

bered event is less noticeably projected upon the concrete background of the specious present in which the act of memory takes place. Familiarity is an experience of the present with a fringe of the past; memory is an experience of the past with a fringe of the present.

To meet a possible difficulty, the author considers the question: 'What subjective background has a single sensation which arises when one is aroused from a state of unconsciousness?' The background for such a sensation, after its origin, would be composed of the image-traces of the sensation itself. Before such a background has developed, the background must be composed of the physiological concomitants of the sensation. The symbol for the specious present, taken physiologically, may thus represent a condition just antecedent to perception. In this way we can understand how it is that the time-form of a psychosis arises simultaneously with its content.

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JOURNALS AND NEW BOOKS

REVUE DE PHILOSOPHIE. May, 1904. Pp. 519-642. *Un Caractère de la Philosophie Moderne: le 'Mathématisme'* (pp. 519-541): X. MOISANT. - The attitude of Spinoza and Leibniz, culminating in the present worship of mathematical symbolization in philosophy is like a group of barren rocks in an otherwise fertile soil. It is only materialism over again; it reduces spirit to body. *La Théorie Physique, son Objet, sa Structure* (2d Article) (pp. 542-556): P. DUHEM. - A physical theory represents a group of experimental laws as simply, completely, and exactly as possible; an economical classification. We have a natural *faith* that these theories have ontological validity; this is confirmed because they enable us to predict. *Sur la Matérialisme Scientifique (suite)* (pp. 557-567): P. VIGNON. - Phenomena of mimicry are explained by the very psychic factors (will) which M. Le Dantec calls epiphenomenal. Thus we recognize Cl. Bernard's 'directive idea.' What this really is remains to be determined (*à suivre*). *L'Abstraction Scolastique* (pp. 568-573): COMTE DE VORGES. - Reply to M. Bernies. The evidence for the intellectus agens lies in its necessity as a basis for thinking; of course it is not observable. Neither is the heart-beat, normally, yet being indispensable for life we believe in it. *Fénelon Métaphysicien (Oeuvres Inédits)* (pp. 574-597): E. GRISELLE. - This gives the text of Fénelon's remarks on the 'Nature of Man explained by simple notions of Being in general' at the end of his *Lettre sur le culte interieur et exterieur (à suivre)*. *Analyses et Comptes Rendus: Félix Thomas, Pierre Leroux: C. HUIT. E. Lambert, Fonction du Droit Civil Comparé: CH. B. E. Fournière, Les Théories Socialistes au XIX^e Siècle. De Babeuf à Proudhon: E. BARON. N. Kostyleff, Esquisse d'une Évolution dans l'Histoire de la Philosophie: R. A. DUFF, Spinoza's Political and Ethical Philosophy: H. LÉARD. M. Salomon, Collection des Grands Hommes de l'Église au XIX^e Siècle: Mgr. Dupanloup: TH. G.*

J. Lemaitre, *Théories et Impressions*: T. DE VISAN. J. Bourdeau, *Les Maîtres de la Pensée Contemporaine*: T. DE VISAN. Périodiques Français. Sommaire des Revues. Bulletin de l'Enseignement Philosophique: les Sensations Kinesthésiques. Chronique.

REVUE PHILOSOPHIQUE. No. 5, May, 1904. Pp. 449-568. *De la Vérité: Remarques Logiques* (pp. 449-461): A. NAVILLE. - Truth is not agreement of thought with its object, for thought can not resemble matter or space. Truth for us, relative truth, is agreement of thought with normal representations. Sigwart's 'necessity' holds only for the normal. *La Perception de la Verticalité de la Tête et du Corps* (pp. 462-492): B. BOURDON. - Evidence is against a 'static sense' in the internal ear. Verticality or inclination of the head is revealed by eye-movements and sensations in the neck; of the body by sensations of the legs and haunches; of both, by skin and muscular sensations. *La Conception Générale de l'Association des Idées* (pp. 493-517): H. PIÉRON. - The Scotch theory and the stream theory are both inadequate. Associations are determined by the state of mind as a whole system. Two states once joined in any sort of system tend to recall each other. *Notes et Observations: de la Conscience des Agonisants* (pp. 518-521): N. VASCHIDE. - In the case of an epileptic, four minutes dead, a friend crying loudly in her ear caused the eyelids to quiver. Sufferers frequently show this reflex to auditory sensation. *Revue Critique: Vers le Positivisme Absolu par l'Idéalisme, de L. Weber* (pp. 522-539): L. BRUNSCHWIGG. - Weber's reduction of spatial realism to positivistic idealism is good, but he neglects to apply this to the categories of action and leaves open the road to moral realism. *Analyses et Comptes Rendus: Aikins, Principles of Logic*: A. LALANDE. Couturat, *Histoire de la Langue Universelle*: A. L. Roussel-Despierres, *L'Idéal Esthétique*: L. ARRÉAT. Lipps, *Aesthetik. Psychologie des Schönen und der Kunst*: M. KREBS. Durkheim et collaborateurs, *L'Année Sociologique*: G. BELOT. Dody, *Le Critérium Sociologique de la Raison d'État*: J. DELVAILE. Penjon, *L'Énigme Sociale*: H. DAUDIN. Payot, *Cours de Morale*: DELVAILE. A. BOSCO, *La Delinquenza in Vari State di Europa*: G. RICHARD. G. Trespioli, *Saggio per uno Studio della Coscienza Sociale e Giuridica nei Codici Religiosi*: RICHARD. V. Miceli, *Studi di Psicologia del Diritto*: RICHARD. N. Vaschide et von Buschan, *Index Philosophique. Revue des Périodiques Étrangers. Nécrologie. Livres Déposés.*

VIERTELJAHRSSCHRIFT FÜR WISSENSCHAFTLICHE PHILOSOPHIE UND SOZIOLOGIE. March, 1904, Band III., Heft 1. *Egoismus und Altruismus. Zur soziologischen Motivation des praktischen Wollens. Einleitender Teil* (pp. 3-22): D. GUSTI. - The origin of the two terms. Comte's treatment and Spencer's. Human actions can not be classified on so simple a basis. The error arises from adopting an historical, not a psychological account of motives. *Schopenhauer u. die wissenschaftliche Philosophie. I.* (pp. 23-71): C. v. BROCKDORFF. - Schopenhauer's theory of matter gave the first impetus to Ostwald's en-

ergetics. To his high valuation of the subjective element in consciousness psychology is much indebted. But his supposition that the sensible universe flies about in endless space is based not on logic but on pessimism. His account of causality, matter and force is utterly insufficient. The philosopher he considered an artist, concepts as his marble. *Über die Entwicklung des Begriffes der höheren arithmologischen Gesetzmässigkeit in Natur- u. Geisteswissenschaften* (pp. 73-92): W. G. ALEXEJEFF. — This development shows us that experiment gives us but the axioms of the facts. Further solutions of the subtler conformities of existence and sequence wait for the development of mathematics. *Critical Notices*, by W. P. SCHUMANN. W. Ament, *Die Entwicklung der Pflanzenkenntnis beim Kinde und bei Völkern*. K. Brankmann, *Die psychologische Entwicklung und Pädagogische Behandlung schwerhöriger Kinder*. W. Ament, *Begriff und Begriffe der Kindersprache*. P. Bergemann, *Lehrbuch der Pädagogischen Psychologie*. K. Kroiss, *Zur Methodik des Hörunterrichts*. E. F. W. Meumann, *Die Sprache des Kindes*. Havlock Ellis, *Das Geschlechtsgefühl*: GIESSLER. G. Ratzenhofer, *Positiv Ethik*: L. ROTH-DIAKOVAR. P. Sokolowski, *Die Philosophie im Privatrecht*: E. RABEL.

ANNALEN DER NATURPHILOSOPHIE. April, 1904. Band III., Heft 3. *Das Duale System der Harmonie* (pp. 241-269): A. v. OETTINGEN. — A systematic account of the chief terms employed in acoustics, with special emphasis on the distinction between tonicity and phonicity. *Über die Wechselseitigen Beziehungen der Bewegungsenergie und der Strahlenergie* (pp. 270-282): V. v. TURIN. — The results of the enquiry are summed up in ten theses, which include an approximate formula for the conversion of radial into kinetic energy. *Neue Ableitung der Gibbsschen Phasenregel* (pp. 283-293): F. WALD. — An attempt to show that the experimenter is included among the number of substances in Gibb's formulation of the law of phases. *Biologie und Chemie* (pp. 294-314): W. OSTWALD. — The most general advance exhibited in history is the conquest of spiritual realms, including that of art, by science. The enjoyment of art as a relief from the labors of science is an atavistic survival. The general trend of science has become synthetic. In the problem of coordination biology has a task which differentiates it from Chemistry. *Über den Zweck des Lebens* (pp. 315-323): P. J. MOBIUS. — Like everything interesting, the problem is a transcendent one. Existence is doubtless the chief aim, but it is not the whole. *Zur Geschichte tierischer Gesellschaften* (pp. 324-333): E. METSCHNIKOFF. — The connection prevailing among lower social animals between specialization in labor, and sexual power does not seem likely to prevail among men; nor is loss of individuality in other respects a corollary of social organization. *Critical notices*: W. O.-Felix Rosen, *Die Natur in der Kunst*. Th. Ribot, *Die Schöpferkraft der Phantasie* (L'imagination créatrice). M. Ettliger, *Untersuchungen über die Bedeutung der Deszendenztheorie für die Psychologie*. R. Goldschied, *Zur Ethik des Gesamtwillens Erster Band*. L. Couturat et L. Leau, *Histoire de la langue universelle*. C. K. Schneider, *Vitalismus. Elementare Lebensfunktionen*.

- Hall, G. Stanley. *Adolescence: its Psychology and its Relation to Physiology, Anthropology, Sociology, Sex, Crime, Religion and Education*. New York: D. Appleton & Co. 1904. 2 vols. \$7.50 net.
- Lovejoy, Arthur O. *Ethics and International Relations*. Published in The Bulletin of the Washington University Association. 1904.
- Schuyler, William. *German Philosophy in St. Louis*. Published in The Bulletin of the Washington University Association. 1904.
- Sen, Mohit Chandra. *The Elements of Moral Philosophy*. Second Edition, Revised. New York: E. P. Dutton & Co. \$1.25 net.
- Swift, Edgar James. *Education and the Scientific Method*. Published in The Bulletin of the Washington University Association. 1904.
- Waddington, Charles. *La philosophie ancienne et la critique historiques*. Paris: Libraire Hachette et Cie. 1904. xvi + 388 pp.
- Walter, Johnston Step. *The Principles of Knowledge*. West Newton, Pa.: Johnston and Penny. New York: F. E. Grant. 2 vols. 8vo. Vol. I., 302 pp. Each Vol. \$2.00 postpaid.
- Woodbridge, Frederick J. E. *The Philosophy of Hobbes in Extracts and Notes Collated from his Writings*. Minneapolis: H. W. Wilson Co. 1903. 8vo. xxxvi + 391 pp. \$1.50 net.

NOTES AND NEWS

WE reprint the following note from *Nature*: "The first German congress for experimental psychology was held in Giessen on April 18-21. About 130 persons accepted the invitation to attend the congress, including most of the prominent psychologists of Germany, besides physiologists, philosophers, alienists and teachers attached to various institutions, and about one hundred attended the sittings. Nearly fifty papers were read and discussed, and in order to get through this large programme the sittings were continued far into the evenings. There was an excellent exhibition of apparatus arranged by Doctor Sommer, the distinguished professor of psychiatry, who has done so much to apply the methods of experimental psychology to the investigation of mental diseases. Professor G. E. Müller, of Göttingen, so well known for his accurate investigations of the memory, presided over the sittings, and one of the most interesting features of the congress was his demonstration and exposition of a case of exceptionally good memory. The subject, who is an intelligent and well educated man, has, in addition to a remarkable memory, principally visual in type, a power of seizing very rapidly various arithmetical relations between groups of figures presented to him, and this combination of faculties enables him to excel all the achievements of Diamanti, Inaudi, and the other 'arithmetical prodigies' that have been investigated from time to time. It is proposed to institute a German association for experimental psychology for the organization of annual congresses and of cooperative research."

FOLLOWING the resignation of Professor Dewey from the headship of