Cf. LOCAL SIGN, and TEMPORAL (1) the indispensable signification; (2) the

may be compared with the more generally tion. (1) is so much as is contained in whatrecognized classification given under Sien- ever may be fixed upon as the definition of MAKING FUNCTION; they serve different the term-all those elements of the meaning purposes, and do not seem to be inconsis- in the absence of any one of which the name

(1) See Sign (1), and cf. Local Sign, Ten- and (3) is what there is occasion to give PORAL SIGN, SYMBOL, and SYMPTOM.

written, spoken, &c .- of the LANGUAGE is given out-that oxygen is exhibitating is FUNCTION (q. v.), such as vocal sign, gesture informational to the student of chemistry, sign, graphic sign, &c.

in logical writing. Cf. Logical Diagram, results of the science); (4) consists of all the SYMBOL, and see the signs employed in the valid predicates of the term in question. longer logical articles, e.g. Logic, Logic When I say, 'The one I saw yesterday was (exact), TERM, and SYMBOLIC LOGIC.

aggregation and multiplication, it is recom- consciousness (usually a man, though it may mended that the traditional symbols be be a dog, or a doll) whom it has been agreed adhered to as follows:

thing which is either a or b.

(2) For multiplication, the form ab: some-APPARATUS, II (general).

Significance: see Significs (1, c).

ficato. See Connotation(2), and DENOTATION. cedents. and cf. Meaning, Significs, and Semantics.

called by Mill and others connotation and signifies; J. S. Mill uses, in place of signidenotation; for (1) the previously well-estab- fies, the term connotes, a word which he lished use of connote was somewhat warped by or his father picked up in Ockham. But Mill and his followers, and (2) these words signify has been in uninterrupted use in this may be applied to the corresponding properties of propositions as well as terms. The Salisbury spoke of 'quod fere in omnium ore application of a term is the collection of celebre est, aliud scilicet esse appellativa objects which it refers to; of a proposition significant, et aliud esse quod nominant. it is the instances of its holding good. The Nominantur singularia; sed universalia 'signification' of a term is at the qualities significantur.' Nothing can be clearer. There which are indicated by it; of a proposition it is no known occurrence of connote as early is all its different implications.

failing to distinguish between the different of appellatio relativa, and takes the relation thus to the question, Are proper names con- speaking of 'creator' as connoting the relanotative? 'contradictory answers are given tion of creator to creature. So Aquinas, In by ordinarily clear thinkers as being obviously sentent., I. dist. viii. q. 1, Art. 1. Subcorrect,' for the reason that they have not the sequently, because adjectives were looked same thing in mind under the term connota- upon as relative terms, white being defined

(C.S.P.) banal signification; (3) the informational This division of signs, suggested by c.s.p., signification; and (4) the complete significa-(J.M.B.) would not be applied; (2) is what 'goes Sign (and Signature, in psychology). without saying, what is known to every one, utterance to: these of course vary with the (2) Used also for the various symbols— different individuals to whom the proposition (J.M.B.) and banal to the teacher of chemistry (but Sign (logical). Any symbol employed false to those who are familiar with the latest John Peter,' the indispensable signification of In regard to the use of signs for logical John Peter is simply an individual object of to designate by that name; but the banal (1) For aggregation, the plus sign +: some-signification, to one who knows John Peter well, is very extensive.

The same characteristics apply to proposithing which is at once a and b. (C.L.F., J.M.B.) tions as well as to terms: thus the complete Signal (of Deprez): see LABORATORY AND signification (or implication) of All x is y is all its valid consequences, and its complete application (or range) is all those descrip-Signification (and Application, in logic): tions of circumstances under which it holds Ger. Bedeutung; Fr. signification; Ital. signi- good—that is to say, all its sufficient ante-

A general term denotes whatever there may These are substitute terms for what are be which possesses the characters which it as this. Alexander of Hales (Summa Theol., Great confusion has arisen in logic from I. liii) makes nomen connotans the equivalent sorts of signification, or connotation, of a term: itself as the accusative object of connotare, tion. It is necessary to distinguish between as 'having whiteness,' &c., the adjective was

looked upon as connoting the abstraction, but comparison with other modes of human comtivum illud est cuius significatum non sistit Editor's Preface, viii). in se, sed necessario ad alight refertur, vel alight connotat. V.g. Rex, magister, primus.'

Significs make practically for the detection of lurking confusion or specious assertion in

quotations show, that the precise meaning logic would help less directly and simply. recognized as proper to the word 'signify' at But it is suggested that this study, so far the time of John of Salisbury (a younger con- from superseding or displacing or even distemporary of Abelard) was never strictly tracting attention from the disciplines already observed, either before or since; and, on the recognized, would rather render them more contrary, the meaning tended to slip towards effectual because more vitally significant: of John's remark must be recognized.

Significs: Ger. Bedeutungslehre; Fr. théorie Much work is already being done in this des significations; Ital teoria delle significazioni direction. Significa as a science would (the foreign equivalents are suggested). (1) centralize and co-ordinate, interpret, inter-Significs implies a careful distinction between relate, and concentrate the efforts to bring (a) sense or Signification (q.v.), (b) mean-out meanings in every form, and in so doing ing or Intention (q. v.), and (c) significance to classify the various applications of the or ideal Worth (q.v.). It will be seen that signifying property clearly and distinctly. the reference of the first is mainly verbal (or Literature: A. Sidgwick, Distinction a

of every form of study: i.e. what is at Bedeutungslehre (1901). (v.w., G.F.S., J_M.B.) present indifferently called its meaning or sense, its import or significance.

never unless its supposed relative character munication, and to the urgent need of stimuwas under consideration. Tataretus, for lating thought by the creation of a general example, who wrote when the usage was fully interest in the logical and practical as well established, will be found using such phraseo- as the aesthetical value of all forms of exlogy as the following: 'Nulla relativa pression. And it provides a convenient secundum se habent contrarium, cum non general term under which to work perhaps sint qualitates primae, sed solum relativa for an international consensus, and for a secundum dici, et hoc secundum esse abso- natural check upon wilful waste or misuse of lutum et significatum principale eorum et the existing resources of language, by bringnon secundum esse respectivum et connota-tivum.' Chauvin (1st ed.) says: 'Connota-social and academic 'constraint' (cf. the

It unfortunately happened, as the above directions where the discipline of formal that of 'denote.' Yet even now the propriety more obviously related to ordinary experience and interests. It would also bring out the A number of works were written in the moral value of a greater respect for the tradimiddle ages De modis significandi, based upon tions and the future of language, and would Priscian (a contemporary of Boethius), who in fact, while preparing the ground for an in turn followed Apollonius the bad-tempered, expansion of the limits of articulate expres-'grammaticorum princeps,' who lived in the sion, tend to create a linguistic conscience time of Hadrian and Antoninus Pius. Cf. also which must beneficially react upon thought, Thurot, Notices et Extraits des MSS., xxii. Pt. thus bringing about gradually and naturally II, and Duns Scotus, Works, Lyons ed., r. (c.s.p.) a spontaneous consensus in definition.

Literature: A. Sidgwick, Distinction and rather SENSAL, q. v.), of the second volitional, Criticism of Beliefs; KARL PEARSON, Gramand of the third moral (e.g. we speak of some event 'the significance of which cannot be Nineteenth Cent., November, 1896; Eucken, overrated'; it would be impossible in such Gesch. d. philos. Terminologie (1879); and a case to substitute the 'sense' or the 'meaning' of such event, without serious loss). Significs treats of the relation of the sign in the widest sense to each of these.

(2) A proposed method of mental training, iming at the concentration of intellectual ways and Lambda Whateley, G. Cornesiming at the concentration of intellectual ways and Lambda Whateley, G. Cornesiming at the concentration of intellectual ways and Lambda Whateley, G. Cornesiming at the concentration of intellectual ways and Lambda Whateley, G. Cornesiming at the concentration of intellectual ways and Lambda Whateley, G. Cornesiming at the concentration of intellectual ways and Lambda Whateley, G. Cornesiming at the concentration of intellectual ways and Lambda Whateley, G. Cornesiming at the concentration of the sign in the concentration of the sign in the widest sense to each of these. aiming at the concentration of intellectual WALL LEWIS, and J. S. MILL are among those activities on that which is implicitly assumed who have discussed the general subject. See to constitute the primary and ultimate value also E. MARTINAK, Psychol. Untersuch. z.

Sign-making Function: (not in use in the other languages). The selection or con-Significs affords also a means of calling struction of certain objects—the signs—in attention to the backwardness of language in order that by mentally operating with these,