

Partial Bibliography in Support of Existence of Qualitatively Different Neurological Systems from the work of Dr. Clare W. Graves

Dr. Graves acknowledged that he was not a neurologist, and to find the neurological evidence he needed to support his Levels of Existence Theory he had to turn to the research of other scientists. The bibliography of pertinent studies, listed below, was compiled by Dr. Graves up to about August, 1969.

Ambrose, J. A. "The development of the smiling response in early infancy." In B.M. Foss (Ed.), *Determinants of infant behavior*. London: Methuen & Co., Ltd., 1960. American Psychological Association. *Ethical standards of psychologists*. Washington, D. C.: APA, 1963.

Bard, P. , & Rioch, D. McK. "A study of four cats deprived of neocortex and additional portions of the forebrain." *Johns Hopkins Hospital Bulletin*, 1937, 60, 73-147.

Berlyne, D. E. *Conflict, arousal and curiosity*. New York: McGraw-Hill, 1960.

Bingham, W. E., & Griffiths, W. J., Jr. "The effect of different environments during infancy on adult behavior in the rat." *Journal of Comparative and Physiological Psychology*, 1952, 45, 307-312.

Bowlby, J. "The nature of the child's tie to his mother." *International Journal of Psychoanalysis*, 1958, 39, 1-24.

Brackbill, Y. "Extinction of the smiling response in infants as a function of reinforcement schedule." *Child Development*, 1958, 29, 115-124.

Brady, J. V., "Emotional behavior." In J. Field (Ed.) , *Handbook of physiology*. Sect I Neurophysiology. Vol. III. Washington, D. C.: American Physiological Society, 1960.

Brogden. W. J. "Animal studies of learning." In S. S. Stevens (Ed.). *Handbook of Experimental psychology*. New York: Wiley, 1951, Pp. 568-612.

Bruner, J. S., Matter, J., & Papanek, M. "Breadth of learning as a function of drive level and mechanization." *Psychological Review*, 1955. 62, 1-10.

Buhler, C. *The first year of life*. New York: Day, 1930.

Buhler, C. "The course of human life as a psychological problem." *Human Development*, 1968, 11 (3), 184-200.

Butler, R. A. "Incentive conditions which influence visual exploration." *Journal of Experimental Psychology*, 1954. 48, 19-23.

Conel, J. LeR. *The postnatal development of the human cerebral cortex. Cortex of the newborn*. Cambridge, Mass.: Harvard University Press, 1939.

Conel, J. LeR. *The postnatal development of the human cerebral cortex. II. Cortex of the one-month infant*. Cambridge, Mass.: Harvard University Press, 1941.

Dell, P. C. "Some basic mechanisms of the translation of bodily needs into behavior." In G. E. W. Wolstenholme & C. M. O'Conner (Eds.) *Symposium on the neurological basis of behavior*. Boston: Little, Brown, 1958.

Forgays, D. G. "The importance of experience at specific times in the development of an organism." Paper presented at the meeting of the Eastern Psychological Association, April, 1962.

Forgays, D. G. & Forgays, J. "The nature of the effect of free-environmental experience in the rat." *Journal of Comparative and Physiological Psychology*, 1952, 45, 322-328.

Gastaut, H. "Conditioned reflexes and behavior." In G. E. W. Wolstenholme & C. M. O'Conner (Eds.), *Symposium on the neurological basis of behavior*. Boston: Little, Brown, 1958.

Gloor, P. "The amygdala." In J. Field (Ed.). *Handbook of physiology*. Sect. I, neurophysiology. Vol II. Washington, D. C.: American Physiological Society, 1960.

Guyton, A. C. *Textbook of medical physiology*. Philadelphia: Saunders, 1961.

Harlow, H. F., & Zimmermann, R. R. "Affectional responses in the infant monkey." *Science*, 1959, 130, 421-432.

Haymuy, T. P., "The role of the cerebral cortex in the learning of an instrumental conditioned response." In A. Fessard, R. W. Gerard, & J. Konorski (Eds.) *Brain mechanisms and learning*. Springfield, Illinois: Thomas, 1961.

Hebb, D. O. *The organization of behavior*. New York: Wiley, 1949.

Hernandez-Peon, R., & Brust-Carmona, H. "The functional role of subcortical structure in habituation and conditioning." In A. Fessard, R. W. Gerard, & J. Konorski (Eds.) *Brain mechanisms and learning*. Springfield, Illinois: Thomas, 1961.

Hess, E. H. "Imprinting." *Science*, 1959. 130, 133-141.

Hess, R. D. & Shipman, V. C. "Early experience and the socialization of cognitive mode-children." *Child Development*, 1965. 36, 859-886. Published by the University of Chicago Press for the Society for Research in Child Development, Inc. (c) By the Society. Excerpt reprinted by permission.

Hinde, R. A. "Sensitive periods and the development of behavior." In S. A. Barnett (Ed.), *Lessons from animal behavior for the clinician*. London: National Spastics Society Study Group and Heinemann Medical Books, Ltd., 1962.

Hymovitch, B. "The effects of experimental variations on problem solving in the rat." *Journal of Comparative and Physiological Psychology*, 1952, 45, 313-321.

Jersild, A. T. "Emotional development." In L. Carmichael (Ed.) *Manual of child psychology*. New York: Wiley, 1946.

Jung, R., & Hassler, R. "The extrapyramidal motor system." In J. Field (Ed.), *Handbook of physiology*. Section I: neurophysiology. Vol II. Washington, D. C.: American Physiological Society, 1960.

Kleitman, N., & Engelmann, T. G. "Sleep characteristics of infants." *Journal of Applied Physiology*. 1953. 6, 266-282.

Krechevsky, I. "Brain mechanisms and variability; I. Variability within a means-ends-readiness." *Journal of Comparative Psychology*, 1937, 23, 121-138.

Levine, S. "The effects of infantile experience on adult behavior." In A. J. Bachrach (Ed.) *Experimental foundations of clinical psychology*. New York: Basic Books, 1962.

Maier, N. R. F., & Schneirla, T. C. "Mechanisms in conditioning." *Psychological Review*. 1949, 49, 117-134.

McGraw, M. B. *The neuro-muscular maturation of the human infant*. N. Y.: Columbia University Press, 1943.

Melzack, R., & Scott, T. H. "The effects of early experience on the response to pain." *Journal of Comparative and Physiological Psychology*. 1957, 50, 155-161.

Miller, G. A., Galanter, E., & Pribram, K. H. *Plans and the structure of behavior*. New York: Holt, 1960.

Moltz, H. "Imprinting: Empirical basis and theoretical significance." *Psychological Bulletin*, 1960, 57, 291-314.

Morgan, C. T. "The psychophysiology of learning." In S. S. Stevens (Ed.) *Handbook of experimental psychology*, New York: Wiley, 1951. Pp. 758-788.

Munn, N. L. "Learning in children." In L. Carmichael (Ed.), *Manual of child psychology*. New York: Wiley, 1946.

Neissen, H. W., Chow, K. L., & Semmes, J. "Effects of restricted opportunity for tactual, kinesthetic and manipulative experience on the behavior of a chimpanzee." *American Journal of Psychology*. 1951, 64, 485-507.

Olds, J. & Olds, M. E. "Interference and learning in paleocortical systems." In A. Fessard, R. W. Gerard, & J. Konorski (Eds.), *Brain mechanisms and learning*. Springfield, Illinois: Thomas, 1961.

Piaget, J. *The origins of intelligence in children*. Paris: Delachaux & Niestle, 1936. (Republished: New York: International University Press., 1952).

Piaget, J. "Development and learning." In R. E. Ripple & V. N Rockcastle (Eds.). *Piaget rediscovered*. Ithaca, New York.: School of Education, Cornell University, 1964.

Razran, G. "Conditioning and perception." *Psychological Review*. 1955. 62, 83-95.

Riesen, A. H. "Plasticity of behavior." Psychological series. In H. F. Harlow & C. N. Woolsey (Eds.) *Biological and biochemical bases of behavior*. Madison: University of Wisconsin Press, 1958.

Riesen, A. H. "Stimulation as a requirement for growth and function in behavioral development." In D. W. Fiske & S. R. Maddi (Eds.) *Functions of varied experience*. Homewood, Illinois: Dorsey, 1961.

Roberts, E. "Biochemical maturation of the central nervous system and behavior: Transactions of the third conference." New York: Josiah Macy Foundation, 1960.

Samuels, I. "Reticular mechanisms and behavior." *Psychological Bulletin*, 1959, 56, 1-25.

Scott, J. P. "Critical periods in the development of social behavior in puppies." *Psychosomatic Medicine*, 1958, 20(1), 42-54.

Scott, J. P. "Critical periods in behavioral development." *Science*, 1962, 138, 949-958.

Scott, J. P. "The progress of primary socialization in canine and human infants." Monographs of the Society for Research in Child Development, 1963, 28 (1), 1-47.

Scott, J. P. "The development of social motivation." In D. Levine (Ed.), *Nebraska Symposium on Motivation – 1967*. Lincoln, Nebraska. University of Nebraska Press, 1967. Pp. 111-132.

Sharpless, S. & Jasper, H. H. "Habituation of the arousal reaction." *Brain*, 1956, 79, 655-680.

Stellar, E. "Drive and motivation." In J. Field (Ed.), *Handbook of physiology*. Section I: neurophysiology. Vol. III. Washington, D. C.: American Physiological Society, 1960.

Terzuolo, C. A., & Adey, W. R. "Sensorimotor cortical activities." In J. Field (Ed.) *Handbook of physiology*. Section I: neurophysiology. Vol II. Washington, D. C.; American Physiological Society, 1960.

Thistlethwaite, D. "A critical review of latent learning and related experiments." *Psychological Bulletin*. 1951.

Travis, A. M. & Woolsey, C. N. "Motor performances of monkeys after bilateral partial and total cerebral decortications." *Journal of Physical Medicine*, 1956, 35, 273-310.

Welker, W. I. "An analysis of exploratory and play behavior in animals." In D. W. Fiske and S. R. Maddi (Eds.). *Functions of varied experience*. Homewood, Illinois: Dorsey, 1961.