Advanced Ecology Discussion D. Jenkins

May (1974)

1. Chaos depends on _____ and _____.
2. GS: cited 1846 times. Why did this paper capture so much attention? Because of its inflammatory hyperbole?
3. What does this imply about L-V math in nature?

Noy-Meir (1975)

4. Figs. 1 & 2 are the basis for much below. Make sense?
5. Figs. 3 - 5 Good so far?
6. Fig. 6. How does this relate to the above?
7. Compare Figs. 8 & 9. Can you see the match?
8. OK, enough squinting at graphs. What is common across all these? What is not done?

Beisner et al. (2003)

9. p. 376, left. Do the two papers above capture the two contexts of “alternative stable states”?
10. p. 377. How might you distinguish between the two paths in Fig. 1?
11. is this general overview descended from Noy-Meir (1975)? Is that OK?
12. Someone please explain this resilience and hysteresis whoohaa.
13. Does this perspective help place changing biodiversity and ecosystems in context?