nominalists, this rather favours the satis- conduct the individual is independent or free, existence is unintelligible in the sense in also Individualism. which the definition is so. That is to say, vidual is a reaction against the will. But psychological variations among individuals. everything whose identity consists in a continuity of reactions will be a single logical done are: (1) the psychology of Temperaally the same thing; and whatever fulfils ences. Cf. Variational Psychology. the present definition equally fulfils the Literature: Bibliog. G, I, e; lists, sub expressed by 'not.' As for the principle of Akad. Wiss. Berlin (1896), 295. (J.M.B., G.F.S.) indiscernibles, if two individual things are Individual Selection: Ger. Personaltion, therefore, seems to be the preferable logous method. one. Cf. Particular (in logic). (C.S.P.)

others: a centre of social influences.

important both in psychology and in sociology. it for that. See Selection. (J.M.B., C.L.M.) The individual has been conceived as indepen- Individualism: Ger. Individualismus; dent of and antecedent to society, as correlative | Fr. individualisme; Ital. individualismo. (1) by society. All of these conceptions are pre- interest. sented in Aristotle's Politics, where the dis- (2) The doctrine that the pursuit of self-

factoriness of the definition than otherwise. while in moral perfection he is created by the It may be objected that it is unintelligible; state. The political philosophy of Hobbes' but in the sense in which this is true, it is De Corpore Politico assumes the antecedent a merit, since an individual is unintelligible completeness and sufficiency of the individual. in that sense. It is a brute fact that the Modern psychology and sociology demonstrate moon exists, and all explanations suppose the interdependence of individual and society the existence of that same matter. That (cf. Baldwin, Social and Eth. Interpret.). See

Individual Psychology: Ger. Individuala reaction may be experienced, but it cannot psychologie; Fr. psychologie individuelle; Ital. be conceived in its character of a reaction; psicologia individuale. That department of for that element evaporates from every general psychology which investigates the psychoidea. According to this definition, that which logical individual considered as different from alone immediately presents itself as an indi- others, i.e. having for its subject-matter

individual. Thus any portion of space, so MENT (q. v.); (2) of mental Type (q. v.); (3) far as it can be regarded as reacting, is for of mental differences of the sexes (see Sexual, logic a single individual; its spatial exten- Characters); (4) of Genius (q.v.); (5) of sion is no objection. With this definition mental Defect (q.v., also special types of there is no difficulty about the truth that defect); (6) of the CRIMINAL (q.v., also whatever exists is individual, since existence Criminology); (7) of classes, professions, &c., (not reality) and individuality are essenti- considered as based upon individual differ-

former definition by virtue of the principles verbo, in the Psychological Index, 1 ff.; BINET of contradiction and excluded middle, re- and HENRI, Année Psychol., ii. (1896) 411 garded as mere definitions of the relation (a résumé and exposition); DILTHEY, Sitzber.

exactly alike in all other respects, they must, selection (Weismann); Fr. sélection entre in-according to this definition, differ in their dividus (Y.D.), sélection individuelle (better spatial relations, since space is nothing but than personnelle-J. A. Thomson); Ital. selethe intuitional presentation of the conditions zione individuale. The survival of the inof reaction, or of some of them. But there dividual organism or animal under the operawill be no logical hindrance to two things tion of NATURAL SELECTION (q.v.), as disbeing exactly alike in all other respects; and tinguished from the survival of parts, cells, if they are never so, that is a physical law, not germinal elements, &c. (cf. Intraselection), a necessity of logic. This second defini- which are supposed to be selected by an ana-

This rendering of Weismann's Personal-Individual (social). (1) A single human selektion for the original Darwinian view of being. (2) Hence, by development of the ideas the survival of the individual—for which, of separateness and completeness, a human moreover, it was earlier used—is better than being in a marked degree differentiated from the literal translation 'personal selection.' Personal selection suggests 'conscious selec-The history of the concept individual is tion' by a person, and it is better to reserve

with society, and as dependent on and created Exclusive or excessive regard for self-

tinctions are made that in genesis individual interest and the exercise of individual initiaand society are inseparable, that in will and tive should be little or not at all restrained

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Decrees, &c. (1874), also Vaticanism (London, acquire more—have less fixity and more 1875); Döllinger, Über die Unfehlbarkeits- Educability (q. v.). adresse (1870); Reinkens, Über päpstliche Unfehlbarkeit (1870): GUERANGER, De la Monarchie Pontificale (1870).

Kindheit; Fr. (1) enfance; Ital. (1) infanzia. the psychological point of view). (J.M. B.-C.LL.M.) The period of immaturity during which the Infant (in law): Ger. Unmundiger; Fr. individual is dependent on parental care; mineur; Ital. minore, minorenne. One not it extends (1) from birth to the period of of full age. self-support (in a biological sense); and (2) Full age in the United States and England

point of view of evolution, especial signi- years of age is incapable of committing a felony. ficance attaches to this period. It is thought By the older Roman law, infancy, so far as to have arisen correlatively with the parental the right of control over property was conused to cover both periods, a division being majority being twenty-five. made between the intra-uterine (gestation or Infant Psychology: see Child Psychol prenatal) period and the extra-uterine (post- Logy. natal) period. The relation of these periods | Inference [Lat. in + ferre, to bear]: Ger. in those insects which are born practically advance knowledge. adult or fully developed. On the other hand, In this sense the word differs from Reasona relatively long post-natal infancy goes with ING (q. v.) only in referring strictly to a single relatively long and slow embryonic develop- step of the process, or to what seems a single ment, relative immaturity at birth, and rela-step. Unless the act is consciously performed. tively complex nutritive and protective adap- no logical control can be exercised; and this tations for the young after birth. The signi- is sufficient reason for separating such acts ficance of this is that by this arrangement from any operations otherwise analogous higher endowments, involving plasticity, in- which may take place in the formation of telligence, complex social relationships, &c., percepts. To be conscious of determining are made possible; for the young, not having a cognition by another, and not merely of to begin immediately at birth to take care of making the one follow after the other, involves themselves, need not have the fixed instinc- some more or less obscure judgment that the tive and reflex nervous and other special pair of representations, the determining and adaptations, but may have the general capa- determined, belong to a class of analogous city for learning by slow accommodation to pairs, so that a general maxim is virtually a varied set of conditions, while nourished obeyed in the act. There is, besides, a purand protected by their parents. The infancy pose of learning more of the truth. The repreperiod, therefore, adds directly to the re-sentations concerned in inference are, it appears, sources of the species for the production of always judgments (or propositions). Probably, individuals of a higher order. With this if a pair of percepts were, in the very act of goes the evolution of the brain in quality determining the one to accord with the other, and complexity in the grey matter, with its looked upon as special cases of a class of pairs convolutions and differentiations of function. of percepts so related to one another that if Stated in terms of heredity, the meaning of one were true the other ought to be accepted, it seems to be that by having an infancy they would, ipso facto, become judgments.

(2) See Infant (in law).

Literature: Fiske, Cosmic Philos.; MILNES-(A.T.O.) MARSHALL, Biol. Lectures, xiii; BALDWIN, Infancy [Lat. infans, infant]: Ger. (1) Ment. Devel. in the Child and the Race (from

to maturity or self-support (in a social, legal, is twenty-one years. Infants cannot bind themselves by contract, except for necessaries (1) The origin and meaning of infancy is of life. For acts of violence or wrong they an important biological problem. From the are civilly responsible. An infant under seven

instincts in the animal world, and to have cerned, ended at puberty; later the tutor, direct relation to the Gestation (q. v.) who till then had charge of an infant sui iuris, period; indeed the term infancy is sometimes was replaced by a curator, the time of full

is somewhat thus: a relatively short prenatal Schliessen, Schluss; Fr. inférence; Ital. illaperiod is correlated with swift embryonic zione (conclusione). (1) In logic: (a) the act development in creatures which are born of consciously determining the content of a equipped for immediate or very early indepen- cognition by a previous cognition or cognitions, dent self-support. The extreme case is found in a way which seems generally calculated to

period the individual may inherit less and (b) A pair (or larger set) of judgments, of

which one (or all of them together but one) a reduction to the immediate form is posjudgment.

positions put together with a view of creating JUDGMENTS. belief in another mind, or perhaps merely to - The various forms of inference, Syllogism exhibit the logical relation between different beliefs. But these distinctions often vanish following from a single premise), &c., fall in or lose all importance. When the determin- general under one or other of these headings, ing judgment is a copulative proposition, its mediate or immediate. members may either be called the premises, (b) The other psychological point of discusor their compound may be called the PREMISE sion is that of so-called 'unconscious infer-(q.v.). But when different beliefs are brought ence': the application of the term inference together in thought for the first time to form to the cases of mental construction or detertaken as plural.

general use as more or less permissible inaccu- MEDIATE AND MEDIATE. The theory of racies of language. Thus, the determined unconscious inference was propounded by judgment, or conclusion, may sometimes be Helmholtz (Die Thatsachen in d. Wahrnchconveniently called an 'inference.' The mung, and Physiol. Optik, 1st ed.) to expopular use of the word for a dubious illation, plain colour contrast, was used in the theory as in such a sentence as 'This is proof posi- of 'unconscious judgment' and in the explanative, while that is only an inference,' is quite tion of optical illusions by Wundt (Physiol.

the form of judgment, and as belonging to a Eng. trans., 1899). It is now largely obsolete. mental whole, of any of the relations involved The ordinary processes of perception which in that whole.

(a) the passage of consciousness from the inference is now constructed rather on the antecedent to the subsequent or inferred basis of mediate inference as type. It would content, covering the two cases of mediate be well to follow this tendency of usage. The and immediate inference, according as there psychological questions are brought to full are or are not elements common to both consciousness in the theory of the thought contents which serve explicitly, to carry the function as the progressive determination of mind over from one to the other and so deter- concepts as wholes. For the distinction mine them both in one whole. Immediate between Induction and Deduction as forms inference—e.g. John is human, therefore of inference, see those terms. A little-used John is mortal—is the isolating in judgment synonym for inference is Illation. Cf. also of a phase of analysis of the whole 'human.' PROBABLE INFERENCE, and PROBABILITY. The humanity of John is analytically judged | Literature: see Reasoning, and Bibliog. whether, from the psychological point of view, chap. xiv).

determines the remaining one, as in (a) above, sible. In the universal affirmative syllogism the whole set being regarded as constituting - e.g. John is human, all human beings together a cognition more complete than a are mortal, therefore John is mortal—we have no new psychological act or function; the In this sense, inference is synonymous with process is, however, one of different emphasis, argument. The latter word, it is true, only for the two contents, John and mortality, implies that the set of propositions might be before not consciously judged in one whole, thought, being perhaps written down and no are explicitly joined, by an act of judgment, longer even accepted by the author, while the through the assertion of the minor premise. former word implies that the movement of This distinction is more evident in cases of thought takes place. Moreover, an inference particular and hypothetical reasoning. See creates belief in the mind that makes it, what is said of the 'conceptual interpretation' while an argument may be a system of pro- of judgment under Analytic and Synthetic

a copulative judgment, the premises must be mination of objects as psychically immediate which are psycholog(cally or logically mediate. Several other logical meanings are in Cf. Psychic AND RSYCHOLOGICAL, and IM-(C.S.P.) Psychol., 1st ed.) and others, and made (2) In psychology: the determination in much of by Binet (Psychol. de Raisonnement, cover these phenomena do not yield explicit The matters of psychological interest are judgments of relation; and the theory of

to involve his mortality. In mediate infer- C, 2, p, q; especially the general works on ence — the forms of reasoning involving a logic (e.g. WUNDT, SIGWART) and on psychomiddle term—there are several cases, con- logy (e.g. Stour, Analytic Psychol., Bk. II. cerning all of which the question arises as to chap. vi; Baldwin, Senses and Intellect, (J.M.B., G.F.S.)