
Plant Communities of the Welaka Area, Florida

This bulletin contains detailed descriptions of twenty-four plant communities which occur in the Welaka area, Putnam County, Florida, the 2,180 acre tract comprising University of Florida's Conservation Reserve. The communities are classified by the author into seven types, and are carefully described on the basis of aspect, floristic composition, structure and extent. The association described include every primary type in the area, and the communities occupying abandoned fire lanes, lawns, ditches and roads are also discussed. An attempt has been made to analyze the successional relationships and some correlation with eight soil types is recognized. Climatic data are given but were not obtained in the plant habitats of the problem area. A list of 750 species of plants growing in the area make up twenty-eight tables, in which the abundance or rank of each species for each community is indicated, and vegetation maps and twenty-eight photographs are included.—*J. N. Wolfe.*

The Plant Communities of the Welaka Area. A. M. Laessle. 143 pp. Univ. of Fla. Publication, Biological Science Series. Vol. IV, No. 1. July, 1942. \$1.50.

Physics and Philosophy

Readers familiar with the recent development of theoretical physics, in particular with relativity and quantum theory, will enjoy this book very much as a colorful supplement to their dry formulas and equally dry experiments. It remains doubtful, however, whether the sparkling style, the many striking similes and puns will satisfy those readers who look for information concerning the philosophical problems of our sources of knowledge, determinism versus free will, space and time, etc., in their relation to modern physics. Jeans' representation remains too much on the surface as to seriously touch the problems of present day philosophy, although his criticism of mediaeval and antique philosophers and their verbal struggles is very striking. One cannot refrain from the observation that being a great physicist does not imply being a good philosopher, too. Nevertheless it is always instructive and entertaining to read what an original thinker has to say about any subject matter whatsoever, even if his exposition is only "popular" in the best sense of the word.—*Alfred Landé.*

Physics and Philosophy, by Sir James Jeans. 222 pp. Macmillan Company, New York, 1943. \$2.75.