

associations between many of these variables and particular values of the authority scale. If these are complex and powerful syndromes, the other variables should correlate with each other as well as with the authority variable. Schlegel purports to have demonstrated this by means of a factor analysis. This is the least convincing part of the book, and it remains to be tested adequately.

Schlegel has not generated an operational definition of authority, her central variable, in spite of a section of the coding manual devoted to it (Appendix A, pp. 145-47). It is therefore impossible to determine the degree to which authority was measured independently of the other variables. For example, who punishes a woman's adultery, husband or brother, is clearly dependent on who is the recipient of jural authority over her. Thus, if husband is dominant, he is the sanctioner, which cannot be said to be a variable independently associated with "husband dominance" but is part of the definition of it.

Perhaps the most serious unresolved methodological difficulty in cross-cultural research is what has been called the measurement problem. The difficulty is to discover measurement criteria that apply with equal validity to several different cultural systems. Anthropological comparativists have tended to pay relatively little attention to the problem, and this book is consistent with tradition. For example, the measures of strength of incest prohibition are naive and ambiguous, using mythical materials (notorious for their use of symbolic structural reversal) and classificatory siblings who may be outsiders to the domestic group.

Schlegel has made a lot of ad hoc decisions in doing her research. To take one instance, she finds that control over property is the variable "most clearly and strongly associated with domestic group authority" (p. 86). In order to get such a strong relationship she has collapsed seven categories of property control into three and dropped three cases from the sample. It is to be hoped that, as anthropology matures, such decisions will be generated by theory. The results of this fishing expedition may be worth having, but they would have been of much greater value if generated from theory.

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New Journals Received

Archives of Environmental Contamination and Toxicology. Vol. 1, No. 1, Feb. 1973. Four issues per volume. Editor: Louis Lykken (2932 Oxford Ave., Richmond, Calif. 94806). Springer-Verlag New York Inc., 175 Fifth Avenue, New York, N.Y. 10010. Vol. 1, \$39.

Biomaterials, Medical Devices, and Artificial Organs. An International Journal. Vol. 1, No. 1, March 1973. Four issues per volume. Editor: T. F. Yen. Marcel Dekker, Inc., 95 Madison Ave., New York, N.Y. Vol. 1, \$35; to individual professionals and students, \$17.50.

Journal of Electronic Materials. Vol. 2, No. 1, Feb. 1973. Four issues per volume. Editor: Theodore C. Harman (MIT Lincoln Laboratory, Lexington, Mass.). Plenum Press, 227 West 17th St., New York, N.Y. 10011. Vol. 2, \$40; to individual subscribers, \$20.

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Analytical Chemistry of Selenium and Tellurium. I. I. Nazarenko and A. N. Ermakov. Translated from the Russian edition (Moscow, 1971) by R. Kondor. Israel Program for Scientific Translations, Jerusalem, and Halsted (Wiley), New York, 1973. x, 280 pp., illus. \$24. Analytical Chemistry of the Elements.

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Automotive Electrical Equipment. Proceedings of a conference, Brighton, England, Sept. 1972. Institution of Mechanical Engineers, London, 1973. viii, 168 pp., illus. £7.

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Catalysis Reviews. Vol. 7. Heinz Heinemann, Ed. Dekker, New York, 1973. viii, 312 pp., illus. \$21.50.

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