

— *Ph. from sea* least  
No. *Proceron* a *Chrot-*  
by *Proceron* my *cup* *Proceron*  
of *Proceron* *Proceron* *Proceron*  
an *Proceron* —

*Dumetia*

*Abnormata* *Zeloscophus*

*Microscopus* — *Phosphorus*

— *Zeloscophus* *Proceron* — *Camara*

*Obscur.*

*Proceron* *Proceron*  
*Proceron* *Proceron*

— *Indian* *beat* *Pro*

*Amurats* *with* *Pro*

*Scalping* *Proceron* —

— *Macapans* 17 *Redd*

*and* *of* *the* *Samois* 366

*from* *and* *with* *cuts* 1 *foot*  
*long* *width* — *Scalping* *Proceron*

*Faint handwritten notes, possibly bleed-through from the reverse side.*

*With the P. Stokes  
to be used during the  
voyage -*

The Corinthians over-  
come the Corinthians in an  
sea fight, about sea fight  
in 667 A.C. —

— Tzetzes mentions the  
burning of the ships of  
under also the particulars  
concerning his death —

— The ships not mentioned  
by either Polyb: Plutarch  
Livy nor Livy —

— Plutarch Olymp: 249 A.C.  
Zonaras says that the  
made use of burning spe-  
cials with the siege of Byzan-  
ce, 667 —

— Josephus describes five  
times in this order the  
in in part. Livy, Polyb:  
in a Bully way, seen

Quotations from Ammi  
relating to Epaminondas

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Proclus Diod at Athens  
in 407 B. C. — aged 7.5 —  
+ Neomane Industry in the  
History of Invention arts

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The Aqueduct at Lisbon  
takes its rise near the Ri-  
beira de Cascaes and runs  
in many places under ground  
In others it is supported on  
magnificent arches, the whole  
length being  $3\frac{1}{2}$  leagues or  
9000 toises, having in all  
127 arches - That part of it  
which crosses the Valley of  
Alcobaça consists of 35  
arches - The great arch is 315  
P. Palms of 8 inches each  
equal to 8.64 English inches  
or  $226\frac{2}{3}$  English feet  
and 100 English feet wide  
- It is about 1000 from a  
place of the Aqueduct at the  
Mansión of Pombal's family  
house at Oeiras -

Linted oil would do to  
a constant pretty thick in  
the best matter for a collar  
of leather to be cut tight  
— Give what is the best  
method of dividing a pear  
gauge — The glass is filled  
with Mercury and weighed &  
the mercury is then divided  
into parts and weighed and the  
divisions are marked accordingly

— Patent for the New Method  
of making the simple bar

The wheels of turning lathes  
should not be supported on  
conical points which wedge  
in and increase the friction  
— Cylindrical pivots the best  
for great weight cast iron, they

Boiled with sugar and  
Strength the tendons of  
Cervicals.

Lect. on Mr. Edw.

Introduction - curiosity - Knowledge  
of the Duty and his works

- Figure of the Earth - Spheroidal spheroid

- Earth a globe - Shadow conical -

Ships meeting other at sea - masts  
like needles in the water - illustrated

by the first astronomical scene - trans-  
parent painting of the earth with

mountains and ships moveable  
on its surface -

- when we recede from land we  
lose sight of the lower parts first

- when we approach, the tops of  
mountains become first visible

+ Up and Down relative - to the  
earth's surface in these matters, the

Atropodes incredible - General  
attraction in the centre of the earth

- Exp. of 200 yards of beam etc -



Maskelyne on Cohesion -

+ Motion of the Earth proved  
from the absurdity of the contrary  
supposition - immense distance  
of the fixed stars &c -

1<sup>st</sup> Scene on the Edensson, the Sun  
Earth and 12 signs of the Zodiac  
- Earth's annual and diurnal motion  
explained - just as we see than  
the wisdom of the almighty con-  
curred in the oblique position of the  
axis - equal distribution of light  
and heat -

+ Phases of the moon - auxiliary  
scene - Earth and moons round  
here in the quadrature, conjunction  
&c - A large crescent -

2<sup>nd</sup> Scene Eds - Sun Earth and moon  
with the 12 signs  
- can show the Phases of the moon  
and Eclipses are shown -

+ Tides by an Auxiliary scene  
moveable ridge round the earth  
3<sup>rd</sup> Scene Earth and moon moving  
round the common center of  
Gravity - earth swelling on the  
nearest and opposite sides to the  
moon - Sun 3 moon 10 sun  
and difference cause Spring and  
neap tides - centrifugal force  
reinforced &c. - Two balls repre-

senting the Earth and Moon  
on a rod - center of gravity -  
Irregularities of the tides -  
Small Bays in the west Indian  
Gulf of Mexico slope the gene-  
ral course of the tide, the waters  
are raised above the general level  
- hence the tremendous currents  
- thro' the Gulf of Florida  
- The waters in the Gulf of Mex.  
higher by one inch than in  
the opposite coast of the Gulf

tides in the Baltic with sea  
 auxiliary scene Great Brit.  
 Ireland, and Coast of France  
 no tides in the Baltic G.  
 Comets nothing worth remark.  
 4 - Scene All the Planets in  
 neither Jupiter nor Saturn  
 move, nor the 5. J. Stars  
 motion of the other Planets  
 and the Satellites very  
 irregular in the machine  
 - auxiliary scene, the stars and  
 Planets as they appear through  
 Herschel's great Telescope  
 5 Scene universal System  
 - Stars change their places and  
 magnitudes - Alderian ~~was~~  
 society of the first stars of the third  
 magnitude - we can see but  
 500 Stars at once -

Astronomy Lib: 9<sup>th</sup>  
 Figure - motion of the earth -  
 - up and down - antipodes -  
 - Paper scheme moveable  
 ship-horizon -  
 seasons - Globe Lulluran Survey  
 - Figures of the orbits Ellipses -  
 - earth nearer the sun in winter  
 - semidiameter and hourly motion  
 from the Nautical Almanac  
 - combinations precessions of  
 the Equinoxes illustrated on the  
 orery - Jovian satellites -  
 - magnitude of the earth how  
 measured - Spheroid figure  
 ascertained by measurements  
 - illustrated by the whirling  
 rings -  
 - Centre of Gravity of the Sun and a  
 planet -

The whirling machine sup-  
ported on three pillars -  
+ a trough with two barks  
a larger and lesser -  
Curry of the old construc-  
tion