

18. STOCHASTIC MODELS OF ABUNDANCE

18.1 Patil, G. P., and Dennis, B. (1984). The gamma distribution and weighted multimodal gamma distributions as models of population abundance. *Mathematical Biosciences*, 68, 187-212.

18.2 Patil, G. P., and Dennis, B. (1988). Applications in ecology. In *Lognormal Distributions: Theory and Applications*, E. L. Crow, and K. Shimizu, eds. Marcel Dekker, New York. pp. 303-330.

18.3 Taillie, C., Patil, G. P., and Hennemuth, R. C. (1995). Modelling and analysis of recruitment distributions. *Environmental and Ecological Statistics*, 2, 315-329.