

References

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Book review

K. F. Baker, G. A. Zentmeyer & E. B. Cowling (ed.): *Annual Review of Phytopathology*, Vol. 11. Annual Reviews Inc., Palo Alto (Calif.), USA 1973: 559 pp.; author and subject indexes; cloth bound, dust jacket; Price \$ 12 (USA) and \$ 12.50 (elsewhere).

With this volume the second decade of *Annual Review of Phytopathology* has begun. It starts with an interesting preface by Dr C. W. Bennett, which presents some considerations of factors important in the growth of the plant pathology against the author's long personal experience with virus diseases and virus research.

The 22 reviews that follow, with extensive lists of references, contain a wealth of information on various specialized subjects. Several are grouped under headings such as pathogens, morphology and anatomy, physiology of host-pathogen interaction, epidemiology, influence of environment, chemical control, and control by biological means and by cropping methods. Some subjects of more general interest are: a historical study of 'the great Bengal famine' in 1943, mainly due to an epidemic of *Helminthosporium oryzae* in rice (Padmanabhan); an appraisal of 'threatening plant diseases' (Thurston); 'a lysosomal concept for plant pathology' (Wilson); a discussion of 'genetic variability in crops' especially in their host-pathogen interactions (Day); 'trends in breeding for disease resistance in crops' (Roana), and a survey of 'the development and future of extension plant pathology in the United States' (Sherf).

The number of subjects is too large and their nature too divergent for a detailed review. Most of the contributions are outstanding and will be welcomed especially by those who cannot themselves cope with the flood of scientific literature.

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