Lect. 6th Sunday

+ Figure of the Earth

+ Magnitude — how ascertained — Mile stones

— Map — Scale

+ Land = Water —

How ascertained —

Dr. Long's Method —

— New discoveries relative

the proportion —

— Theories of the Earth

— Burnet —

Chaos — Solid bodies at the centre — lighter — water air

— Air in there — Crust

— giving life to Vegetable and dwelling to animals

+ Uniform plane —

— no mountains — valleys

— no seas or rivers —

— no change of seasons —

+ Earth did not long continue in this state —

— Sun's heat cracks — fissures reach the great abyss

Surface fell in.

waters rushed out —

+ Deluge becomes universal —

+ Earth relieved from the water —

— Air carried down —

+ Water enters the cavities expels the air — and lodges in its place stones

+ Mountains & Islands are parts of the broken crust of the earth — Sea part of the great abyss that had no place to return

+ all the irregularity in nature

Woodward

— All the bodies arranged agreeable to their specific gravities —

+ Earth once in a state of dissolution

— at the Deluge —

— bodies subsided agreeable to their gravities —

+ Objection Strata not agreeable to specific Gravity

—

Whiston

+ Earth a comet

— Chaos — made a planet

central heat —

— Vegetation more powerful

— Animal life prolonged

+ Tail of a comet — the source Deluge — attraction —

— Earth entangled by the nothing of the internal waters —

+ Comets retire — waters subside into the cavities

Buffon —

+ planets struck off
from the sun by a com-
— Diurnal and annual
motion — Cooled — Atmos.
condensed — Crust formed
+ Earth for a long time
laid under water —
— Shells could not have
been deposited all at once
— How could such immense
numbers have been main-
tained? — Could all the
rocks of the earth have been
in solution at once? —
+ Land formed out of the ocean
Primeval changes owing

to the sea —

Phenomena

Shells – tops of Mount
Deepest quarries –
– In the centre of the hardest
rocks – Marble – Skilkenny
– Large beds – 30 miles
over –

2. Fossil wood – trees fre-
quently found below the
shells –

3. Petrified Sugar Cane

4. American Fern –
found in a bog pit
in the deepest about
while heaven –

5. Piece of an anchor
dug up in a bog mo
than ten miles from
the sea –

6. Pebbles at Stammo
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