

In connection with this article I should like to make a recommendation concerning the use of the term 'memory image.' Dr. Alexander speaks of 'voluntary or memory images.' By memory images he means not only 'simple reproductions,' but 'all images consciously constructed from remembered elements.' He observes (p. 324) that 'many times projected images appear sequent to winking.' It seems to me that to the visual images here mentioned, and to these alone, should be restricted the name 'memory images,' and that a distinction should be made between 'memory images' and 'images' of the 'free' or 'fancy' kind. I have made for my own study the following classification of images: First, *after images*, which 'feel coercive' and behave in a peculiar way; they show negative and complementary phases; second, *memory images*, which also feel coercive but show no phases; they are, however, like after images in being traced or usually traceable to a definite stimulus; and third, the *images*, fainter than either of the others (in my own case, though apparently not always so with Dr. Alexander), and neither feeling 'coercive' nor having phases. These memory images are mentioned by James (I., 647) as called phenomena of *Sinnesgedächtniss* by the Germans. Examples of these are the microscopist's haunting visions of his preparations, the chess-board mentioned by Dr. Alexander (p. 325) and a many times-observed experience of my own in seeing, after a swim in the surf, images of breaking waves, as I was rubbing my face with a towel in the diminished light of the bath-house.¹

It is true in a sense that all images are memory images. They are resuscitations, either partial or (possibly) integral, of sensations that we ourselves have had; unless we believe that they are inherited from our ancestors through the germ-plasm, a thought which has been several times suggested, but which is corroborated by no facts known to me. Now, if all images are memory images, let us call by that name only those in which the memory element is so noticeable and strong as to make them a class by themselves.

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JOURNALS AND NEW BOOKS

THE INTERNATIONAL JOURNAL OF ETHICS. July, 1904. Vol. XIV., No. 4. *Moral Instruction in Schools* (pp. 401-418): HERBERT M. THOMPSON. - The author argues that it is possible to give school instruction in morals which shall be free from religious or supernatural dogmas, and consequently acceptable to the various schools of religious belief. Sympathy and truthfulness are, he believes, the virtues most important to teach. *Has the Universe an Intelligent Background and Purpose?* (pp. 419-435): JAMES H. HYSLOP. - Whether or not the world has an intelligent purpose and background depends on whether nature cares as much for consciousness as for matter and energy. Unless consciousness can be shown to be conserved (as matter and energy are conserved)

¹ I have also observed a number of instances of auditory memory images.

by the continued existence of individuals, the evidence for a materialistic view is strong. *The Government Prison Settlement at Watotapu, New Zealand* (pp. 436-444): CONSTANCE A. BARNICOAT. - An interesting account of a prison settlement, in which prisoners, who are not habitual criminals, lead a healthy, outdoor life of productive labor. *The Moral Training of the Young in China* (pp. 445-468): CHESTER HOLCOMB. - A sympathetic discussion of Chinese education and government, showing the predominantly ethical aim of the educational system and the decentralization of the government. *The Practical Reason in Aristotle* (pp. 469-480): F. MELIAN STAWELL. - The author attempts to reconcile the metaphysical and Platonic elements in Aristotle's ethics with Aristotle's distinctively practical and humanistic conception of man's duty. *Student Honor: A Study in Cheating* (pp. 481-488): EARL BARNES. - A study of the answers of students to a questionnaire, sent to determine student sentiment concerning cheating, shows that the majority of students would be unwilling personally to report cases of dishonesty, although they admit that to do so would be right. *An Examination of the Rationalistic Attitude* (pp. 488-495): GUSTAV SPILLER. - The rationalist is wrong in so far as he feels that a critical attitude and the pursuit of truth sum up the aim of life; but it remains true that 'the diversity of men's wants makes it imperative that reason shall be called in . . . to decide upon diverging claims.' *The Heart of Mr. Spencer's Ethics* (pp. 496-499): FRANKLIN H. GIDDINGS. - Mr. Spencer regarded the attainment of individual liberty and the destruction of the military spirit as the ends of greatest value to society. *Book Reviews*: Henry Sidgwick, *The Development of European Polity*: GEORGE CLAUD RANKIN. G. L. Duprat, *A Treatise on the Psycho-Sociological Bases of Ethics*: S. H. MELLONE. Inazo Nitobé, *Bushido, the Soul of Japan*: NATHANIEL SCHMIDT. L. Lévy-Bruhl, *The Philosophy of Auguste Comte*: HENRY BARKER. F. H. Hayward and M. E. Thomas, *The Critics of Herbartianism and Other Matters Contributory to the Study of the Herbartian Question*: J. WELTON CARROLL. Alexander Darroch, *Herbart and the Herbartian Theory of Education*: J. WELTON. Carroll D. Wright, *Some Ethical Phases of the Labor Question*: STEPHEN F. WESTON. John Mitchell, *Organized Labor*: JOHN GRAHAM BROOKS. F. C. S. Schiller, *Humanism*: A. R. AINSWORTH. Horatio W. Dresser, *The Christ Ideal: A Study of the Spiritual Teachings of Jesus*: NATHANIEL SCHMIDT.

REVUE DE METAPHYSIQUE ET DE MORALE. July, 1904. Vol. X., No. 5. *L'histoire littéraire et la sociologie* (pp. 621-642): G. LANSON. - While sociology must heed historic literature, the latter does not need the former. The law of the correlation of literature and life is that the literature rather supplements than expresses the life of an age. The laws of 'foreign influence,' 'crystallization of peoples,' 'correlation of the esthetic forms and purposes,' 'of the appearance of a masterpiece' and 'of the action of a book on the public.' *Économie optimiste et économie scientifique* (pp. 643-663): C. RIST. - If we wish to realize the maximum of happiness it is necessary to organize competition in favor of

liberty and publicity. Free competition is not always realizable. *Les principes des mathématiques* (pp. 664-698): L. COUTURAT.—The definition of an irrational number, of a continuum; the concept of quantity; the measure of quantities. *La philosophie scientifique de M. Duhem* (pp. 699-744): A. REY.—M. Duhem rejects Poincaré's position; physical theories are not mere matters of convenience. But the physical laws he arrives at are never stated as derived from real quantities, but as resting on pure mathematics. He stands opposed especially to the old realistic mechanical theories. He gives an Aristotelian emphasis to qualitative differences. *La question de l'École Polytechnique* (pp. 745-754): L. WEBBER.—Reform rather than destruction advocated. *Livres nouveaux*. T. Ruyssen, *Essai sur l'évolution psychologique du jugement*. F. Paulhan, *La fonction de la mémoire et le souvenir affectif*. Braunschvig, *Le sentiment du beau et le sentiment poétique*. J. Sully, *Essai sur le rire*. M. Pelletier, *Les lois morbides de l'association des idées*. Gley, *Étude de psychologie physiologique et pathologique*. J. van Biervliet, *Étude de psychologie*. F. le Dantee, *Les lois naturelles*. C. Pouglé, *La démocratie devant la science*. M. Georges, *Pour la pédagogie*. G. de Pawlowski, *Philosophie du travail*. C. Rappoport, *La philosophie de l'histoire comme science de l'évolution*. C. Waddington, *La philosophie ancienne et la critique historique*. J. Bourdeau, *Les maîtres de la pensée contemporaine*. H. Cornelius, *Einleitung in die Philosophie*. H. Rickert, *Der Gegenstand der Erkenntnis*. *Einleitung in die Transzendentalphilosophie*. G. Storing, *Moralphilosophische Streitfragen*. H. C. Bastian, *Studies in Heterogenesis*. Reviews and Periodicals.

Baumann, A. *Le programme politique du Positivisme*. Perrin.

Forel, August. *Ants and Some Other Insects*. An Inquiry into the Psychic Powers of those Animals, with an Appendix on the Peculiarities of their Olfactory Sense. Translated from the German by William Morton Wheeler. Open Court Publishing Co.: Chicago. 1904. 8vo. 49 pp. \$0.50.

Fuchs, E. *Vom Werden dreier Denker*. (Fichte, Schelling, Schleiermacher.) Tübingen: Mohr. 1904. 8vo. 5 m.

Grassmanns, H. *Gessammelte mathematische u. physikalische Schreften Zweiten Bandes erster Theil. Die Abhandlungen zur Geometrie u. Analysis*. Leipzig: Teubner. 1904. 8vo. 16 m.

Heisler, H. *Gedanken über das Denken*. Stuttgart: Strecker u. Schröder. 1904. 8vo. 1 m.

Humboldt, W. v. *Gesammelte Schriften, hrsg. v. d. Kgl. Preuss. Akad. d. Wiss. XII. Bd.* Berlin: Behr. 1904. 8vo. 12 m.

Koppelman, W. *Kritik des sittlichen Bewusstseins vom philosoph. u. hist. Standpunkt*. Berlin: Reuther u. Reichard. 1904. 8vo. 6 m.

Leibniz, G. W. v. *Neue Abhandlungen über den menschlichen Verstand. Ins Deutsche übersetzt, etc., von C. Schaarschmidt*. 2 Aufl. 47 + 590 pp. 6 m.

Schnedermann, F. *Die bleibende bedeutung Immanuel Kants in einigen Hauptpunkten gezeichnet*. Leipzig: Hinrichs. 1904. 8vo. .50 m.

- Sternberg, T. *Allgemeine Rechtslehre. Erster Teil: Die Methode. Zweiter Teil: Das System.* Leipzig: Göschen. 1904. 209 + 197 pp. .80 m.
- Wallach, H. *Die neue Logik.* Berlin: Calvary & Co. 1904. 107 pp. 8vo. 1.50 m.
- Whettam, W. C. D. *The Recent Development of Physical Science.* London: John Murray. 1904. 7s. 6d. net.

NOTES AND NEWS

WE are enabled to announce the following list of official secretaries for the several sections of the departments of philosophy and psychology of the International Congress of Arts and Science to be held at St. Louis, September 19-25: *Metaphysics*: Professor A. O. Lovejoy, of Washington University; *Philosophy of Religion*: Dr. W. P. Montague, of Columbia University; *Logic*: Dr. W. H. Sheldon, of Columbia University; *Methodology of Science*: Dr. Ralph Barton Perry, of Harvard University; *Ethics*: Professor Frank C. Sharp, of the University of Wisconsin; *Esthetics*: Professor Max Meyer, of the University of Missouri; *General Psychology*: Wm. Harper Davis, of Lehigh University; *Experimental Psychology*: Dr. R. S. Woodworth, of Columbia University; *Comparative Psychology*: Dr. Robert M. Yerkes, of Harvard University; *Abnormal Psychology*: Dr. Adolf Meyer, of the New York State Pathological Institute.

ON Friday, October 28, Columbia University will commence the celebration of the hundred and fiftieth anniversary of its foundation. On that day all the university buildings will be open for inspection. The following Monday morning the corner stones will be laid of four new buildings: the university chapel, two university dormitories, and the School of Mines building. If completed, the new Thompson physical education building of Teachers College will then be dedicated. On Monday afternoon President Butler will address the formal university convocation. Details of other lectures, etc., in which the foreign guests of the university will take part, are to be announced later.

PROFESSOR JOHN E. BOODIN, of Iowa College, has been elected to the new chair of philosophy at the University of Kansas. Dr. J. D. Stoops (Boston University) will succeed him at Iowa College.

DR. EDMUND J. JAMES, president of Northwestern University, has been elected president of the University of Illinois, succeeding Dr. A. S. Draper, now superintendent of State Instruction in the State of New York.

THE Rev. Dr. Charles W. Shields, professor of harmony of science and revealed religion at Princeton University since 1865, died on August 25, at the age of seventy-nine years.

THE death is also announced of Christof von Sigwart, professor of philosophy at Tübingen.