loops and festoons resembling the star festoon which, in the constellation Perseus, garlands the black robe of night. Nor are varieties of color wanting to render the display more wonderful and moro beautiful. Mapy of the stars which crowd upon the view are red, orange, and yellow. Among them are groups of two and three aud four (multiple stars, as they are called), amongst which bhe and green and lilac and purplestars appear, forming the most charming contrast to the ruddy and yellow orlss near whech they are commonly seen.
But it is when we consider what it is that we are rally contemplating that the true meaning of the scene is discerned. that the true lesson tanght by the star depths is understood. Then we may say with the poet, but in another sense-

$$
\begin{aligned}
& \text { The finch inlaud with patincs of bricaven gohn } \\
& \text { Theres not the smatlest orb whicht gou hehold'st } \\
& \text { That in his motion like an angel sings, } \\
& \text { Still quiring to the young-oved cherubim. }
\end{aligned}
$$

The least of the stars seen in the galactic depths-aven though the telescope which reveals it, be the mightiest set made hy man, so that with all other telescopes that star would be unscen-is a sun like our own. It is a mighty mass, capable ot swaying by its attraction the motions of worlds, like our carth and her fellow-planets, circling in their stately courses around it. It is an orb instinct with life if one may so speak), aglow with fiery entergy, pouring out each moment supplies of life and power to the worlds which circle around it. It is a mighty engine, working out the purpose of its great Creator; it is agiant heart, whose pulsations are the source whence myriad forms of life derive support; and until the fuel which maintains its fires shall he :onsumed, that mighty engine will fulfill its work: until its life-blood shall be erhausted, that giant heart will throls unceasingly. And more wonderful rot, perhaps, is the thought that where all seems peace iut repose, there is in reality a clangor and a tumult rompared with which all the forms of uproar known upn carth sinli into utter insignificance.
We know something of the processes at work upon our own sun. We know of storms raging there, in which fiery vapor masses, tens of thousands of miles in breadth, sweep onward at a rate exceeding a hundredfold in velocity the swiftest rush of our express trains. We see matter fung forth from the depths leneath the sun's blazing surface to a height exceeding ton and twenty-fold the diameter of the globe on which we live. And we know that these tremendous motions, though they seem to take place silently, must in reality be accompanied with a tumalt and uproar altogether inconceivable. We know that precisely as distamer so reduces the seeming dimensions of these vapor masces, and their seeming rate of motion, that even in the most powerful telescopes they appear like the tiniest of the clouds that fleck the bosom of the summer sky, and change as slowly in their seeming shape; so distance partly, and parly the absence of a medimm to convey the sound, reduces to an utter silence a noise and clangor compared with which the yoar of the hurricant, the crash of the thunderbolt- the bellowing of the rolcano, and the hideous groaning of the rarthquak are as abso'ate silence.
What, then must lee our thoughts when we see thousands of stars, all suns like our own, and many probably far surpassing him in splendor, passing in stately progress across the telescopic geld of view? The mind sinks appelled before the amazing meaning of the display. As we gaze at the wondrous scene an infinite
significance is found in the words of the inspired Psalmist: "When I consider the heavens, the work of Thy hands, the sun and staris which Thou hast ordained, what is man that Thou art mindful of him? or the son of man that Thou regardest him?"
It has been said that with the telescopes with which the Herschols have surveyed lie depths of heiven twenty millions of stars are visible. But these telescopes do not penetrate to the limits of the star system. In certain parts of the Milly Way, Sir W. Herschel not only failed to penctrate the star depths with his guaging telescope there spoken of, though the mirror was eighteen inches in widh; hat even when he brought into action. his great forty feet telescope, with its mirror four fect neross, he still saw that clondy light. Which speais of star depths as yet unfathomed. Nay, the giant telescope of Lord Rosse has utterly failed to penelrate the ocean of space that surrounds us on all sides.
ind even this is not all. These efforts to resolve the gataxy into its component. stars have been applied to portions of the Milky Way which there is now reason to believe) are relatively near to us. But in the survey of the heas cans with powerful telescopes streams of cloudy light have been seen, so faint as to convey the idea of inhnite distance, and no celescope yet made by man has shown the separite stars which doubtless constitute these almost evanescent star-regions. We are thus lyought into the presence of star clouds as mysterions to ourselves as the star clouds of the galaxy wese to the astronomers of old times. After penetrating, by means of the telescope, to depths exceeding millions of times the distance of the sun (inconceivable thongh that distance is), we find ourselves still surrounded hy the same mysteries as when we first started. Around us and before us are still the infinite star depths, and The only certain lesson we can be said to have learned is, that those depths are and must ever remain unfathomable. Truly, the German poet Richter has snoken well in those wonderful words which our own prose poet De Quincy has so nobly translated ; his splendid vision aptly expresses the feelleness of man's concep. tions in the presence of the infinite wonders of creation:
"God called up from dreams a man into the vestibule of heaven, saying, 'Come thou hither, and see thr glory of my house.' And to the angels which stood around his throne he said, 'Take him, strip from him his robes of flesh; cleanse his vision, and put a new brealh into his notrils, only touch not with any change his human keart, the heart that weeps and trembles.' It was done; and with a mighty angel for his guide the man stood ready for his infinite voyage; and from the terraces of heaven, without sound or farewell, at once they whecled away into endless space. Sometimes with the solemn thighi of angel wings they passed through Zahazas of darkness, through wildernesses of death, that divided the worlds of life; sometimes they swept over frontiers that were quickening under prophetic motions from God. Then from a distance which is combed only in heaven, light dawned for a time through a shapeless film; liy mutterable pace the light swept to them, they by inntierable pace to the light. In a monent the rushing of planets was upon them; in a moment the blazing of suns was around then.
"Then came eternities of twilight, that revealed but were not revealed. On the right hand and the left towered mighty constellations, that by selfrepetitions and answers from afar, that ly counter-positions, built uptriumphal gates, whose architraves, whose archways, horizontal, upright, rested, rose, at altitude, by spans

