

References

- Bandura, A., and R. H. Walters
1963 Social learning and personality development. New York, Holt, Rinehart, and Winston.
- Banfield, E. C.
1958 The moral basis of a backward society. New York, Free Press.
- Barnett, M. L.
1962 Persistence and change in Cantonese-American gambling. *Philippine Sociological Review* 10: 186-203.
- Brode, J.
1969 The process of modernization. Cambridge, Mass., Harvard University Press.
- Bulatao, J. C.
1964 *Hiyâ*. *Philippine Studies* 12: 424-438.
- Castillo, Gelia T.
1964 Sociological factors in saving and capital accumulation: some research findings. Los Banos, Department of Agricultural Education, College of Agriculture, University of the Philippines. (Mimeo.)
1965a Discussion of paper by E. M. Rogers. Paper presented at the Agricultural Development Council seminar on subsistence and peasant economics. East-West Center, University of Hawaii, Honolulu.
1965b Toward understanding the Filipino farmer. Los Banos, Department of Agricultural Education, College of Agriculture, University of the Philippines. (Mimeo.)
- DeVos, G.
1968 Achievement and innovation in culture and personality. *In* The Study of personality. E. Norbeck, D. Price-Williams, and W. M. McCord, eds. New York, Holt, Rinehart, and Winston.

- Doob, L.
1960 *Becoming more civilized: a psychological exploration*. New Haven, Yale University Press.
- Feldman, A. E., and C. Hurn
1966 The experience of modernization. *Sociometry* 29: 378-395.
- Foster, G. M.
1965 Peasant society and the image of the limited good. *American Anthropologist* 67: 293-315.
1967 *Tzintzuntzan Mexican peasants in a changing world*. Boston, Little, Brown, and Company.
- Garcia, G. V., and M. G. Arejola
1968 A bold plan to increase milk production. *Agriculture at Los Baños* 8: 4-7.
- Guthrie, G. M.
1962 *The Filipino child and Philippine society*. Manila, The Philippine Normal College Press.
- Guthrie, G. M., and Fortunata M. Azores
1968 Philippine interpersonal behavior patterns. *In Modernization: its impact in the Philippines III* ("IPC Papers," No. 6). W. F. Bello and A. de Guzman II, eds. Quezon City, Ateneo de Manila University Press. Pp. 3-63.
- Guthrie, G. M., and Pepita J. Jacobs
1966 *Child rearing and personality development in the Philippines*. University Park, Pennsylvania, The Pennsylvania State University Press.
- Guthrie, Helen A.
1969 Infant and maternal nutrition in four Tagalog communities. *In Modernization: its impact in the Philippines IV* ("IPC Papers," No. 7). W. F. Bello and A. de Guzman II, eds. Quezon City, Ateneo de Manila University Press. Pp. 60-92.
- Hagen, E.
1962 *On the theory of social change*. Homewood, Ill., The Dorsey Press.
- Hollnsteiner, Mary R.
1963 *The dynamics of power in a Philippine municipality*. Quezon City, Community Development Research Council, University of the Philippines.

Inkeles, A.

- 1966 The modernization of man. *In* Modernization: the dynamics of growth. M. Weiner, ed. New York, Basic Books.

Jocano, F. L.

- 1969 Growing up in a Philippine barrio. New York, Holt, Rinehart, and Winston.

Kahl, J. A.

- 1968 The measurement of modernism: a study of values in Brazil and Mexico. Austin, Texas, The University of Texas Press.

Kaut, C.

- 1961 *Utang na loób*: a system of contractual obligation among Tagalogs. *Southwestern Journal of Anthropology* 17: 256-272.

Landé, C. H.

- 1968 Party politics in the Philippines. *In* Six perspectives on the Philippines. G. M. Guthrie, ed. Manila, Bookmark.

Lapuz, L. V.

- 1967 Resistances in the Filipino to economic progress. *In* Human factors in Philippine rural development. F. C. Madigan, ed. Cagayan de Oro City, Xavier University.

Lewis, O.

- 1951 Life in a Mexican village: Tepoztlan restudied. Urbana, Illinois, University of Illinois Press.

Lynch, F.

- 1959 Social class in a Bikol town. Research series no. 1. Chicago, Philippine Studies Program, Department of Anthropology, University of Chicago.

McClelland, D. C.

- 1961 The achieving society. New York, Free Press.
1965 Achievement motivation can be developed. *Harvard Business Review* 43(6): 6-24, 178.
1969 Motivating economic achievement. New York, Free Press.

McKendry, J. M., Margaret S. McKendry, and G. M. Guthrie

- 1967 The psychological impact of social change in the Philippines. HRB-Singer Technical Report 857-R-2. State College, Pa., HRB-Singer, Inc.

Madigan, F. C. (ed.)

- 1967 Human factors in Philippine rural development. Cagayan de Oro City, Xavier University.

- Pal, A. P.
- 1956 A Philippine barrio. *Journal of East Asiatic Studies* 5: 337-486.
 - 1967 Food production from the viewpoint of the rural sociologist. *In* Human factors in Philippine rural development. F. C. Madigan, ed. Cagayan de Oro City, Xavier University.
 - 1968 Personal communication.
- Pelaez, E.
- 1967 Traditional values in Philippine society as deterrents to progress. *In* Human factors in Philippine rural development. F. C. Madigan, ed. Cagayan de Oro City, Xavier University.
- Polson, R. A., and A. P. Pal
- 1958 Social change in the Dumaguete trade area, Philippines, 1951-58. *International Agricultural Development Monograph* 4. Ithaca, New York, Dept. of Rural Sociology, Cornell University.
- Riggs, F. W.
- 1958 The bazaar-canteen model: economic aspects of the prismatic society. *Philippine Sociological Review* 6: 7-59.
- Sjoberg, G.
- 1960 The pre-industrial city. New York, Free Press.
- Skinner, B. F.
- 1938 The behavior of organisms: an experimental analysis. New York, Appleton-Century-Crofts.
 - 1948 *Walden Two*. New York, Macmillan.
 - 1953 *Science and human behavior*. New York Macmillan.
 - 1957 *Verbal behavior*. New York, Appleton-Century-Crofts.
- Smith, D. H., and A. Inkeles
- 1966 The OM scale: a comparative socio-psychological measure of individual modernity. *Sociometry* 29: 353-377.
- Staats, A. W., and Carolyn K. Staats
- 1966 *Complex human behavior*. New York, Holt, Rinehart, and Winston.
- Von Oppenfeld, J., L. P. de Guzman, F. Librero, and J. C. Sta. Iglesia
- 1964 The pilot study in farm development. Los Baños, College of Agriculture, University of the Philippines.
- Weiner, M. (ed.)
- 1966 *Modernization: the dynamics of growth*. New York, Basic Books.

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