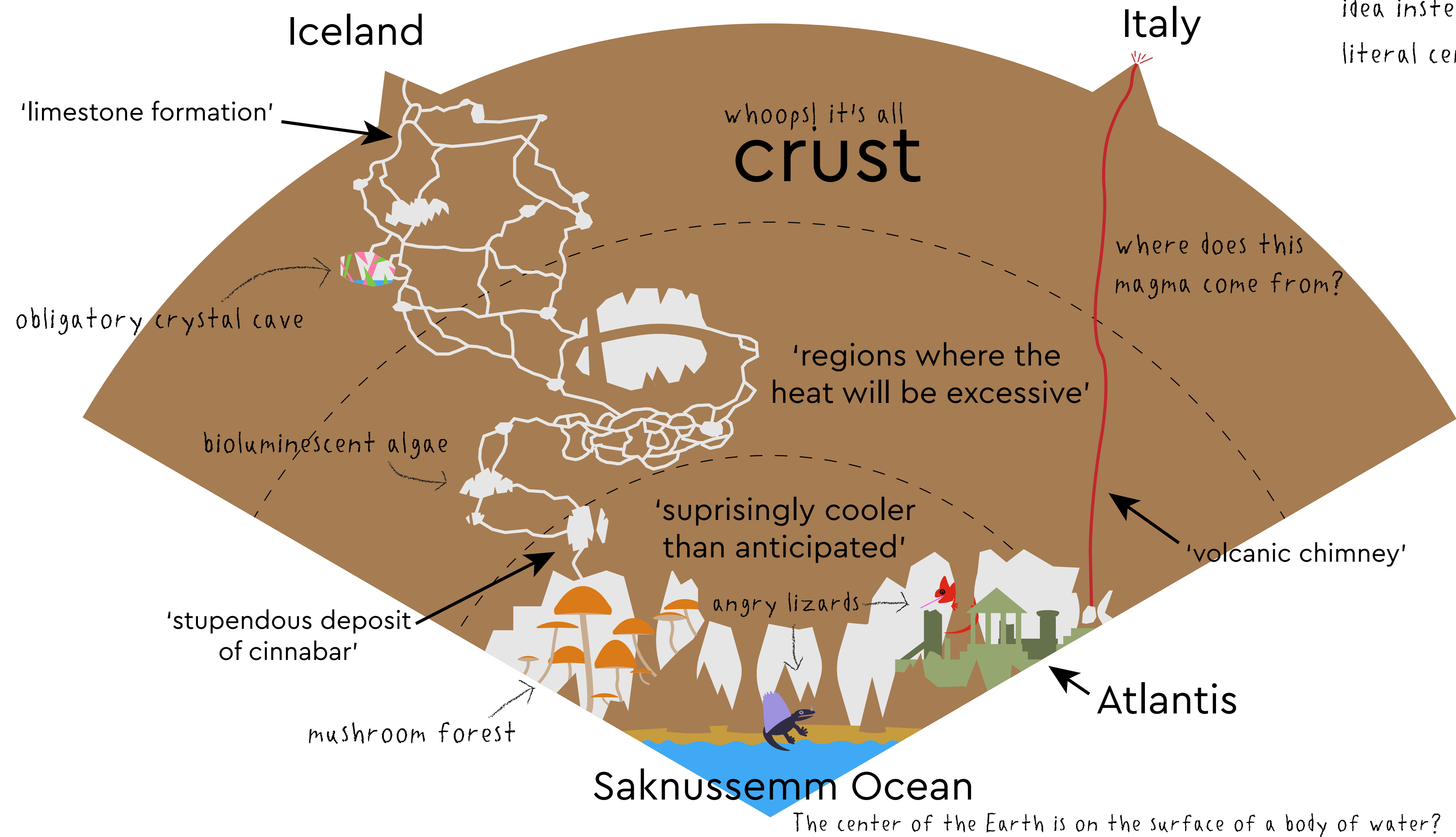


Journey to the Center of the Earth

(Eric Brevig, 1959)



Should have stuck with Verne's idea instead of insisting on the literal center.



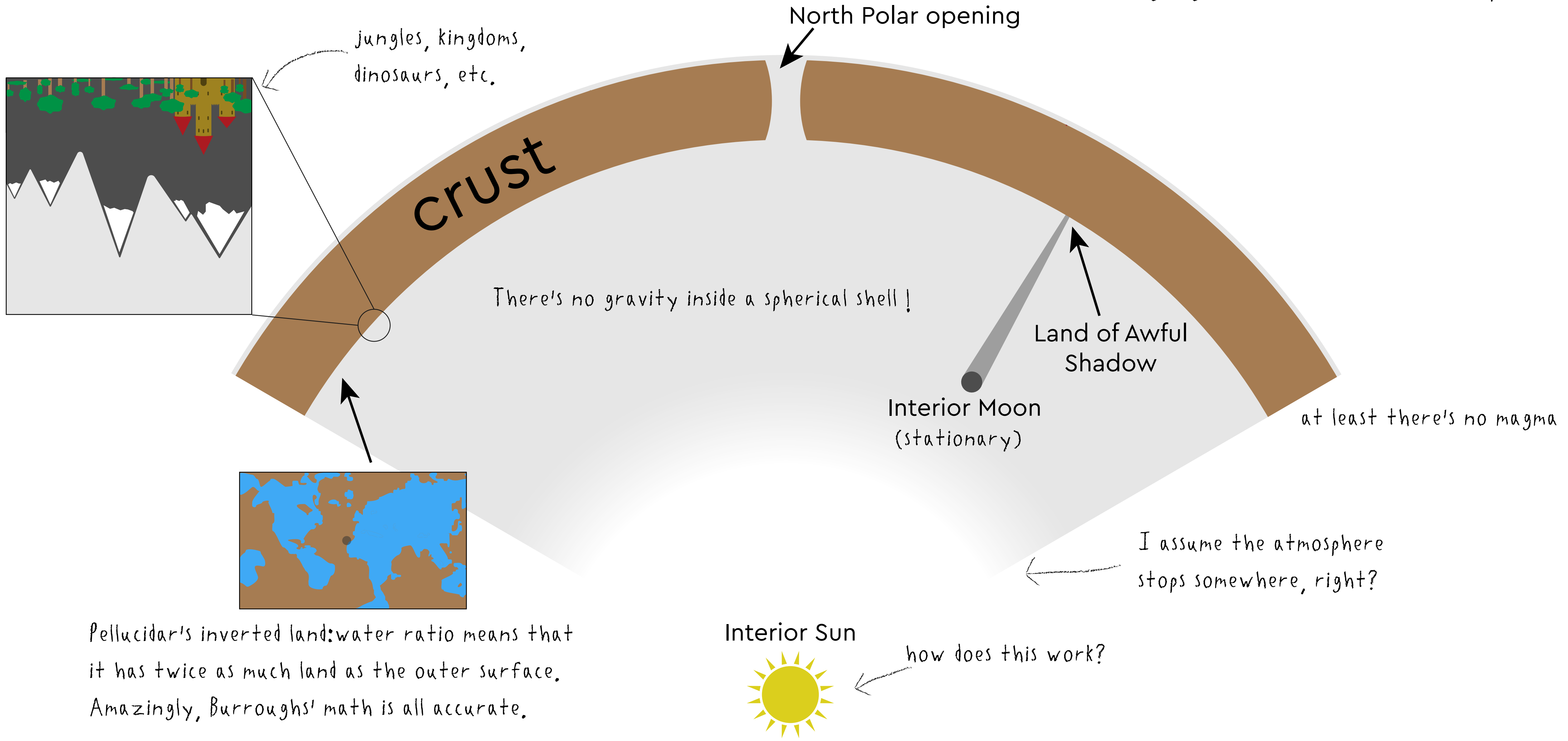
Pellucidar

(Edgar Rice Burroughs, 1914)

M. C. Brennan

D

I'm going to tell Issac Newton what you did.



Discworld

(Terry Pratchett, 1983)

M. C. Brennan

F

See me after class.

