05/04/2020

Started off my bachelor project by reading literature and writing up the first version of my model (awaiting feedback).

12/04/2020

Spent this week going through the literature to prepare for writing the research proposal, highlighted everything I might want to use. Forgot to attach document containing my model in the mail last week so sent it again. Also started writing my proposal (B.2.1 Research topic).

19/04/2020

Proposal is starting to come together nicely. B.2 is mostly done. B.2.3 (Embedding) still to do, because it’s kind of confusing. Now just have to write my summary and abstract, and my data management plan.

26/04/2020

Got the feedback on my model, had not noticed I had my predators paying maintenance costs twice so I took a look at it again. Model should be correct now. Asked for some help regarding the embedding bit of B.2 and the storage of data after completion of the project. Not yet sure how public repositories on GitHub/Bitbucket work yet, but I will figure that out later. Finished up my proposal and sent it out for feedback.

03/05/2020

Got the feedback on my proposal. Again some feedback on the model (specifically the model incorporating adult and juvenile parasitism), made some changes to it again. Added a paragraph to explain the aim of my study to the Research topic part of the proposal. Turned in the final version of my proposal on canvas. Also did the bifurcations of the adult parasitism model without predation.

10/05/2020

Did the bifurcations of the juvenile parasitism model without predation. Added anorexia to my four models. Had trouble focussing, not a very productive week.

17/05/2020

Had a very productive week. Started off with the bifurcations of all four models incorporating anorexia and also did the bifurcations of the adult parasitism model with predation. Had a talk with André in which he explained how to make graphs in R. We also decided to look at an unstructured model for comparison.

24/05/2020

Apparently I missed some information and put André as my assessor and examiner which is not allowed. André has asked Hal Caswell to be my examiner. Did the bifurcations of the unstructured model this week. I also made nice separated out R graphs for the bifurcations of the adult model without predation and the juvenile model without predation.

31/05/2020

Made some R graphs for the bifurcations of the adult model with predation and the juvenile model with predation. Had not done the bifurcations for the juvenile model with predation at all yet so saved both the DeBif graphs and the R graphs.

07/06/2020

Finished up my R graphs of the adult model with predation and the juvenile model with predation, also saved the DeBif graphs of the juvenile model with predation. Made an excel file in with all graphs for interpretation and another file with graphs I think might be best to use in my report (got way too many, so definitely cannot use them all). Started writing the materials and methods section of my report.

14/06/2020

Held a minipresentation showing off my most interesting results to the zoom group. Some really nice feedback for the actual presentation. Got some help from André regarding the calculations of a branching point (that technically isn’t a branching point which is why DeBif can’t follow it in a 2 parameter plot) so that I can make a complete 2-parameter graph of the interesting energetic costs bifurcation showing bistability in the juvenile model with predation. Finished up the first draft of my report and sent it to André for feedback.

21/06/2020

Got the feedback on my report. Quite a bit still to do (especially in the discussion as I already expected). Finished up the materials and methods and the results section this week, but still stuck on the discussion. Also too nervous for the presentation by now to focus much on it. Have also made my powerpoint presentation and am practicing my presentation regularly.

28/06/2020

Prensentation went well. Was really inspired after it and wrote my discussion the same day. Wanted to sent it to André that night but something went wrong so sent it Friday night for feedback. Spent the weekend figuring out how to set up my repository in GitHub. All should be pretty much finished now.

03/07/2020

Decided not to wait till Sunday to write this, considering I finished everything up today. Quite happy we had some extra time to turn in our reports due to covid, seeing as I finished the final version today. Got the feedback yesterday, so I worked that into my final report. Will be sending it in soon.