

### **BI592 Theoretical Ecology - Discussion Paper Sign-up**

<b>Discussion</b>	<b>Paper</b>	<b>Your name (1-2 people / paper)</b>
1	Levins 1966. The strategy of model building in population biology.	
	May 2004. Uses and Abuses of Mathematics in Biology.	
2	Anderson, Burnham & Thompson 2000. Null Hypothesis Testing: Problems, Prevalence, and an Alternative.	
	Stephens, Buskirk, Hayward & Martinez Del Rio 2005. Information theory and hypothesis testing: a call for pluralism.	
3	May 1974. Biological Populations with Nonoverlapping Generations: Stable Points, Stable Cycles, and Chaos.	
	Hassell, Lawton & May. 1976. Patterns of dynamical behaviour in single-species populations.	
4	Ives & Carpenter 2007. Stability and Diversity of Ecosystems.	
	May 1972. Will a Large Complex System Be Stable?	
5	Aber 1997. Why Don't We Believe the Models?	
	Gunawardena 2013. Biology is more theoretical than physics.	
	Fawcett & Higginson 2012. Heavy use of equations impedes communication among biologists.	