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## THE INSTRUCTOR. In l

## RWIIGIOTS,

CHARACTER OF GOD. BY THE LATE HE O. JOHN RYLAND.
cod is A spIRIT,
Incorporeal, invisible, immortal. GOD) IS AN ENTREATED SPIRIT, Simple and uncompounded; eterual, witha beginning or end; immutable, without inge; cmmipresent, without bounds.
god is an active operative spirit:
He has life or self-mution, essential life, anal life, efficient life, and no death in Him. nighty in power, and no weakness in Him. ab is an intelligent rational spirit: Has an infinite understanding aid knowledge of all things.
"Thou God gest me."--Gen. xvi. 13.
He has a will or a power to do a thing or to tet it alone. His will has objects, ends, actings, dominion.
god is a spirit :
Of amiable afections-love and joy; Of awful affections-hatred, anger, zeal and wrath.
god is a spirit :
Adorned with virtues or good qualities : $^{\text {a }}$
Wisdom to propose the best ends;
Goodness, or 2 will to give pleasure;
Love, grace, mercy, patiènce ;
Holiness, or purity of nature;
Justice, or an ardent regard for his dues and rights.
Truth in existence, in conception, in intention, in expression, action or conduct.

GOD is a Spirit,
Self-sufficient for himself, all-suflicient for his people.

## GOD 15 A SPIRIT,

Of immortal dignity, of eternal pre-eminence, of delicate and correct taste.
god is a perfect spirit, A happy Spirit, a glorious Spirit; an incomprehensible Spirit.

THE SAVIOUR.
The toils and trials of a distressing, but perfect life, follow thus illustrious personage to the place of death. Approach his cross, and fix your attention on the prodigies which signalise his sufferings, and stamp divinity on their martyrdom! Think not that I allude to the terrific drapery which in that dread hour was flung around the great theatre of nature. No : 'is not the darkened sun, the bursting tongs, the quaking mountains, or the rem. bling world that I allude to! These, inced, are prodigies; but these vanish before the still greater prodigies of meekness, humility and $\sin \cdot$ forgiving goodness displayed in the dying Saviour. Whey I behold him amidst the last agonies of dissolving nature, raising his dying eyes to heaven, and, forgetful of himself, interceding with the God of mercy, with his last breath, and from his very cross. in behalf of those wretches whose insatiable malice had fixed him therc-then it is that the evidence of his claims rise to demonstration, and I feel the resistless force of that impas. sionate exclamation which burst from the lips of infidelity itself, "If Socrates died as a philosopher, Jesus Christ died as a God !"

And shall a worm, covered with crimes and living on sufferance, in the same world where the agonizing Saviour uttered his dying supplication, and left his dying example for imp-tation-shall such a worm, tumid with resentmeat, lift bis proud crest to his fellow worm,
and, incapable of mercy, talk of retribution? No, blessed Jesus, thy death is an antidote to vengeance. At the foot of thy cross 1 meet my enemies, it furget their injuries. I bury my revenge, and forgive them as I a'so hop ' to be forgiven of thee.-Dr. Notr.

PaRtictlar providence.
For my own part, 1 fulity enter into the sentiment of an cucient writers that it would not be worth while to live in a vorld that was not governed by a Providence. Nothing is so tranquilizing and consolato: amidst the perpetual shiftings and fluctuatiots and uncertainties of an inconstant world, as the firm be. lief that my family and myself are whol:y depeadent on the sleepless and unremitting care of our reconcited God and Father; that he views with indifference nothing which can affert us either with good or with ill; that escry drop in the ocean of means is in his hand and at his disposal ; and that he is making all things work together for our good. His eye is upon every hour of my existeace, his spirit intimately present with every thought of my heart. His hand impresses a direction upon every footstep of my goings. Every breath I inhale is drawn in by an energy which God deals out to me. This body, which upon the slightest derangement would become the prey of death, or of woful suffering, is now at ease, because he is at this moment waiding off from me a thousand dangers, and upholding the thousand movements of its complex and delicate machinery. His presiding influence keeps me through the whole current of my restless and ever changing history. When I walk by the way he is along with me. When I enter into company, amid all my forgetfulness of him, he never forgets me. In the silent watches of the night, when my eyelids have closed, and my spirit has sunk into unconsciousness, the ooservant eye of him who never slumbers is upon me. I cannot fly from his presence. Go where I will, he tends me, a a d watches me, and cares for me. And the same Being piho is now at work in the remotest dominions of

Nature and of Providence, is also at my right hand, to cke out every moment of my being, and to uphold me in the exercise of all my feelings and all my faculties.

## 

## A SCENE IN RE, IL LIFE.

Amidst the exaggerations, modern literature. and the fictions of that exuberant fancy, which in these latter days is tasked to gratify a public taste somewhat vitiated. it is useful to present occasional views of actual existence. Such are contained in the followng sketch, which is studiously simple in its language, and every event of which is strictly true. We have this assurance from a source entitled to insplicit credit.

Kaickerbucker.
There is a vast amouat of suffering in the world that escapes general observation. In the lanes and alleys of our populous cities, in the garrets and cellars of dilapidated buildiags, there are preguant cases of misery, degradation and crime, of which those wbo live in comfortable houses, and pursue the ordinary duties of lif , have neither knowiedge nor conception. By mere chance, occasionally, a solitary instance of depravity and awful death is exposed, but the startling details which are placed befure the community, are regarded as gross exaggeritions. $1 t$ is difficult for those who are acquaint. ed with human nature in its darkest aspects, to conceive the immeasurable dep:h to which crime may sink a human being, and the task of attempting to deinueate a faithful picture of such depravity, though it might interest the philosopher, wound be revolting to the general reader. There are, however, cases o: folly and error, which should be promu'gated as warnings, ard the incidents of the annexed sketch are of this character. Mysterious are the ways of Providence in punishing the transgressions of me:-and indisputable is the truth, that Death is the wages of $\sin$.

## chap. 1.

Twenty years ago, no family in the fashionable cicles of Philadelphia was more distinguished than that of Mr. Lـ, no lady
was more admired and esteemed than his lovely and accomplished wife. - They had married in early life, with the sanction of relations and friends, and under the conviction that each was obtaining a treasure above all price. They loved devotedy and with cnthusiasm, and their bridal day was a dyy of pure and unadulterated happiness to themselves, and of pleasure to those who were present to offer their congratulations on the joyous event. The happy pair were the delight of a large circle of acquaint. ances. In ber own parlour, or in the drawing. rooms of her friends, the lady was ever the admiration of those who crowded around her, to listen to the rich melody of her voice, or to enjoy the flashes of wit and intelligence which characterised her conversation.

Without the egotism and vanity which sometimes distinguish those to whom society pays adulation, and too prudent and careful in her conduct to excite any feeling of jealousy in the breast of her coufiding husbant, Mrs. L_-'s deportment was in all respects becoming a woman of mind, taste and polished education. Her chosen companion noticed her career with no feelings of distrust, but with pride and satisfaction. He was happy in the enjoyment of her undivided love and affection, and happy in witnessing the evidences of esteem which her worth and accomplishments elicited. Peace and prosperity smiled on his domestic circle. and his offspring grew up in loveliness to add new pleasure to his career.

The yrungest of his children was a daughter, named Letitia, after her mother, whom, in many respects, she promised to resemble. She had the same laughing blue eyes, the same innocent and pure expression of countenance, and the same general outline of feature. At an early age her sprightliness, acute observation, and aptitude in acquiring information, furnished sure evidences of intelligence; and extraordinary pains were taken to rear her in such a manner as to develope, advantageously, her natural powers. The care of her education devolved principally upon her mother, and the task was assumed with a full consciousness of its responsibility.

With the virtuous mother, whose mind is unshackled by the absurdities of extreme fashionable life, there are no duties so weighty, and at $t \mathrm{n}$ a same time so pleasing, as those conareted with the education of an only daugh. ter. The weight of responsibit. involves rot only the formation of an aniab:? disposition and correct princi!irs, but in a $g$ eat measure the degree of happiness which the child may subscquently enjoy. Errors of educ.tiun are the fruitful source of misery, and to guard against these is a task which requires judgment and unremitting diligence. But for this labour does not the mother receive her reward? Who may tell the gladness of her heart, when the infant cherub first articulates her name? Who can describe the delightful emotions elicited by the early developement of her genius, the expansion of the intellect when it first receives, and treasures with eagerness, the seeds of knowledge? These are joys known only to mothers, and they are joys which fill the soul rith rapture.

Letitia was eight years old, when a person of genteel address and fashionable appearance, named Duval, was introduced to her mother by her father, with whom he had been intimate when a youth, and between whom a strong friendship had existed from that period. Duval had recently returned from Europe, where he had resided a number of years. He was charmed with the family, and soon became a constant visitor. Having the entire confidence of his old friend and companion, all formality in reference to intercourse was laid aside, and he was heartily welcomed at all hours and under all circumstances. He formad one in all parties of pleasure, and in the absence of his friend, accompanied his laay on her visits of amusement and pleasure, a privilege which he sedulously improved whenever opportunity offered.

Duval, notwithstanding his personal attraction and high character as a 'gentleman,' belonged to a class of men, which has existed more or less in all ages, to disgrace humanity. He professed to be a philosopher, but was in reality
a libertine. He lived for his own gratification. It mor opolised all his thoughts, and directed all his actions, He belonged to the school of Voltaire, and recognised no feeling of the heart as pure, no tie of duty or affection as sacred. No consideration of suffering, of heart-rending grief, on the part of his victim, were suff. cient to intimidate his purpose, or check his sareer of infamy. Schooled in hypocrisy, dissimulation was his business, and he regarded the whole world as the sphere oi his operations the whole buman family as legitimate subjecto for his villainous depravity.

That such characters, so base, so despicable, so lost, to all feelings of true honour, can force their way into respectable society, and poison the minds of the unsullied and virtuous, may well be a matter of astonishment to those ac. quainted with the desperate artfulness of human hearts. But these monsters appear no: in their true character: they assume the garb and deportment of gentlemen, of philosophers, of men of education and refuement; and by their accomplishments, the suavity of their manners, their sprightliness of conversation, bewilder before they poison, and fascinate be. fore they destroy.

If there be, in the long cafalogue of guile, one character more hatefully despicable than another, it is the libertine. Time corrects the tongue of slander, and the generosity of friends make atonement for the depredations of the midnight rubber. Sufferiugs and calamities may be assuaged or mitigated by the sympathies of kindred hearts, and the tear of affec. tion is sufficient to wash out the remembranci of many of the sorrows to which flesh is, heir. But for the venom of the libertine there is no remedy, of its fatal consequences there is no mitigation. His victims, blasted in reputation, are forever excluded from the pale of virtuous society. No sacrifice can atone for their degradation, for the unrelenting and inexorable finger of scorn ohstructs their progress at every step. The visitation of death, appalling as is his apprjach to the uoprepared, were a mercy, compared with the extent ard perma. Wancy of this evil.

Duval's insidious arts were not unobserved by his intended victim. She noticed the gradual developement of his pernicious principles, and shrunk with horror from their contaminating inthence. She did not hesitate to communicate her observations to her husband; but he, blinded by prejudice in fa vour of his friend, laughed at her scruples. Without a word of caution, therefore, his intercourse was continued, and such was the weight of his ascendant power, such the perfection of his deep laid scheme, and such his facility in glossing over what he called unparionable, but which, in reality, were grossly licentious, indiseretions of lauguage and conduct, that even the lady herself was induced in time to believe that she had treated him unjustly. The gradual progress of licentiousness is almost imperceptible, and, before she was aware of her error, she had drunk freely of the intosicating draught, and had well nigh become a convert to Duval's system of plaiosophy. Few who approach this fearful precipice are able to retrace their steps. The senses are bewildered, reason loses its sway, and a whirlwind of maddening emotions takes possession of the heart, and hurries the infatuated victim to irretrievable death. Before her suspicions wese awakened, the purity of her family circle was destroyed. Duval enrolled on his list of conquests a new nameTHE WIFE OF HLS BOSOM MRIEND!

An immediate divorce was the consequence. The misguided woman, wino but late had been the ornamem of society and the pride of her family, was cast out upon the worid, unprotected, and without the smallest resource. The heart of the husiand was broken by the calamity which endered this step necessary, and he retired, with his children, to the obscurity of humble life.
[We shall give the remainder in our next.]
The connexion of religious dutics with moral is so very close, that, as the religion of those is always false who thitnk meanly of virtue, so the virtue of those is never uniform, if at all true, who think meanly of religion.

## NATURAL PHIIOSOPMY.

## FOR THE INSTRCCTOR.

"Thre is a tongue in every leaf!
A voice in every rill!
A voice that speaketh everywhere.
In Hood and fire. through earth and air : A tongue that's never still !"

Sir, - A work such as that which you have undertalen to publish is calculated, in my opinion, to be productive of much good; and I feel confident the object of your little work will be duly appreciated.

As it is expecte? you will devote a portion of it to an euquiry into the works of the Crea. tor, 6 for in wisdom hath he formed them all!" I beg to offer the first of a series of brief articies upon select subjects in Natural Philosophy. The generality of people, imagining this to be too deep a science for their compre. hension, never make it a study. Without diving into its depths, we may attain, to a great extent, that knowledge, which is not only interesting in the highest degree, but which, as Lord Bacon says, contributes to make men better and happer. From the days of this great man to the time of Newton, it has been cultivated in England; when the latter succeeded in banishing the vague hypothesis to which it was subjected, and bringing it under an ontire subjection to experiments and geometry, the eby placing it upon a foundation which will rever fail whilst the nature of things remains unchanged. The writings of the philosupher Ferguson I take for my guide, which, together with my own researches, I will enden. vour to compress into a form suitable to your work and my purpose. Wishing you every success,

$$
\mathrm{I} \text { ar, } \mathrm{Sir},
$$

Your obedient servant, W.
MATPER.
The word matter here means every thing that has length, breadth and thickness, and resists the touch.
its inherent properties are solidity, ibactivity, mobility and divisibility.

By solidity is understood the property of not being easily separated into parts. Two substances, having a third between them, cannot be made to touch. Each body has some shape, and hiuders other hodies from occupying the space which it possesses.
$I_{\text {nactivity }}$ is another property by which matter endeavours to continue in the state it is in, whether of resi or motiull. One body con. taining twice or thrice as much matter as another, has twice or thrice as much inactivity, or will require twice or thrice as much force to give it an equal degree of molion, or stop it after it has been put in such mation. That matter in a state of rest can never put itself in mution is a fret admitted by all; but being unacquainted with the laws of motion, most people are liable to believe that matter in a state of motion has a propensity to fall into a state of rest. A canon ball, put into violent motion, is soon stopped, 1st, by is weight or gravity, which sinks it to the ground, and 2 dly , by the resistance of the air. If a ball be propelled with equal force upon a bowlinggreen it will go a shorter distance, because of the fiction of the grassy surface and the resistance of the air; but if the field be made perfectly even, and covered with polished marble, tiue fall, by the same degree oi force, will go still farther, there being less to resist it. If the ball were taken several miles ábove the earth, and there projected in a horizontal direction with such a velocity as would make it move, if we may use the expression, beyond the boundary of the earth, in obedience to this force propelling it forward, and gravity attracting it towards the earth, and no resisting medium, the ball would not fall to the earth, but continue to revolve round it for ever, in the same manner as the earth revolves round the sun, or the moon round the earth. In the receiver of an air pump, fror. which the air has been pumped, and a vacuum formed, a common top has been known to spin for many minutes; and if the friction of the top upon the bottom of the receiver could be done away with, it would spin for ever, and thus would
be attained the long- looked-for perpetual motion.

The next chapter will treat of the moinity and divisibihtyof matter.

## 

[The following is extracted fiom a work entitled 'Letters from the last, by John Carne, Esquire, of Queen's College, Cambridge."]

NOENT SINAT.
"A few hours more, and we got sight of the noountains round Sinai. Their appeazaner was magnificent; when we drew nearer and emerged out of a deep pass, the scencry was jufinitely striking, andon the right entended a vast range of mountains as far as the eye could reach, from the vicinity of Simat down to Tor. Theyavere perfectly bare, but of grand and singular form.
© We had hoped to reach the convent by daylight, but the moon liad risen some time when we entered the mouth of a narrow pass, where our conductors advised us to dismount.

A gentle, yet perpetual ascent led on, mile after mile, up this mournful valley, whose aspect was terrific, yet ever varsing. It was not above two hundred yards in width and the mountains rose to an immense height on each side. The road wound at their feet along the cige of a precipice, and amidst masses of rock that had fallen from above. It was a toilsome path, generally over s.ones, placed like steps probably by the Arabs; and the moonlight was of little service to us in this deep valles, as it cnly rested on the frowning summits above. Where is mount Simat? was the inquiry of every one. The Arabs pointed before to Gabel Mousa, the mount of M(scs, as it is called; but we could not distinguish it. Again and again, point after point was turned, and we saw but the same stern scenery. But what had the softness and beauty of nature to do here? Mount Sinai required an approach like this where all seemed to proclaim the land of miracles, and to hive been visited by the terrors of the Lord. The scenes, as you gaze around,
had an unearthly character, suited to the sound of the fearful trumpet that was once heard there. We entered at last on the more open valley, about half a mile wide, and drew near this famous mountain. Sinai is not so lofty as :ome of the mountains aroutd it, and in its form there is nuthing graceful or peculiar to distinguish it from othe.s.
"At no great distance from the convent is the scene, in the solitudes of Midian, where tridition says Moses kept the sheep of Jethro, his father-in-law. It is a valley at the back: of the $\cdots$ ant, between two ranges of mountains. solitary group of trees stands in the middie.
"On the third morning we set out early from the convent for the summit of mount Sinai, with two Arab guides. The ascent was, for some time, over long and brohen flights of stone steps, placed there by the Greeks, Thepath was often narrow and steep, and wound through lafty masses of rock on each side. In about helf an hour we came to a well of excellent water; a short distance above which is a small ruised chapel. About half way up was a verdant and pleasant spot, in the midst of which stood a high and solitary palm, and the rochs rose in a small and wild amphitheatre around. We were not very long now in reaching the summit, which is of limited extent, having two small buildings on it, used furmerly by the Greek pilgrims, probably for worshlp. But Sinai has four summits, and that of Moses stands almost in the midn of the others, and is not visible from bet, so that the spot where he received the law must have been hid from the view of the multitude around; and the smoke and flame, whicl Scripture says, enveloped the entire mount Simai, must have had the more awful apr ance, by reason of its many summits an extent; and the account delivered $g$ reason to imagine that the summit, ot where God appeared, was shrouded fro.. hosts around ; as the seventy elders only were permitted to behold ' the body of heaven in its clearness, the fect of sapphire,' \&c.


## TIIE FALLS OF NAGARA.

The Niagara channel, about forty miles in length, brings into Ontario the waters of Lake Erie d of all the upper country. On this channel occurs an object the most grard and awful ia nature, the Falls of Niagara. The accumulated waters flowing from fuur mighty lakes and all their tribu--ies, after being for two miles agitated like a sea by rapias, come to a precipitous rock where $y$ pour down their whole mass in one tremendous plunge of 160 feet high. The noise, tumult, id rapidity of this falling sea, the rolling clouds of foam, the vast velumes of vapur which rise into - air, the brillisncy and variety of the tints, and the beautiful raiabows which span the abyas, the
'banks, and immense woods, which surround this wonderful scene, lave been corsidered by -d travellers as eclipsing every similar phenomenon. The woise resembles that caused by
;e of a thousand pieces of ordnance; and it is heard, and the cloud of waters seen, at the ut thirty or forty miles. The fall on the Canadian side is 600 feet wide, of a semicircular that on the American side only 3.56 feet. The one, called the Crescent or Finse-shoe Fall, in a mighty sea-green wave; the other, broken by rocks into foam, resembles a sheet of $\therefore$ iver. Bold travellers lave ventured down, amid broken rocks, with the certanty of being ? the skin, and with some little danger, to the foot of the fall, and even below it. Others,
${ }^{3} \mathrm{f}$ fr daring, venture out in a skiff, and view it in front at the distance of twenty paces; ere is here little or no danger, so awful is the scene, that few can summon the requi There are now excellent inns on both sides of the falls, which are crowded with visit
Niagara froutier are three villages; one, that of Niagara, with about 1500 inhabit indted not at the falls, but at the mouth of Lake Ontatio, with a fort facing another on the American side; Queenston, twelve miles below the falls, which suffered severely during the late ar, but is recovering; and Chippewa, the same distance above, containing several neat houses, and t the mouth of a river, the banks of which are csyered with excellent timber.

## POEmEx.

PKOVIDENCE.
How are thy servants blest, $O$ Lord! How sure is their defence!
Eternal wisdom is their guids, 'Their help, Ommipotence.
In foreign realms and lands remote, Supported by thy care,
Through burning climes I pass'd unhurt, And breath'd in tainted air.
Thy mercy sweeten'd every soil, Made every region please;
The hoary Alpine hills it warm'd And smooth'd the 'Tyrrhene seas.
Think, 0 my soul. devoutly think, How, with affrighted eyes.
Thou saw'st the wide extended deep In all its horrors rise.
Confusion dwelt in every face, And fear in every heart;
When waves on waves, and gulfs on gulfs, O'ercame the pilot's art.

Yet, though in dreadful whirls we hung, High on the broken wave,
I knew thou wert not slow to hear, Nor impotent to save.
The storm was laid, the winds retir'd, Obedient to thy will:
The sea that roar'd at thy command, Ac shy command was still.
In midst of dangers, fears and death, Thy goodness I'll adore;
And praise thee for thy mercies past, And humbly hope for more.

My life, if thou preserv'st my life, Thy sacrifice shall be;
And death, if death must ber my doom, Shall join my soul to thee.

## BIOGRAPEY.

## SIR ISAAC NEUTON.

Dr. Brewster has lately written the life of the great Newton, for the English Family Library. Newton is stated to have been a posthumous child-his father dying at the age of 96 . The helpless infant thus ushered into the world, was of such an extremely diminutive size, and seemed of so perishable a frame, that two wc. men who vere sent to Lady Pakeniam's, at North Witham, to bring some medicine to
strengihen him, did not expect to find him alive on their return. Sir I saac Jewton told Mr . Conduit, that he had oiten heard his mon ther say, that when he was boru he was so little that they might have put him into a quart mug. So weak and so diminutive was the being, whose fame was afterwards destined to fill the world-the foremost man of all the earth. He was very inattentive to his studies and stood very low in the school: but a single spark of honest pride fired the genius whicis was destined to illuminate the work. The boy who was above him having one day given him a severe kick upon his stomach, from which he suffered great pain, Isaac labourel incessantly till he got above him in the school, and from that time he continued to rise till he was the head boy. Frem the habits of application winch this incident led him to form, the peculiar character of his mind was speedliy displayed. During the hours of play, when the other boys were cccupied with their amusements, his mind was engrossed with mechanical contrivances, eithe $r$ in imitation of something which he had seen, or in execution of some original conception of his own. For this purpuse he provided himself with little saws, hatchets, hammers, and all sorts of tonls, which he acquired the art of using with singular dexterity. The principal pieces of mrchanism which he thns constructed were a windmill, and a carriage put in motion by the person who sat in it. Such was the birth, and such was the first dawuing, of the greatest man that has ever lived in the tide of times.

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