there is a series of facts each explicable by the one following it, until a fact is reached bodily states in or during which conscious-Note A, § 5, II vi. et seq.).

(2) Applied also to the limiting state of ditions' (Princ. of Psychol., i. 199). an endless series of states which approach indefinitely near to the limiting state, and on the whole nearer and nearer, without necessarily (i.e. presumably cortical) processes which, does not imply a denial of actual attainment. scious correlates.

Thus, it has been held that a real object is This use is not well defined; the following that which will be represented in the ultimate instances will, however, illustrate it fairly opinion about it. This implies that a series well. (a) A lecturer goes on the platform of opinions succeed one another, and that it is with a severe neuralgia. He 'forgets' the hoped that they may ultimately tend more pain in the excitement of his topic; but the and more towards some limiting opinion, even neuralgia 'returns' at the conclusion of his

beyond the mountain]: Ger. Ultramonta- This 'co-operation of unnoticed components nismus; Fr. ultramontanisme; Ital. ultramon- in the total effect of a connection of conscious tanismo. In the Roman Catholic Church, processes' is characteristic of fusion and of the principles and tendencies of those who attention (O. Külpe, Outlines of Psychol., temporal power intact.

ISM (q. v.) and constitutes a centralizing before. Bring the fork to the ear again: tendency in the Church. The dogma of the a faint tone may be heard. infallibility of the pope was regarded as a triumph of the Ultramontane influence. In tian psychology. 'Unconscious mental excitarecent years Ultramontanism and Gallicantions (seelische Erregungen), of whose nature ism have lost a large measure of their we are ignorant, are interposed between our party significance and have come to stand conscious ideas; every conscious idea arises for opposing tendencies within the Catholic out of, and dies away into, such an uncon-

Fr. incredulité; Ital. miscredenza. That 3. int. Cong. f. Psychol., 1897, 146 ff.). attitude of mind towards religion which is

of the claims of religion, and in the minds of ence (Physiol. Optik, 2nd ed., 602, 962). most religious persons is associated with a For a general discussion of the 'unconscious' degree of moral obliquity. In the popular in psychology see Baldwin, Senses and Intelmind it is identified with infidelity. Cf. Belief lect, 1890, 45-58, 68; Höfler, Psychologie, (especially in theology and religion). (A.T.O.) § 43, 270 ff.

Unconditional: see ABSOLUTE, and Con-

Unconscious: Ger. unbewusst; Fr. inconpossessed of mind or consciousness.

The word is thus used, in psychology, of utterly inexplicable. (Cf. Hamilton's Reid, ness lapses. So James speaks of 'sleep, coma, fainting, epilepsy, and other unconscious con-

(2) The word is sometimes used, in experimental psychology, to cover psychophysical ever reaching it; although the word ultimate for various reasons, lack their normal con-

if they do not reach and rest in a last opinion. address (W. B. Carpenter, Princ. of Mental Cf. Truth and Error, Logical. (C.S.P.) Physiol., 1888, 6th ed., 138 f.). (b) 'All the Ultra- [Lat. ultra, beyond]. Extreme; separately imperceptible overtones of a clang used in compounds, as ultra-sensational, ultra-contribute something . . . to the perception of (J.M.B.) the whole; and the sum of these contribu-Ultramontanism [Lat. ultramontanus, tions constitutes what we call clang-tint. aim to increase and consolidate the power of Eng. trans., 1895, 290 f.). (c) Fechner's exthe pope, and especially to maintain his periment. Hold a tuning-fork to the ear, until the tonal sensation has entirely ceased. · Ultramontanism is opposed to GALLICAN- Remove the fork: the silence is deeper than

(3) Specifically, a postulate of the Herbar-(A.T.O.) scious excitation' (T. Lipps, Grundthatsachen Unbelief (religious): Ger. Unglaube; des Seelenlebens, 1883, 125 ff.; cf. Ber. ü. d.

Historically important are (a) the doctrine not simply negative but involves positive disbelief of some of the doctrines or practices of penter of S. Mill; see Carpenter's Mental Physiol., 515 ff.), and (b) the more specific Unbelief presupposes the positive rejection Helmholtzian doctrine of unconscious infer-

Unconscious (the, philosophy of): Ger. Philosophie des Unbewussten; Fr. philosophie de l'inconscient; Ital. filosofia dell' Inconscio. scient; Ital. inconscio, incosciente. (1) In The metaphysical system of E. v. Hartmann, general, not conscious, non-mental; not by whom the absolute principle is called the Unconscious.

of 'reason' in English: meaning often (multicellular) METAZOA (q. v.). Cf. AMOEBA in French is so filled with the concept of cellular organisms under various experimental logical process that it is hardly fit at all to conditions, for which see the literature. translate the German Vernunft.) But the Literature: DAVENPORT, Compar. Morphol.; significance of the modern distinction is due working according to the schematized cate- Protozoa (1901). gories, and so having validity in relation to experience; reason is thought working within other languages. A phrase used by Herbert

immediate inference, but not equivalent to it; the proposition q, if p implies q, but q does Stetigkeit der Naturentwickelung; Fr. naturanot imply p.

Undertaker: see Entrepreneur.

Undulation: see VIBRATION.

See Fit, and Fitness (various topics).

Ital. organismi unicellulari. Living creatures physics). of a single cell.

is synonymous with noesis, and ratio with PROTOZOA, q. v.), unicellular (Protophytic) reflective knowledge. (Hence the ambiguity plants, and the undeveloped ovules of the reasoning, or reflective thought, and less for certain details. Interesting work has been often intuitive and certain knowledge; raison done in investigating the behaviour of uni-

to Kant. The understanding is thought Amer. J. of Physiol., 1899 ff.; Calkins. The (J.M.B., E.B.P.)

out reference to the application of concepts Spencer to define philosophy. He distinto the material of sense, hence soaring into guishes three stages of knowledge. The first the supersensuous, and so, while giving us is ordinary unscientific knowledge, in which certain ideals of a regulative value, sharing no each fact stands detached and unconnected. positive (or constitutive) worth. Coleridge It is ununified. Science generalizes related made much of the distinction in English, but truths of various departments, but does not without any regard to Kant's careful and attempt to bring these generalizations into critical limitations. Hegel developed the a single whole. It is partially unified knowideas so that reason should express a know-ledge. 'The truth of philosophy bears the ledge which is immediate in certainty and same relation to the highest scientific truths grasp, but the result of the development of that each of these bears to lower scientific the understanding to its full implications truths.... It is completely unified knowledge. (Lesser Logic, chap. vi). See Speculation. He That is, it takes the generalizations of, say, seems to follow Nicholas of Cusa, who defines physics, psychology, and sociology, and reduces understanding as distinguishing and name- them to special cases of a still more general giving, separating opposites according to the law. In Spencer's theory this highest generaprinciple of contradiction, and reason as that lization, through which knowledge is comwhich recognizes the compatibility of oppo- pletely unified, is that of evolution and (J.D.) dissolution considered as the formula of the Under-statement: Ger, Unteraussage; redistribution of matter and motion, and Fr. jugement subordonné, proposition subalterne; derived from the persistence of force (First Ital. subalterna (or subordinata) proposizione. Princ., Pt. II. chap. i; see also Guthrie, On A proposition derived from another as an Spencer's Unification of Knowledge). (J.D.)

lisme unitaire (not exact—Tn.F.); Ital. (dot-Thus No a is both b and c is an under- trina di) uniformità di Natura (E.M.). The statement to No a is b; it states only half as theory that the world as a whole, including the much, for No a is b affirms that No a is bc mental and moral, is (1) the outcome of a and also that No a is $b\bar{c}$. From Whoever single system of forces, or (2) the realization breaks, pays, we can infer Some who break (if of a single principle or law operative without there are any who break) pay, but not con- breaks and without interference from without. (C.L.F.) Cf. UNIFORMITY (2), (3), (4), and CONTINUITY.

This view is often hit off by the motto Natura non facit saltum. The term has come Unfitness: Ger. Unangemessenheit; Fr. into wider use since the rise of the doctrine disconvenance (most general and most philo- of evolution, on the one hand, and the philosophical term in use—Th.F.); Ital. incapacità. sophy of Hegel, on the other hand. It is a point of view common to naturalism, idealism, Unicellular Organisms: Ger. einzellige and monism; but it is opposed to occasional-Organismen; Fr. organismes unicellulaires; ism, supernaturalism, and dualism (in meta-(J.M.B., G.F.S.)

Uniformity [Lat. unus, one, + forma, They comprise the unicellular animals (the shape]: Ger. Ein- (or Gleich-) förmigkeit;

Fr. uniformité; Ital. uniformità. (1) A fact embrace without reserve the entire creed of a certain species; so that, though of itself position upon other political questions. the knowledge of this uniformity gives no information concerning a certain thing or singular and prominent rôle in the logic of conclusion of a certain kind.

uniformity are as follows:-

uniformity as a support of induction.

quiries.

of gold are so inseparable that a chemist natural phenomena corresponds, a 'uniformity.' need only to succeed in getting, say, the The implication of the word, thus used, is body under examination will show every disconnected, and that it is the mind alone

one of a set of characters within a certain not difficult to see that this theory of uniformigroup of such sets, it possesses the rest. ties, far from helping to establish the validity Thus, it may be known of a certain man that of induction, would be, if consistently admitted,

consisting in this: that, of a certain genus of that party. We shall not, then, need to know facts, a proportion approaching unity (the many of his opinions, say in regard to politics, whole) belong, in the course of experience, to in order to infer with great confidence his

character, yet it will strengthen any inductive J. S. Mill that it is proper to note it. He was apt to be greatly influenced by Ockham's It is, therefore, a high objective probability razor in forming theories which he defended concerning an objective probability. There with great logical acumen; but he differed are, in particular, four classes of uniformities, from other men of that way of thinking in the knowledge of any of which, or of its falsity, that his natural candour led to his making may deductively strengthen or weaken an many admissions without perceiving how fatal inductive conclusion. These four kinds of they were to his negative theories. In addition to that, perhaps more than other philoi. The members of a class may present an sophers, in endeavouring to embrace several extraordinary resemblance to one another in ideas under a common term, he often leaves regard to a certain line of characters. Thus, us at a loss to find any other character comthe Icelanders are said to resemble one another mon and peculiar to those notions except that most strikingly in their opinions about general of their having received from him that common subjects. Knowing this, we should not need designation. In one passage of his System of to question many Icelanders, if we found that | Logic (1842), he declares, in reference to the the first few whom we met all shared a difference in strength between two inductive common superstition, in order to conclude conclusions, that whoever shall discover the with considerable confidence that nearly all cause of that difference will have discovered Icelanders were of the same way of thinking. the secret of inductive reasoning. When, Philodemus insists strongly upon this kind of therefore, he shortly afterwards points out that the distinction between those two inducii. A character may be such that, in what- tions is that one of them is supported by ever genus it occurs at all, it almost always a uniformity of the second of the above four belongs to all the species of that genus; or classes, while the other is met by a distinct this uniformity may be lacking. Thus, when diversity of the same kind, and when he himonly white swans were known, it would have self gives to that uniformity this designation been hazardous to assert that all swans were when he afterwards declares that the validity white, because whiteness is not usually a of induction depends upon uniformity, his generic character. It is considerably more reader naturally supposes he means uniformity safe to assert that all crows are black, because in that sense. But we find that he employs blackness is oftener a generic character. This the word for quite another purpose. Namely, kind of uniformity is especially emphasized he does not like the word law, as applied by J. S. Mill as important in inductive in- to an inductive generalization of natural facts -such as the 'law' of gravitation-because iii. A certain set of characters may be it implies an element in nature, the reality of intimately connected so as to be usually all a general, which no nominalist can admit. present or all absent from certain kinds of He, therefore, desires to call the reality to objects. Thus, the different chemical reactions which a true universal proposition about purple of Cassius, to be confident that the that the facts are, in themselves, entirely which unites them. One stone dropping to iv. Of a certain object it may be known the earth has no real connection with another that its characteristic is that when it possesses stone dropping to the earth. It is, surely, to whatever party he belongs, he is apt to an insuperable objection to such validity.

the next throw will be double-sixes.

which could not be ascribed to chance without those which would result when the ordinal of the limited experience to which it belongs take any genus of circumstances, the law and the whole course of experience. Hence, turns out false. Suppose, then, that we to say that of the real, objective facts some modify it by saying that, taking any genus general character can be predicated, is to of phenomena and separating this into two assert the reality of a general. It only differs species, there will be found in the disfrom scholastic realism in that Mill and his coverable circumstances some general resemfollowers treat this aspect of the matter blance for all those attending phenomena of lightly—that is to say, the objective reality the same species in contrast to those attending of the general—while the Scholastics regarded phenomena of the other species. This is a it as a great and vital feature of the universe. proposition which there is not the slightest Instead of 'uniformity' now importing that reason to believe. Take, for example, as the what others call 'laws' are fabrications of the genus of phenomena, the many thousands of human mind, this 'uniformity of nature' is Latin descriptions of American species of absolutely objective and real.

For if two facts, A and B, are entirely of nature, with its synonymous expressions independent in their real nature, then the that the future resembles the past, and so truth of B cannot follow, either necessarily or forth, can mean. Mill says that it means probably, from the truth of A. If I have that if all the circumstances attending two tried the experiment with a million stones phenomena are the same, they will be alike. and have found that every one of them fell But taken strictly this means absolutely when allowed to drop, it may be very natural nothing, since no two phenomena ever can for me to believe that almost any stone will happen in circumstances precisely alike, nor act in the same way. But if it can be proved are two phenomena precisely alike. It is, that there is no real connection between the therefore, necessary to modify the statement behaviour of different stones, then there is in order to give it any meaning at all; and nothing for it but to say that it was a chance it will be found that, however it may be so coincidence that those million stones all be- modified, the moment it begins to carry a haved in the same way; for if there was any definite meaning, one of three things results: reason for it, and they really dropped, there it becomes either, first, grossly false, or, was a real reason, that is, a real general. second, an assertion which there is really no Now, if it is mere chance that they all good reason to believe even approximately dropped, that affords no more reason for true, or thirdly, it becomes a quasi-subjective supposing that the next will drop, than my truth, not lending any colour of validity to throwing three double-sixes successively with induction proper. If, for example, we were a pair of dice is a reason for thinking that to say that under any given species of circumstances presenting any similarity, phenomena (3) But now we find that Mill's good sense of any given genus would be found to have and candour will not allow him to take the a specific general resemblance in contrast course which a Hobbes would have taken, with the specific character of phenomena of the and utterly deny the validity of induction; same genus occurring under a different species and this leads to a new use of the word of circumstances of the same genus, this would uniformity, in which he speaks of the 'uni- be monstrously false, whether intended as an formity of nature.' Before asking exactly absolutely universal proposition or merely as what this phrase means, it may be noted that, one approximately true. Let, for example, whatever it means, the assertion of it is an the genus of phenomena be the values of the assent to scholastic realism, except for a dif- throws of a pair of dice in a given series of ference of emphasis. For to say that through- successive throws indefinitely continued. Let out the whole course of experience, events the first species of circumstances be that the always, or even only usually, happen alike ordinal number of a throw in the series is under the same conditions (what is usually prime. It is pretty certain that there would called the 'invariability' of nature), is to be no general character in the corresponding assert an agreement (complete or partial) values of throws to distinguish them from self-contradiction. For chance is merely the number is divisible by 2, or by 3, or by any possible discrepancy between the character other prime. It thus appears that when we erected by Mill-into the greatest of laws and plants by Asa Gray and his scholars. Now consider the species of this genus of pheno-Let us now inquire what the 'uniformity mena which agree in this respect, that the

two first words of the description have their operation of induction, which merely tests the and certain. Suppose, then, that we attempt this will not be impossible, if the whole class tween phenomena, some considerable proportinat circumstance. tion are accompanied by corresponding resem- What is usually meant by the uniformity cient truth in it, perhaps, to warrant the uniformities, or laws, of nature destroyed, presumptive adoption of hypotheses, provided others would necessarily thereby result. this adoption merely means that they are In fact, the great characteristic of nature taken as sufficiently reasonable to justify some is its diversity. For every uniformity known, expense in experimentation to test their truth there would be no difficulty in pointing out by induction; but it gives no warrant at all thousands of non-uniformities; but the diverto induction itself. For, in the first place, sities are usually of small use to us, and induction needs no such dubious support, attract the attention of poets mainly, while since it is mathematically certain that the the uniformities are the very staff of life. general character of a limited experience will, Hence, the higher and wider are our desires, as that experience is prolonged, approximate the greater will be the general impression of to the character of what will be true in the uniformity produced upon us by the contemlong run, if anything is true in the long run. plation of nature as it interests us. Now all that induction infers is what would (4) There are senses in which nature may be found true in the usual course of experi- not irrationally be held to be uniform; but ence, if it were indefinitely prolonged. Since opinions differ very widely as to the extent the method of induction must generally ap- and nature of this uniformity. The chief of proximate to that truth, that is a sufficient these are as follows:justification for the use that method, although no definite processing the method, although no definite processing taches to the inductive conclusions. It is place, the law, as now formula the law, as now formula the law, as now formula the proper; for induction proper consists in judging of the relative framework of a character among the relative framework of the relat the relative frequency of a character among tion and repulsion; and there is no other all the individuals of a class by the relative kind of law, except that each atom or corfrequency of that character among the indi- puscle is a centre of energy arranged in equividuals of a random sample of that class. potential surfaces about it, which follow a Now the law, as thus formulated, may tend to regular law; and that this is a permanency.

first vowels the same. There is no reason to hypothesis, begins. This inductive operation suppose that there was any general respect in is just as valid when the hypothesis is bad as which the circumstances of that species of when it is good, when the character dealt the genus of phenomena agree with one another with is trivial as when it is interesting. The and differ from others, either universally or ratio which induction ascertains may be nearer usually. It is a mere chance result. It is $\frac{1}{2}$, and more remote from 1 or 0, when the true that some persons will not be inclined characters are uninteresting; and in that case to assent to this judgment; but they cannot a larger number, of instances will usually be prove it otherwise. It can afford no adequate requisite for obtaining the ratio with any basis for induction. We see, then, that when given degree of precision (for if the ratio is we consider all phenomena, there is no way really I or o, it will be almost a miracle if in of making the statement sufficiently definite the sample it is far from that ratio, although still another modification of the law, that, of is infinite), but the essential validity of the interesting resemblances and differences be- process of induction remains unaffected by

blances and differences between those of the of nature probably is that in proportion as circumstances which appear to us to be the circumstances are alike or unlike, so are pertinent. The proposition is now rather any phenomena connected with them alike psychological than metaphysical. It would or unlike. It may be asked to what degree he impossible, with any evidentiary basis, to nature is uniform in that sense. The only strengthen the expression 'some considerable tenable answer is that it is as little uniform proportion'; and in other respects the state- as it possibly could be imagined to be; for ment is vague enough. Still, there is suffi- were any considerable proportion of existing

make our hypothesis approximately true; but But the equations of motion are differential that advantage has been gained before the equations of the second order, involving,

therefore, two arbitrary constants for each see what other physical explanation is comuniformity connected with these constants. seems to be substantially the notion of most At least, no such uniformity is, with the of those who have supported free-will. least probability, discoverable. As for the On the other hand, many philosophers is probably discoverable. What is absolutely notice as being actually defended. beyond discovery, whether direct and specific (d) Some suppose that while law is absolute, be non-existent.

uniformity.

coincidence.

the constants of position and velocity are sub- tion can ever warrant. We know very well corpuscle has, remain constant throughout all induction, namely, the supposition of any time, and ought not to be considered as having real 'singularity' or breach of continuity in been fixed at any particular epoch. The very nature is in as distinct conflict with all our idea is that the arrangement is determined knowledge as is a miracle. by what would be the result of different (e) Sundry far less tenable hypotheses of arrangements at each period of time. If, for lacunae between inviolable laws have often example, a given prayer effects rain, it must been proposed. One opinion frequently met be supposed that in view of that prayer, and with is that the law of energy does not preas its consequence, the different atoms had scribe the direction of velocity, but only its the appropriate constants; but that these amount; so that the mind may cause atoms were not given to the atoms at any particular to 'swerve,' in regular Lucretian fashion. epoch, being permanent values. Any inten- This singular notion has even been embraced tional action on the part of a free agent is to by mathematicians, who are thinking of a be explained in the same way. If an agent projectile shot into a curved tube, or other

moving atom or corpuscle, and there is no patible with the exactitude of law. This

distribution of potential about an atom or suppose a less degree of uniformity in nature corpuscle, it is regular; but there is no ulterior than is supposed in opinion (a). Of these reason for that regularity, or, at least, none the following have come to the present writer's

or indirect and general, may be considered to yet there are constantly arising cases analogous to unstable equilibrium in which, owing From this usual and in some sense standard to a passage of a velocity through infinity or opinion there are many divergences in both otherwise, the law does not determine what directions. First, in the direction of greater the motion shall be. Thus if one Boscovichian point attracts another inversely as the square (b) Some hold that there is some exact of the distance, and they move in one straight uniformity in the arbitrary constants of the line, then when they come together they may motion of the atoms, so that, for example, move through one another, or move backwards perhaps at some initial instant they all had on the same line, or may separate along any some symmetrical or regular arrangement, other line, without violating the differential like a pack of cards unshuffled; and that the equation. Such 'singularities,' as the mathevelocities at that instant were regular also. maticians say, are theoretically possible; and But this regularity being of a purely aesthetic may be supposed to occur very often. But to or formal kind, and the laws of motion equally suppose that free action becomes possible in formal and unrelated to any purpose, it such a way is very illogical. In the first follows that all kinds of arrangements will be place, it supposes a direct interaction between produced, ungoverned by any uniformity, but 'mind' and matter; infinitesimal, no doubt. mere effects of chance. Three stars may, for but none the less real. Why not better example, at some instant form an equilateral suppose a slight but finite action of this triangle; but there would be no particular kind, and so avoid the following objections? reason for this: it would be merely a casual Namely, in the second place, this is to put faith, not scientific credence, in the inductive (c) Others go further and maintain that laws of matter infinitely beyond what inducject to a law not merely formal, but are that mind, in some sense, acts on matter, and governed by final causes in such a way that matter on mind: the question is how. It is there is no arrangement or coincidence what- not in speculations of this fanciful kind that ever which was not specially intended by the the true answer is likely to be found. In the Creator. To this theory, such words as pro- third place, although this speculation wanders vidence and fore-knowledge are ill adapted; so far beyond all present knowledge, it neverbecause the two constants which each atom or theless comes into conflict with a legitimate

is to be supposed really free, it is difficult to case of an equation of condition. Of course,

if mind can construct absolute constraints, while mind is to be regarded as a chemical

ally objectionable is the notion of St. Augustine effect is to cause the laws of mind to be and others (it is near to the opinion of themselves of so fluid a character as to simu-Aristotle) that the only fundamental kind late divergences from law. All this, accordof causation is the action of final causes, ing to the writer, constitutes a hypothesis and that efficient causation is, in all cases, capable of being tested by experiment. secondary. Accordingly, when a miracle occurs there is no violation of the real cursus (q. v., especially inductive) see Renouvier naturae, but only of the apparent course of and Prat, La nouvelle Monadologie (1899). things.

(g) The hypothesis suggested by the present | Uniformity (notion of). The objective ends, and thus in one aspect of the matter it connections, and to imply that their existence would be perfectly true to say that final may be detected or reasonably inferred hand, the law of habit is a simple formal law, Empirical Logic, 93). a law of efficient causation; so that either All contrivance of means towards ends, way of regarding the matter is equally true, and indeed all adjustment of action in accordalthough the former is more fully intelligent. ance with previous experience, presupposes as Meantime, if law is a result of evolution, the condition of effectiveness more or less which is a process lasting through all time, uniformity of coexistence and sequence in it follows that no law is absolute. That is, natural phenomena. Practical needs lead us we must suppose that the phenomena them- to seek for uniformities, and the world is so selves involve departures from law analogous constituted that we find them. With the to errors of observation. But the writer has development of experience these uniformities not supposed that this phenomenon had any assume the form of a system, and a theoretical connection with free-will. In so far as evolu- interest arises in the extension of this system. tion follows a law, the law of habit, instead Finally, the conception of natural process as of being a movement from homogeneity to determined, everywhere and in every minutest heterogeneity, is growth from difformity to detail, by fixed laws comes into being. uniformity. But the chance divergences from law are perpetually acting to increase the variety of the world, and are checked by (3, 4). a sort of natural selection and otherwise (for a sort of natural selection and otherwise (for the writer does not think the selective prin- Ger. Einklang; Fr. unisson; Ital. unisono. ciple sufficient), so that the general result The most perfect chord, in which both tones may be described as 'organized heterogeneity,' have the same pitch. See Helmholtz, Sensaor better rationalized variety. In view of tions of Tone (Eng. trans.), 187. the principle of continuity, the supreme guide Unit (of physical measurement) [Lat. in framing philosophical hypotheses, we must, | unitas]: Ger. Einheit; Fr. unite; Ital. unita. under this theory, regard matter as mind A portion of any magnitude or quantity whose habits have become fixed so as to lose employed to express the value of any other

it can much easier exert force that is finite. genus of extreme complexity and instability. Other writers suppose lacunac, without tell- It has acquired in a remarkable degree a ing us of what particular description they habit of taking and laying aside habits. The are; they seem to think daw is absolute as fundamental divergences from law must here far as it goes, but that its jurisdiction is be most extraordinarily high, although probably very far indeed from attaining any (f) Much more philosophical and less logic- directly observable magnitude. But their

Literature: besides most treatises on Logic

writer is that all laws are results of evolution; regularity and orderliness presupposed in that underlying all other laws is the only the possibility of representing the real world tendency which can grow by its own virtue, by an ideal construction. Whenever any the tendency of all things to take habits, two or more attributes are repeatedly to be Now since this same tendency is the one sole connected together, closely or remotely in fundamental law of mind, it follows that the time or in space, there we have a uniformity. physical evolution works towards ends in the And the general expression, the uniformity of same way that mental action works towards nature, is intended to cover all such partial causation is alone primary. Yet, on the other throughout all phenomena whatever ' (Venn,

(G.F.S., J.M.B., C.L.F.) Uniformity of Nature: see Uniformity

the powers of forming them and losing them, portion P of the same magnitude or quantity