

Skellam (1951)

1. Synopsis. “The random walk problem ...” Is this a dumb null model or is it useful? Someone please Google Scholar the phrase [ecology “random walk”] since 2019.
2. Paragraph 1.1 Did he anticipate another discipline here?
3. A theme among some of these papers seems to be mathematicians vs. biologists. Is this real?
4. How is this work relevant to conservation biology?
5. His p. 213, section 4.1. Does anyone know what a cellular automata model does?
6. His p. 216. section 4.5. Is anyone familiar with McPeck & Holt (1992)?  
<https://www.journals.uchicago.edu/doi/abs/10.1086/285453>
7. His p. 216. 5. Biological Discussion, ¶ 1. Does anyone know about connectivity / resistance models of movement?

Huffaker (1958)

8. His p. 344. lists 7 questions: What were the answers?
9. Hi p. 345. ¶ starting “In the present study ...” Does this accurately describe the described work?
10. What were the total material costs of this experiment (in 2020 \$US)?
11. How confident are you [0-10 scale] that you could repeat this study as described?
12. His p. 355 – 370. Summarize for me the progression of Figures.
13. p. 372, top partial ¶. Which took longer – the experiment or building the paper?
14. p. 372, 1<sup>st</sup> full ¶: steps were needed to make the system more realistic for the organisms. How many lab experiments get here?
15. What future research did this 1958 work anticipate?