For the Pearl. SACRED PHILOSOPHY.

NUMBER OF THE HEAVENLY BODIES.

"He telleth the number of the stars ; he calleth them all by their names. Great is our Lord and of great power, his understanding is infinite,"-the sand of the sca measured."-JEREMIAH, XXXIII : 22.

royalty, his silence remained unbroken for so long a time, that of their places, these catalogues of stars have been vastly in-the grandees of the court became alarmed lest all their great ex-pectations should be defeated by the failure of their renowned space of three years, between thirty and forty thousand stars, pectations should be defeated by the failure of their renowned space of three years, between thirty and forty thousand stars, orator. At length the mysterious silence ended : the preacher comprehended within a zone extending to 15 degrees on each side arose, and casting an awful glance over his noble auditory, in a solemn and ulmost stilled voice, exclaimed, "My brethren! tion of the whole within the limit of the zone which he examined. God alone is great !" Powerful beyond description was the el-fect of this unexpected appeal, and yet we have sometimes been in-posed that this same zone should be parcelled out among twentyclined to consider it merely as the language of *urt*-a brilliant stroke of oratory intended to dazzle and overwhelm. Be this as right ascension, and examine it in minute detail. This was adoptit may, of one thing we are certain, that it is purely the voice of nature, and the language of the heart, which is breathed forth from the intelligent beholder of the glories of a midnight sky, in the emphatic words, "God alone is great." The earth on which we dwell, in all its loveliness, variety and magnificence, is three positions of the zone presented an equal number of stars calculated to fill us with vast conceptions of the grandear of Him with the one thus carefully examined, the whole would form an its plains-and spread verdure and beauty on every side. But the whole? In some parts of the heavens the stars are so near when we contemplate the countless orbs of the firmament--the together as to form clusters, which to the unassisted eye, appear unnumbered hosts of worlds scattered wide and vast over the il-like this white clouds. Many of these owe their brightness to limitable expanse, these feelings of awe and wonder are impressed the diffused light of myriads of stars. These brilliant portions of upon us with ten-fold sublimity and force.

"Who turns his eye on Nature's midnight face But must inquire,—What hand behind the scene, What arm Almighty, put these wheeling globes In motion, and wound up the vast machine? Who rounded in his palm these spacious orbs? Who bewled them flaming through the dark profound, Numerous as all thering round of morning day Numerous as glittering gems of morning dew, Or sparks from pop'lous cities in a blaze."

None but those who have considered the immensity of the great vault of heaven ; the still, solemn, uniform motion, and the digious quantities of stars in this luminous belt, Sir Win. Herschel prodigious number of stars, will form any worthy conception of gives the following proof. On August 22nd, 1792, he found that the amazing proof of the infinity of the Eternal mind, which is involved in the declaration, that "God telleth the number of the through the field of view in his telescope. On another occasion, stars, and calleth them all by their names." And those only who observes Mrs. Somerville, "in one quarter of an hour he esti have witnessed as an ocular reality, the immeasurable expansion mated that 116,000 stars passed through the field of his telescope of the celestial regions, with the infinite number of spheres which which subtended an angle of 15'. This however was stated as a glitter in the boundless extent, can rise to the sublimity of Isaiah's language, when he asserts in the elegant and energetic expanse of the heavens must exhibit about a HUNDRED MILLION strongth, and the mightiness of his power, not one of them faileth to appear." Man, with all his powers, so great, so wonderful, cannot count the particles of dust which float in a single sun-beam,—his arithmetic cannot number the drops of water which compose the many nighty billours of the wile rolling count counts the many nighty billours of the wile rolling count counts the many nighty billours of the wile rolling count counts the many nighty billours of the wile rolling count counts the many nighty billours of the wile rolling count counts the many nighty billours of the wile rolling count counts the many nighty billours of the wile rolling count counts the many nighty billours of the wile rolling count counts the many nighty billours of the wile rolling count counts the many nighty billours of the wile rolling count counts the many nighty billours of the wile rolling count counts the many nighty billours of the wile rolling count counts the many nighty billours of the wile rolling count counts the many night billours of the many night the wile rolling count counts the many night billours of the many night the wile rolling count counts the many night billours of the many night the m compose the many mighty hillows of the wide-rolling ocean,and the sands of the sea-shore balle all his powers of computa-tion. But these, grand and impressive as they are, are really no-thing to the wonders which our optical instruments disclose to us hundred millions were visible."

COMETS, one of the three classes, into which astronomers di-linstruments? vide the heavenly bodies are, for the most part, considered few in number. This undoubtedly is the popular notion, and yet the uppearances of several hundred have been recorded; and it should be remembered that many are invisible on account of their traversing that part of the heavens which is above the horizon in

double stars. Many thousands of stars that seem to be only bril- Creator who "numbereth the stars, and calleth them all by name." liant points, when carefully examined are found to be in reality EDITOR.

naked eye, in the clearest and darkest night. Flamstead with It is related of the cloquent Massillon, when on the august oc-casion of pronouncing the funeral oration of Louis XIV., sur-named "the Great," that amidst all the pageantry of decased powerful, and instruments more delicate for the determination of the equator ; but even this great number is but a small porfour observers, and that each should confine himself to an hour of ed; and the eighteenth hour was confided to Professor Inghirami, of Florence, and examined with so much care, that the positions of 75,000 stars have been determined in it." See Edin. Rev. No. 101, page 91. Now on the supposition that the other twentywhose power constructed so stupendous a globe-reared its amount of 1,800,000. And this but a spot in the magnificent "Mr. O'Connell, you have permitted yourself to be betrayed mountains-formed its valleys-channelled its rivers-extended spectacle of the heavens ! Who then can estimate the number of into the use of expressions at a public meeting, with respect to the heaven are denominated nebulæ : no fewer than 2500 were observed by Sir Wm. Herschel. In a clear night level your telescopes at

> "A broad and ample road, whose dust is gold, And pavement stars, as stars to us appear, Seen in the Galaxy, that Milky Way, Like to a circling zone, powdered with stars."

This immense but irregular zone of whitish light is called the Milky Way. What a field for lofty contemplation ! Of the prospecimen of extraordinary crowding; but at an average the whole of fixed stars that come within the reach of telescopic vision." Nor heavens." And Montucla, vol. iv. page 29, observes, "the

"Where ends this mighty building ? Where begin The suburbs of creation ? Say at what point of space, Jehovah dropped His shackened line, and laid his balance by: Weighed worlds, and measured infinite no more."

the day time. Almost every year we have the account of one or And comes the answer from any but the fool-" the building more comets seen, and it sometimes happens that two or three are ends where our geometry fails --- Jehovah dropped his slackened

Sir Win. Herschel enumerated upwards of 500 double stars, and stars may be REALLY INFINITE, in the only sense in which we Professor Struve of Dorput, in 1826 surveyed 1000 double stars. | can assign a meaning to the word." If such be the building, Since then, it is stated, this professor has examined above 120- what must be the architect? If such the effect, what must be the 000 stars, and found 3050 to belong to the first four classes of Cause? If such be creation, what must be the Creator ; that

. THE PEARL.

HALIFAX, FRIDAY EVENING, APRIL 20, 1838.

BAITISH NEWS .- By the March packet we have received intelligence from London to the 8th of March. The two leading topics of interest are annexed +

REPRIMAND OF MR. O'CONNELL .- On Wednesday, the order of the day for the attendance of Mr. O'Connell having beenread,

The Speaker said-" Is the honourable Member in his place ?" Mr. O'Connell rose and said-"I am here, Sir;" and then at down.

The Speaker-" The honourable Member will please to stand up." Mr. O'Connell accordingly rose; and the SPEAKER addressed the offender as follows-

"Mr. O'Connell, you have permitted yourself to be betrayed which this House has come to the following resolutions-' That the expressions in the said speech, containing a charge of foul perjury against Members of this House in the discharge of their judicial duties, are a false and scandalous imputation on the honour and conduct of Members of this House : that Mr. O'Connell having avowed that he had used the said expressions, has been. guilty of a breach of the privileges of this House : and, finally, that he be reprimanded in his place." "

At the conclusion of the reprimand, Mr. O'CONNELL, without sitting down, addressed the House. He said that it was not because they had passed a long-winded resolution, asserting their purity by a majority of nine, or nine-and-twenty, or even two. hundred, that the country would judge them to be pure. In the opinion of the country, the House had no more vindicated itself by that vote, than Judges who authorized the taking of shipmoney would have been justified in public opinion by a declaration of their own purity and patriotism. It was admitted on all. hands, that the decisions of Election Committees were biassed by party interests and attachments ; and what, he wished to know, was that, but an admission of perjury? The House had done absolutely nothing to vindicate itself from the charge he had brought against it. Give him a Committee, and he would prove that charge ; he would meet their resolutions by evidence. "Sir, . I mean to move that this Committee shall be formed, and I shall submit, upon that, to any thing which the House may think fit. in some regions of the heavens. And yet the calculation of all the majestic bodies which adorn every part of the skies, is "a the mighty number of 100,000,000 stars, shall we vainly suppose very little thing," with the Almighty. Who then can withhold his that at the extent of this unbounded range we have found the enlightened assent to the inspired position—" Great is our Lord, dominions of the Almighty by our limited powers and feeble their attention to a subject which introduces the name and sanction of the Deity. (Ilear hear.) I repeat what I have said, but. I wish I could find terms less offensive in themselves, and equally significant. (Hear, hear.) I am bound to re-assert what I have said, for I am convinced of nothing by a vote. (Hear.) Sir, I now move for the appointment of a Committee."

CENSURE OF MINISTERS .- In the House of Commons, on the

visible at the same time. But it can be proved, according to the line just at the limits of our astronomy---the suburbs of creation philosophy of chance, that the number of comets may be unlimit-ed. In an elaborate dissertation, "On the Mechanism of the to cite the spirit-stirring words of the christian orator of the world : -" Fancy may take its flight far beyond the ken of eye or of Heavens," by Mrs. Somerville, we have the following able remarks on the subject :-- " A hundred and forty comets have ap- || telescope ; it may expatiate in the outer regions of all that is visipeared within the earth's orbit during the last century, that have ble; and shall we have the boldness to say that there is nothing Queen, respectfully expressing the opinion of this house that in not again be seen; if a thousand years be allowed as the average there; that the wonders of the Almighty are at an end because the presented critical state of her Majesty's foreign possessions in period of each, it may be computed by the theory of probabilities, we can no longer trace his footsteps ? that his omnipotence is exthat the whole number that range within the earth's orbit must be hausted because human art] can no longer follow him ? that the 1,400; but Uranus being twenty times more distant, there may creative energy of God has sunk into repose because the imabe no less than 11,200,000 connets that come within the known gination is enfeebled by the magnitude of its efforts, and can keep interests dependent on the prosperity of the colonies that her extent of our system." At this account of nature, the profound lino longer on the wing of those mighty tracts ?" Let it be conest mind may well stagger ! Extend the idea to other worlds, sidered that the different catalogues of fixed stars made by asand systems of worlds, and man is wildered and lost in the gran-deur of the conception. "Lo! these are parts of his ways, but celestial regions have been examined; and hence the number reliance; and declaring that, with all due deference to the constihow little a portion is heard of him? but the thunder of his power, has augmented in proportion to the superiority of the instruments employed. What then would be the vast total prowho can understand ?"

duced with glasses of infinitely higher magnifying powers? Great as the number of the comets appears to be, it is absolute-And "who shall assign a limit to the discoveries of future ages ? ly nothing when compared to the number of the FIXED STARS. For the convenience of description and reference these have been Who can prescribe to science her boundaries, or restrain the acclassed into groups, called constellations. Such divisions, how-litive and insatiable curiosity of man within the circle of his present ever, are purely of human invention, and have no reference to acquirements? The day may yet be coming when our instru-any thing connected with the stars themselves. The region of the ments of observation shall be inconceivably more powerful !" stars is also divided into two hemispheres, the one north and the Referring to one of the calculations of Sir Win. Herschel, Dr. other south. Of the constellations in both hemispheres the an-||Thomson in his "Sketch of the Progress of Physical Science," cients knew 48; the moderns have increased the number to more remarks :-- " If we compute from such a nurrow zone, the whole than 100. The stars of the constellations are again distinguished celestial vault must display, within the range of telescopic vision, into classes, according to their apparent brightness, and are term-lithe stupendous number of more than five billions of stars. If each ed magnitudes. The brightest stars are said to be of the first mag-||of these be a sun to a system similar to ours, and if the same || parties in those provinces, by which many of the inhabitants havenitude ; those which full so far short of the first degree of bright- number of planets revolve round it, then the whole planets in the ness as to make a marked distinction are classed in the second, universe will be more than FIFTY-FIVE BILLIONS, not reckonand so on down to the 16th degree of magnitude. Below the ling the satellites, which may be much more numerous." On wixth or seventh degree of magnitude, none are obvious to unas- this subject also, Sir John Herschel, an authority on any quessisted vision. Many of the stars of different magnitudes which tion of Astronomy, observes that-" every increase in the di-appear to the naked eye as single bodies, are not so, but a com- mensions and power of instruments, which successive improvebination of several. "One has been ascertained to be a sextuple ment in optical science has attained, have brought into view mulstar, or six associated together; two others are quadruple or itudes innumerable of objects invisible before; so that, for ty's regular troops combined with the services of the loyal inha-groups of four; several are triple; and still more are double." any thing experience has hitherto taught us, the number of the bitants. To assure her Majesty of our continued determination to

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6th of March, Sir William Molesworth moved the following Resolution :

"That an humble address be presented to her Majesty the the presented critical state of her Majesty's foreign possessions in various parts of the world, it is essential to the well-being of her. Majesty's Colonial empire, and the more important domestic in-Majesty's Colonial Minister should be a person on whose intelligence, firmness, and capability, the house might be able to place intional authority of the crown, the house is of opinion that her Majesty's present Secretary of State for the Colonies did not enjoy: the confidence of the house or country."

To which the following amendment was moved by Lord Sandon, and, after a warm debate, lost by a majority of only 29 in. favour of Ministers.

" That an humble address be presented to her Majesty, expressing to her Majesty our deep regret that the tranquillity of her Majesty's provinces of Upper and Lower Canada should have been. disturbed by the wicked and treasonable designs of disaffected been seduced into opposition against the authority of her Majesty. To assure her Majesty that we have observed, with the utmost satisfaction, the zeal and fidelity which have animated the loyal inhabitants of her Majesty's North American provinces, and that we cordially rejoice in the success which has attended her Majes-