

in part fine, have been interrupted by clouds. - I was
fortunate enough to have time at the Bristol Institution
to find what I wanted - it was in Phil. Trans. 1861 -
wrongly referred to as 1862 (what ought to be the punish-
ment of a wrong reference - given or index-maker? Should
he not be made to eat his own blunders?) From which
it appears that the L. of Ross has been diligently at work
up to that date - using a specum of I think 1013 !! on the
3 ft. speculum, & as much occasionally on the Cpt. He
reports on the resolution of nebulae. - Nothing I think very
new - & no confirmation of his former assertion of the
resolution of the Neb. in Orion. As to the Dumbbell he
only sees stars in, or upon it - it w. seem not to have
been resolved. I see one star there with the Achromatic,
2 certainly, & several more by Clinch's, with the trial-
speculum. - Your Lunar remarks are very inter-
esting - & as far as I can comprehend such matters
you seem quite right - So there is all the water gone?
Crichton's thought - there was once an ocean there of
some 30000 feet deep - & no volcanoes at all! -
I don't remember Hutton's model. and shows