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Paul H Bezandry*, 2441 6th Street, NW, Washington, DC 20059. *Note on the almost periodic stochastic Beverton-Holt equation.*

We consider a stochastic Beverton-Holt difference equation with varying survival rates and intrinsic growth rates. We assume that both the recruitment function and the survival rate vary randomly. In this talk we develop a basic theory of mean almost periodic random sequences on \mathbf{Z}_+ and provide a method to constructing mean almost periodic random sequences on \mathbf{Z}_+ . These techniques are, subsequently, used to find some sufficient conditions for the existence and uniqueness of a mean almost periodic solution of the Beverton-Holt equation. (Received September 24, 2012)