thus he will do to the end of time. And how wonderfully and simple is His way of working, in the spiritual as well he natural world! that is, his general plan of working, epairing whatsoever is decayed. But as to innumerable iculars, we must still cry out, "O the depth! How thomable are his counsels, and his paths past tracing

SERMON LXIX.

HE IMPERFECTION OF HUMAN KNOWLEDGE.

"We know in part." 1 Corinthians xiii. 9.

1. THE desire of knowledge is an universal principle in man, ed in his inmost nature. It is not variable, but constant in ery rational creature, unless while it is suspended by some ronger desire. And it is insatiable: "The eye is not satisfied ith seeing, nor the ear with hearing;" neither the mind with ny degree of knowledge which can be conveyed into it. And is planted in every human soul for excellent purposes. It intended to hinder our taking up our rest in anything here elow; to raise our thoughts to higher and higher objects, me and more worthy our consideration, till we ascend to the source of all knowledge and all excellence, the all-wise and all gracious Creator.

2. But although our desire of knowledge has no bounds, yet in knowledge itself has. It is, indeed, confined within very unow bounds; abundantly narrower than common people imaple, or men of learning are willing to acknowledge: A strong timation, (since the great Creator doeth nothing in vain,) that here will be some future state of being, wherein that now insatible desire will be satisfied, and there will be no longer so immense a distance between the appetite and the object of it.

3. The present knowledge of man is exactly adapted to his present wants. It is sufficient to warn us of, and to preserve us imm, most of the evils to which we are now exposed; and to recure us whatever is necessary for us in this our infant state

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of existence. We know enough of the nature and sensible qualities of the things that are round about us, so far as they are subservient to the health and strength of our bodies; we know how to procure and prepare our food; we know what raiment is fit to cover us; we know how to build our houss and to furnish them with all necessaries and conveniences; we know just as much as is conducive to our living comfortably in this world: But of innumerable things above, below, and round about us, we know little more than that they exist. And in this our deep ignorance is seen the goodness as well as the wisdom of God, in cutting short his knowledge on every side, on purpose to "hide pride from man."

4. Therefore it is, that by the very constitution of ther nature, the wisest of men "know" but "in part." And how amazingly small a part do they know, either of the Creator, or of his works! This is a very needful, but a very unpleasing theme; for "vain man would be wise." Let us reflect upon it for awhile. And may the God of wisdom and love open ou eyes to discern our own ignorance!

I. 1. To begin with the great Creator himself. How astonisingly little do we know of God !—How small a part of his nature do we know ! of his essential attributes ! What conception on we form of his omnipresence ? Who is able to comprehen how God is in this and every place ? how he fills the immesity of space ? If philosophers, by denying the existence of vacuum, only meant that there is no place empty of God, the every point of infinite space is full of God, certainly no ma could call it in question. But still, the fact being admited what is omnipresence or ubiquity ? Man is no more able to comprehend this, than to grasp the universe.

2. The omnipresence or immensity of God, Sir Isaac Nerri endeavours to illustrate by a strong expression, by terminiinfinite space, "the Sensorium of the Deity." And the up Heathens did not scruple to say, "All things are full of 6d." Just equivalent with his own declaration :—"Do not I heaven and earth? saith the Lord." How beautifully do the Psalmist illustrate this ! "Whither shall I flee from up presence? If I go up into heaven, thou art there: If I down to hell, thou art there also. If I take the wings div morning, and remain in the uttermost parts of the seared there thy hand shall find me, and thy right hand shall hold.

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But, in the mean time, what conception can we form, either this eternity or immensity? Such knowledge is too wonderful trus: We cannot attain unto it.

3 A second essential attribute of God is eternity. He nisted before all time. Perhaps we might more properly say, he does exist from everlasting to everlasting. But what is senity? A celebrated author says, that the Divine eternity is its interminabilis tota simul et perfecta possessio: "The tance entire and perfect possession of never-ending life." But we much wiser are we for this definition? We know just as much of it as we did before. "The at once entire and perfect presession!" Who can conceive what this means?

4 If indeed God had stamped (as some have maintained) an is of himself on every human soul, we must certainly have interstood something of these, as well as his other attributes; in we cannot suppose he would have impressed upon us either tike or an imperfect idea of himself; but the truth is, no in ever did, or does now, find any such idea stamped upon is soul. The little which we do know of God, (except what t receive by the inspiration of the Holy One,) we do not put from any inward impression, but gradually acquire from mout. "The invisible things of God," if they are known at L, "are known from the things that are made;" not from the God hath written in our hearts, but from what he hath minn all his works.

Hence then, from his works, particularly his works of mion, we are to learn the knowledge of God. But it is not to conceive how little we know even of these. To begin in those that are at a distance: Who knows how far the interse extends? What are the limits of it? The morning a can tell, who sang together when the lines of it were and and said, "This be thy just circumference, wild!" But all beyond the fixed stars is utterly hid from the illen of men. And what do we know of the fixed stars? in telleth the number of them? even that small portion then that, by their mingled light, form what we call, "the y way?" And who knows the use of them? Are they many suns that illuminate their respective planets? Or do muly minister to this, (as Mr. Hutchinson supposes,) and tribute, in some unknown way, to the perpetual circulation fight and spirit? Who knows what comets are? Are they

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planets not fully formed ? or planets destroyed by a conflagration? Or are they bodies of a wholly different nature, of which we can form no idea? Who can tell what is the sun? Its use we know; but who knows of what substance it is composed? Nay, we are not yet able to determine, whether it be fluid or solid Who knows what is the precise distance of the sun from the earth? Many astronomers are persuaded it is a hundred million of miles; others, that it is only eighty-six millions, though generally accounted ninety. But equally great men say, it is no more than fifty ; some of them, that it is but twelve: Last comes Dr. Rogers, and demonstrates that it is just two millions nine hundred thousand miles! So little do we know even of this glorious luminary, the eye and soul of the lower world And just as much of the planets that surround him; yes, of our own planet, the moon. Some indeed have discovered

Rivers and mountains on her spotty globe;

yea, have marked out all her seas and continents !--- but after a we know just nothing of the matter. We have nothing be mere uncertain conjecture concerning the nearest of all the heavenly bodies.

6. But let us come to the things that are still nearer home and inquire what knowledge we have of them. How much we know of that wonderful body, light? How is it communicated to us? Does it flow in a continued stream from the sun? 0 does the sun impel the particles next his orb, and so on and a su to the extremity of his system ? Again : Does light gravitz or not? Does it attract or repel other bodies? Is it subject the general laws which obtain in all other matter? Or is the body sui generis, altogether different from all other matter is Is it the same with electric fluid, or not? Who can expire at the phenomena of electricity? Who knows why some beis in conduct the electric fluid, and others arrest its course? We may is the phial capable of being charged to such a point, and farther ? A thousand more questions might be asked an in Fe head, which no man living can answer.

7. But surely we understand the air we breathe, and the stic encompasses us on every side. By that admirable proper ape of elasticity, it is the general spring of nature. But is elastic the essential to air, and inseparable from it? Nay, it has be will lately proved, by numberless experiments, that air my little

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hed, that is, divested of its elasticity, and generated or restored to it again. Therefore it is no otherwise elastic, than as it is connected with electric fire. And is not this electric or ethereal in, the only true essential elastic in nature? Who knows by that power, dew, rain, and other vapours rise and fall in the in? Can we account for the phenomenon of them upon the common principles? Or must we own, with a late ingenious withor, that those principles are utterly insufficient; and that they cannot be rationally accounted for, but upon the principle if electricity?

8 Let us now descend to the earth which we tread upon, ad which God has peculiarly given to the children of men. Is the children of men understand this? Suppose the terraqueus globe to be seven or eight thousand miles in diameter, how much of this do we know? Perhaps a mile or two of its surface : war the art of man has penetrated. But who can inform us, that lies beneath the region of stones, metals, minerals, and ther fossils? This is only a thin crust, which bears an exceeding mal proportion to the whole. Who can acquaint us with the mer parts of the globe? Whereof do these consist? Is there central fire, a grand reservoir, which not only supplies the uning mountains, but also ministers (though we know not in) to the ripening of gems and metals; yea, and perhaps to production of vegetables, and the well-being of animals too? his the great deep still contained in the bowels of the earth? tentral abyss of waters? Who hath seen? Who can tell? Who can give any solid satisfaction to a rational inquirer?

I how much of the very surface of the globe is still utterly whown to us! How very little do we know of the polar regions, either north or south, either in Europe or Asia! How the of those vast countries, the inland parts either of Africa or merica! Much less do we know what is contained in the read sea, the great abyss, which covers so large a part of the the Most of its chambers are inaccessible to man, so that reannot tell how they are furnished. How little do we know those things on the dry land which fall directly under our size! Consider even the most simple metals or stones: How merfectly are we acquainted with their nature and properties! the knows what it is that distinguishes metals from all other sils? It is answered, "Why, they are heavier." Very they but what is the cause of their being heavier? What is the specific difference between metals and stones? or between one metal and another? between gold and silver? between in and lead? It is all mystery to the sons of men.

10. Proceed we to the vegetable kingdom. Who can demonstrate that the sap, in any vegetable, performs a regular circulation through its vessels, or that it does not? Who can point out the specific difference between one kind of plant and another or the peculiar, internal conformation and disposition of the component parts? Yea, what man living thoroughly understands the nature and properties of any one plant under heaven?

11. With regard to animals: Are microscopic animals, so called, *real* animals or no? If they are, are they not essentially different from all other animals in the universe, as not requiring any food, not generating or being generated? Are they no animals at all, but merely inanimate particles of matter, in a state of fermentation? How totally ignorant are the most sagacious of men touching the whole affair of generation ! even the generation of men. In the book of the Creator, indeed, were all our members written, "which day by day were fashioned, when a yet there were none of them:" But by what rule were they fashioned? in what manner? By what means was the first motion communicated to the *punctum saliens*? When, and how, was the immortal spirit superadded to the senseless day. It is mystery all: And we can only say, "I am fearfully and wonderfully made."

12. With regard to insects, many are the discoveries which have been lately made. But how little is all that is discover yet, in comparison of what is undiscovered ! How many million of them, by their extreme minuteness, totally escape all an inquiries ! And, indeed, the minute parts of the largest animal elude our utmost diligence. Have we a more complete kur ledge of fishes than we have of insects? A great part, if m the greatest part, of the inhabitants of the waters are total concealed from us. It is probable, the species of sea-animi are full as numerous as the land-animals. But how few of the are known to us! And it is very little we know of those for With birds we are a little better acquainted : And, indeed in but a little. For of very many we know hardly anything me than their outward shape. We know a few of the obvio properties of others, chiefly those that frequent our houses. It we have not a thorough, adequate knowledge even of the

een llow little do we know of beasts ! We do not know whence the in firent tempers and qualities arise, not only in different species them, but in individuals of the same species; yea, and in those who spring from the same parents, the same ula and female animal. Are they mere machines ? Then ter are incapable either of pleasure or pain. Nay, they can oint we no senses; they neither see nor hear; they neither taste er? ier wismell. Much less can they know, or remember, or move, nds anyotherwise than they are impelled from without. But all this, adaily experiments show, is quite contrary to matter of fact.

s 13. Well; but if we know nothing else, do not we know unselves? our bodies and our souls? What is our soul? It aspirit, we know. But what is a spirit? Here we are at a ing mi fill stop. And where is the soul lodged ? in the pineal gland, the whole brain, in the heart, in the blood, in any single ate ut of the body, or (if any one can understand those terms) "In all, and all in every part?" How is the soul united to erw what is the secret, imperceptichain that couples them together? Can the wisest of men er prea satisfactory answer to any one of these plain questions? And as to our body itself, how little do we know! During d sight's sleep, a healthy man perspires one part in four less it ten he sweats, than when he does not. Who can account for What is flesh? that of the muscles in particular? Are fibres that compose it of a determinate size, so that they can dvided only so far? Or are they resolvable in infinitum? In does a muscle act? by being inflated, and consequently mened? But what is it inflated with? If with blood, how ad whence comes that blood? And whither does it go, the ment the muscle is relaxed? Are the nerves pervious or How do they act? by vibration or transmission of the and spirits? Who knows what the animal spirits are? Are relectric fire? What is sleep? Wherein does it consist? that is dreaming? How can we know dreams from waking inghts? I doubt no man knows. O how little do we know moncerning ourselves! What then can we expect to know incerning the whole creation of God?

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I. 1. But are we not better acquainted with his works of midence, than with his works of creation? It is one of the spinciples of religion, that his kingdom ruleth over all: So a we may say with confidence, "O Lord our Governor, how

excellent is thy name over all the earth!" It is a childed conceit, to suppose chance governs the world, or has any part in the government of it: No, not even in those things that, to a vulgar eye, appear to be perfectly casual. "The lot is cast into the lap; but the disposal thereof is from the Lord" Our blessed Master himself has put this matter beyond all possible doubt: "Not a sparrow," saith he, "falleth to the ground without the will of your Father which is in heaven: Yea," (to express the thing more strongly still,) "even the very hairs of your head are all numbered."

2. But although we are well apprized of this general truth, that all things are governed by the providence of God; (the very language of the heathen orator, *Deorum moderamine* cuncta geri;) yet how amazingly little do we know of the particulars contained under this general! How little do we understand of his providential dealings, either with regard to nations, or families, or individuals! There are heights and depths in all these which our understanding can in no vise fathom. We can comprehend but a small part of his wayi now; the rest we shall know hereafter.

3. Even with regard to entire nations, how little do we comprehend of God's providential dealings with them! What innumerable nations in the eastern world once flourished, we the terror of all around them, and are now swept away from the face of the earth; and their memorial is perished with them. Nor has the case been otherwise in the west. In Europe also we read of many large and powerful kingdoms, of which the names only are left: The people are vanished away, and are so though they had never been. But why it has pleased the almighty Governor of the world to sweep them away with the besom of destruction we cannot tell; those who succeeded them being, many times, little better than themselves.

4. But it is not only with regard to ancient nations, that he providential dispensations of God are utterly incomprehensibto us: The same difficulties occur now. We cannot account for his present dealings with the inhabitants of the earth. We know, "the Lord is loving unto every man, and his merge over all his works." But we know not how to reconcile the with the present dispensations of his providence. At this day is not almost every part of the earth full of darkness and rehabitations? In what a condition, in particular, is the largent

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populous empire of Indostan! How many hundred thousands of the poor, quiet people, have been destroyed, and their arcases left as the dung of the earth! In what a condition (though they have no English ruffians there) are the numberless islands in the Pacific Ocean! How little is their state above that of wolves and bears! And who careth either for their souls or their bodies ? But does not the Father of men eare for them ? O mystery of providence !

5. And who cares for thousands, myriads, if not millions, of the wretched Africans? Are not whole droves of these poor sheep (human, if not rational beings !) continually driven to market, and sold, like cattle, into the vilest bondage, without any hope of deliverance but by death? Who cares for those outcasts of men, the well-known Hottentots? It is true, a late writer has taken much pains to represent them as a respectable people : But from what motive it is not easy to say; since he himself glows (a specimen of their elegance of manners) that the raw ruts of sheep and other cattle are not only some of their choicest food, but also the ornaments of their arms and legs; and (a specimen of their religion) that the son is not counted a man, ill he has beat his mother almost to death ; and when his father gows old, he fastens him in a little hut, and leaves him there to surve! O Father of mercies! are these the works of thy own hands, the purchase of thy Son's blood ?

6. How little better is either the civil or religious state of the poor American Indians ! that is, the miserable remains of them : For in some provinces not one of them is left to breathe. In Hispaniola, when the Christians came thither first, there were three million of inhabitants. Scarce twelve thousand of them now survive. And in what condition are these, or the other Indians who are still scattered up and down in the vast continent of South or North America ? Religion they have none; no public worship of any kind ! God is not in all their thoughts. And most of them have no civil government at all; no laws, no magistrates; but every man does what is right in his own eyes . Therefore they are decreasing daily; and, very probably, in a entury or two there will not be one of them left.

7. However, the inhabitants of Europe are not in so deplorthe a condition. They are in a state of civilization; they have useful laws, and are governed by magistrates; they have religion; they are Christians. I am afraid, whether they are called Christians or not, many of them have not much religion. What say you to thousands of Laplanders, of Finlanders, of Samoiedes, and Greenlanders? indeed, of all who live in high northen latitudes? Are they as civilized as sheep or oxen? To compare them with horses, or any of our domestic animals, would be doing them too much honour. Add to these, myriads of human savages that are freezing among the snows of Siberia, and as many, if not more, who are wandering up and down in the deserts of Tartary. Add thousands upon thousands of Poles and Muscovites; and of Christians, so called, from Turkey in Europe. And did "God so love" these, " that he gave his Son, his only-begotten Son, to the end they might not perish, but have everlasting life?" Then why are they thus? O wonder above all wonders!

8. Is there not something equally mysterious in the divine dispensation with regard to Christianity itself? Who can explain why Christianity is not spread as far as sin? Why is not the medicine sent to every place where the disease is found? But, alas ! it is not: " The sound of it is" not now "gone forth into all lands." The poison is diffused over the whole globe: The antidote is not known in a sixth part of it. Nay, and how is it that the wisdom and goodness of God suffer the antider itself to be so grievously adulterated, not only in Roman Catholic countries, but almost in every part of the Christian world? So adulterated, by mixing it frequently with useless, frequently with poisonous, ingredients, that it retains none, or at least a very small part, of its original virtue. Yea, it is so thoroughly adulterated by many of those very persons whom he has sent to administer it, that it adds tenfold malignity to the disease which it was designed to cure ! In consequence of this, there is little more mercy or truth to be found among Christians than among Pagans. Nay, it has been affirmed, and I am afraid truly, the many called Christians are far worse than the Heathens the surround them; more profligate, more abandoned to all manne of wickedness; neither fearing God, nor regarding man! 0 who can comprehend this? Doth not He that is higher that the highest regard it?

9. Equally incomprehensible to us are many of the divine dispensations with regard to particular families. We cannot at all comprehend, why he raises some to wealth, honour, and power; and why, in the mean time, he depresses others with

poverty and various afflictions. Some wonderfully prosper in all they take in hand, and the world pours in upon them; while athers, with all their labour and toil, can scarce procure daily bread. And perhaps prosperity and applause continue with the former to their death; while the latter drink the cup of adversity to their life's end; although no reason appears to us, either for the prosperity of the one, or the adversity of the other.

10. As little can we account for the divine dispensations with regard to individuals. We know not why the lot of this man is cast in Europe, the lot of that man in the wilds of America; why one is born of rich or noble, the other of poor, parents; why the father and mother of one are strong and healthy, those of another weak and diseased, in consequence of which he drags a miserable being all the days of his life, exposed to want, and pain, and a thousand temptations, from which he finds no way to escape. How many are, from their very infancy, hedged in with such relations, that they seem to have no chance, (as some speak,) no possibility, of being useful w themselves or others? Why are they, antecedent to their own choice, entangled in such connexions? Why are hurtful people so cast in their way that they know not how to escape them? And why are useful persons hid out of their sight, or matched away from them at their utmost need? O God, how unsearchable are thy counsels ! Too deep to be fathomed by our reason; and thy ways of executing those counsels not to be traced by our wisdom !

III. 1. Are we able to search out his works of grace, any more than his works of providence? Nothing is more sure than that "without holiness no man shall see the Lord." Why is it, then, that so vast a majority of mankind are, so far as we can judge, cut off from all means, all possibility of holiness, even from their mother's womb? For instance: What possibility is there that a Hottentot, a New-Zealander, or an inhabitant of Nova-Zembla, if he lives and dies there, should ever know what holiness means; or, consequently, ever attain it? Yea, but me may say, "He sinned before he was born, in a pre-existent state; therefore, he was placed here in so unfavourable a sitution; and it is mere mercy that he should have a second trial." I answer: Supposing such a pre-existent state, this, which you call a second trial, is really no trial at all. As soon as he is born into the world, he is absolutely in the power of his savage

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parents and relations, who, from the first dawn of reason, train him up in the same ignorance, Atheism, and barbarity with themselves. He has no chance, so to speak, he has no possbility, of any better education. What trial has he then? From the time he comes into the world, till he goes out of it again, he seems to be under a dire necessity of living in all ungodliness and unrighteousness. But how is this? How can this be the case with so many millions of the souls that God has made? Art thou not "the God of all the ends of the earth, and of them that remain in the broad sea?"

2. I desire it may be observed, that if this be improved into an objection against revelation, it is an objection that lies full as much against natural as revealed religion. If it were conclusive, it would not drive us into Deism, but into flat Atheism. It would conclude, not only against the Christian revelation, but against the being of a God. And yet I see not how we can avoid the force of it, but by resolving all into the unsearchable wisdom of God; together with a deep conviction of our own ignorance, and inability to fathom his counsels.

4. It is doubtless the peculiar prerogative of God, to reserve the "times and seasons in his own power." And we cannot give any reason, why, of two persons equally athirst for salvation, one is presently taken into the favour of God, and the other let to mourn for months or years. One, as soon as he calls upon God, is answered, and filled with peace and joy in believing: another seeks after him, and, it seems, with the same degree of sincerity and earnestness, and yet cannot find him, or any consciousness of his favour, for weeks, or months, or years We know well, this cannot possibly be owing to any absolate

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there, consigning one, before he was born, to everlasting pory, and the other to everlasting fire; but we do not know that is the reason for it: It is enough that God knoweth.

5. There is, likewise, great variety in the manner and time f God's bestowing his sanctifying grace, whereby he enables is children to give him their whole heart, which we can in no re account for. We know not why he bestows this on some, men before they ask for it; (some unquestionable instances (which we have seen ;) on some, after they had sought it but few days: And yet permits other believers to wait for it. whaps twenty, thirty, or forty years; nay, and others, till a whours, or even minutes, before their spirits return to him. for the various circumstances also which attend the fulfilling that great promise, "I will circumcise thy heart, to love the Lord thy God with all thy heart and with all thy soul," God moubtedly has reasons; but those reasons are generally hid in the children of men. Once more : Some of those who are mabled to love God with all their heart and with all their soul stain the same blessing, without any interruption, till they are arried to Abraham's bosom ; others do not retain it, although hevare not conscious of having grieved the Holy Spirit of God. This also we do not understand : We do not herein "know the mind of the Spirit."

IV. Several valuable lessons we may learn from a deep conciousness of this our own ignorance. First, we may learn hence alesson of humility; not "to think of ourselves," particularly with regard to our understanding, "more highly than we ought whink;" but "to think soberly;" being thoroughly convinced, hat we are not sufficient of ourselves to think one good thought; that we should be liable to stumble at every step, to err every moment of our lives, were it not that we have "an anointing from the Holy One," which abideth "with us;" were it not that the who knoweth what is in man, helpeth our infirmities; that "there is a spirit in man" which giveth wisdom, "and the inspiration" of the Holy One which "giveth understanding."

From hence we may learn, Secondly, a lesson of faith; of confidence in God. A full conviction of our own ignorance may teach us a full trust in his wisdom. It may teach us (what is not always so easy as one would conceive it to be) to must the invisible God, farther than we can see him. It may assist us in learning that difficult lesson, to "cast down" our own "imaginations;" (or *reasonings* rather, as the word properly signifies;) to "cast down every high thing, that exaltent itself against the knowledge of God, and bring into captivity every thought to the obedience of Christ." There are at present two grand obstructions to our forming a right judgment of the dealings of God with respect to men. The one is, there are innumerable *facts* relating to every man, which we do not and cannot know. They are, at present, hid from us, and covered from our search by impenetrable darkness. The other is, we cannot see *the thoughts* of men, even when we know their actions. Still we know not their *intentions*; and without this we can but ill judge of their outward actions. Conscious of this, "judge nothing before the time," concerning his providential dispensations; till he shall bring to light "the hidden things of darkness," and manifest "the thoughts and intents of the heat."

From a consciousness of our ignorance we may learn, Thirdly, a lesson of resignation. We may be instructed to say, at all times, and in all instances, "Father, not as I will, but as thou wilt." This was the last lesson which our blessed Lord, as man, learned while he was upon earth. He could go no higher than, "Not as I will, but as thou wilt," till he bowed his head and gave up the ghost. Let us also herein be made conformable to his death, that we may know the full "power of his resurection !"

SERMON LXX.

THE CASE OF REASON IMPARTIALLY CON-SIDERED.

"Brethren, be not children in understanding: Howbeit in malice be ye children, but in understanding be men." 1 Corinthians xiv. 20.

1. It is the true remark of an eminent man, who had made many observations on human nature, "If reason be against a man, a man will always be against reason." This has been confirmed by the experience of all ages. Very many have been