

ages new systems of planets may be generated. And to place the probability of these operations in a more prominent point of view, I here subjoin a recapitulation of our theory of the probable design of some of the nebulae, and of the real purpose of that vast number of comets said by the astronomers to occupy the regions of space.

In this theory it is conceived that, by the supply of the gases to the suns of the systems, nature effects a twofold object, namely, the supply of the waste of the sun's fire and the reproduction of other planetary bodies by means of the masses of aqueous vapour produced by that combustion. "Nature," says the immortal Newton, "could not exist without motion," (action). And the eminent Goethe has in his works the same idea. We may therefore conclude that the reproductive powers of nature are ever in action. We have also reason to believe that the heavenly bodies now existing are not to last for ever. "The great globe itself," says our immortal Bard, "shall dissolve, and, like the baseless fabric of a vision, leave not a wreck behind." And, in fact, stars that have been formerly well known in the heavens have now disappeared. The heavenly spaces, we are told by all astronomers, are infinite, therefore we have a right to suppose that the laws first established by the Deity are in continual operation, both for replacing exhausted systems and augmenting His bounty and His glory. Thus we have conceived, as stated in our theory, that the stupendous masses of aqueous vapours, formed by the combustion of the gases for the supply of the waste of the suns, are carried off by the comets from those suns into the regions of space, for the purpose of being condensed into *oceanic waters*, which, by the deposits of their vegetable and animal kingdoms, will form the solid parts of new planetary globes. Hence would arise the conversion of these gasses into the liquid and solid matter of those globes enduring many ages, and hence the necessary conclusion we have drawn in the theory, that a present and constant act of creation is required to supply the unceasing and enormous waste of those gases, and hence we have conceived the exis-

tence  
of the  
is indi  
bably  
these  
region  
telesc

As  
plying  
that a  
its nee  
Baron  
Arago  
discov  
Canad  
tion of

In  
first a  
mena  
fracti  
portio  
throug  
admir  
day, t  
to dis  
whethe

or fra  
The  
tion al  
be 30  
high s  
the hi  
impos  
be war  
combu

\* Pr  
our ear