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Sophia R.-J. Jang* (jang@louisiana.edu), Department of Mathematics, University of Louisiana at Lafayette, Lafayette, LA 70504. *Dynamics of discrete-time larch budmoth models*. Preliminary report.

Population of larch budmoth in the Swiss Alps is well known for its regular periodic outbreaks. In this talk we will present several discrete-time larch budmoth models and discuss asymptotic dynamics of the models. Some biological conclusions derived from the models will also be addressed. (Received February 01, 2008)