

## Ecological Archives E091-209-A1

Florian Altermatt and Dieter Ebert. 2010. Populations in small, ephemeral habitat patches may drive dynamics in a *Daphnia magna* metapopulation. *Ecology* 91:2975–2982.

Appendix A. Figures showing predicted annual hydroperiod length and desiccation events relative to pool volume..

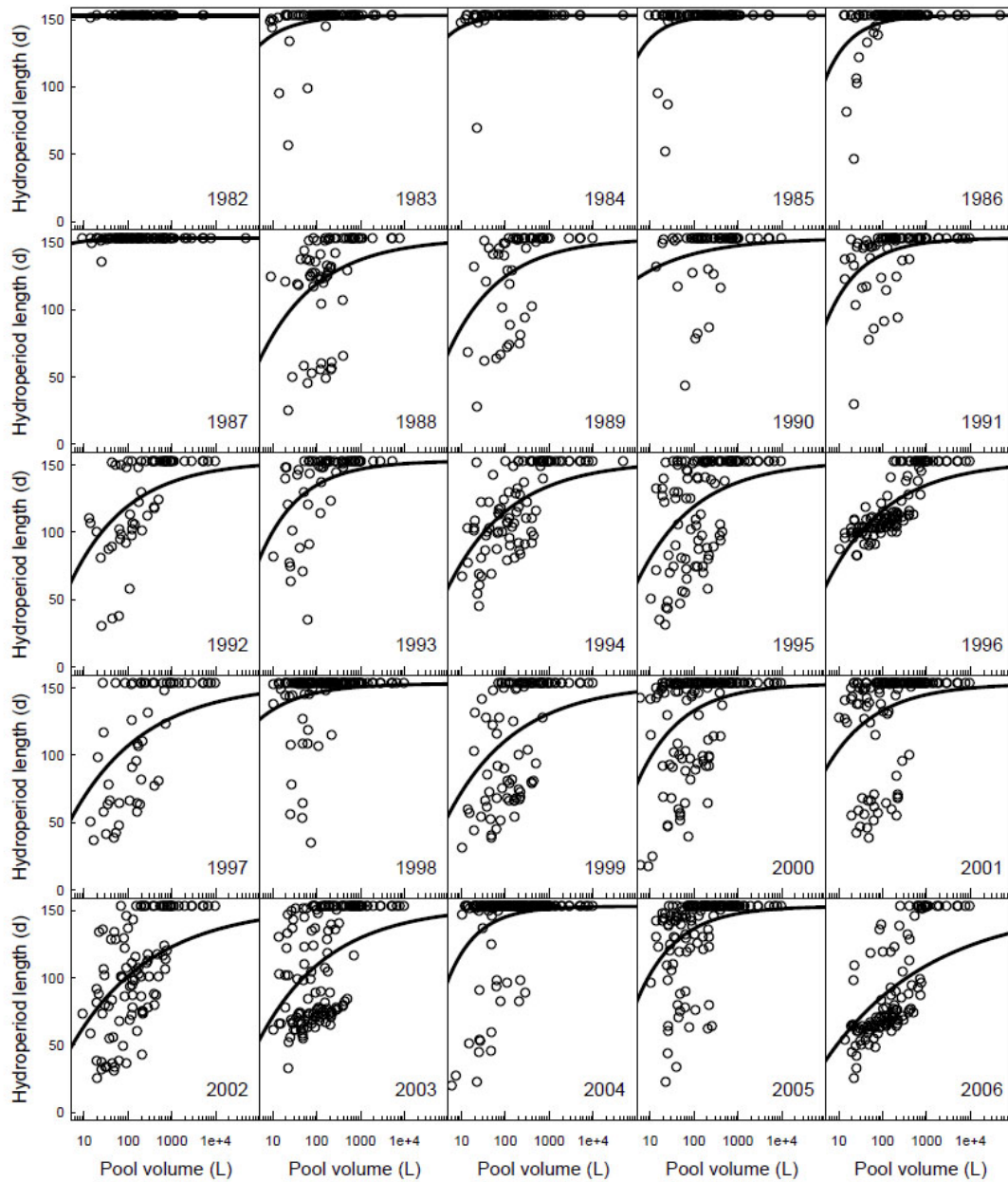


FIG. A1. Predicted yearly hydroperiod length (days) relative to pool volume for the period from May to September. For every year, nonlinear least square fits were calculated based on all inhabited pools. These yearly curves were used to adjust the production of ephippia with the hydroperiod length in pools of a give volume (Fig. 2c).

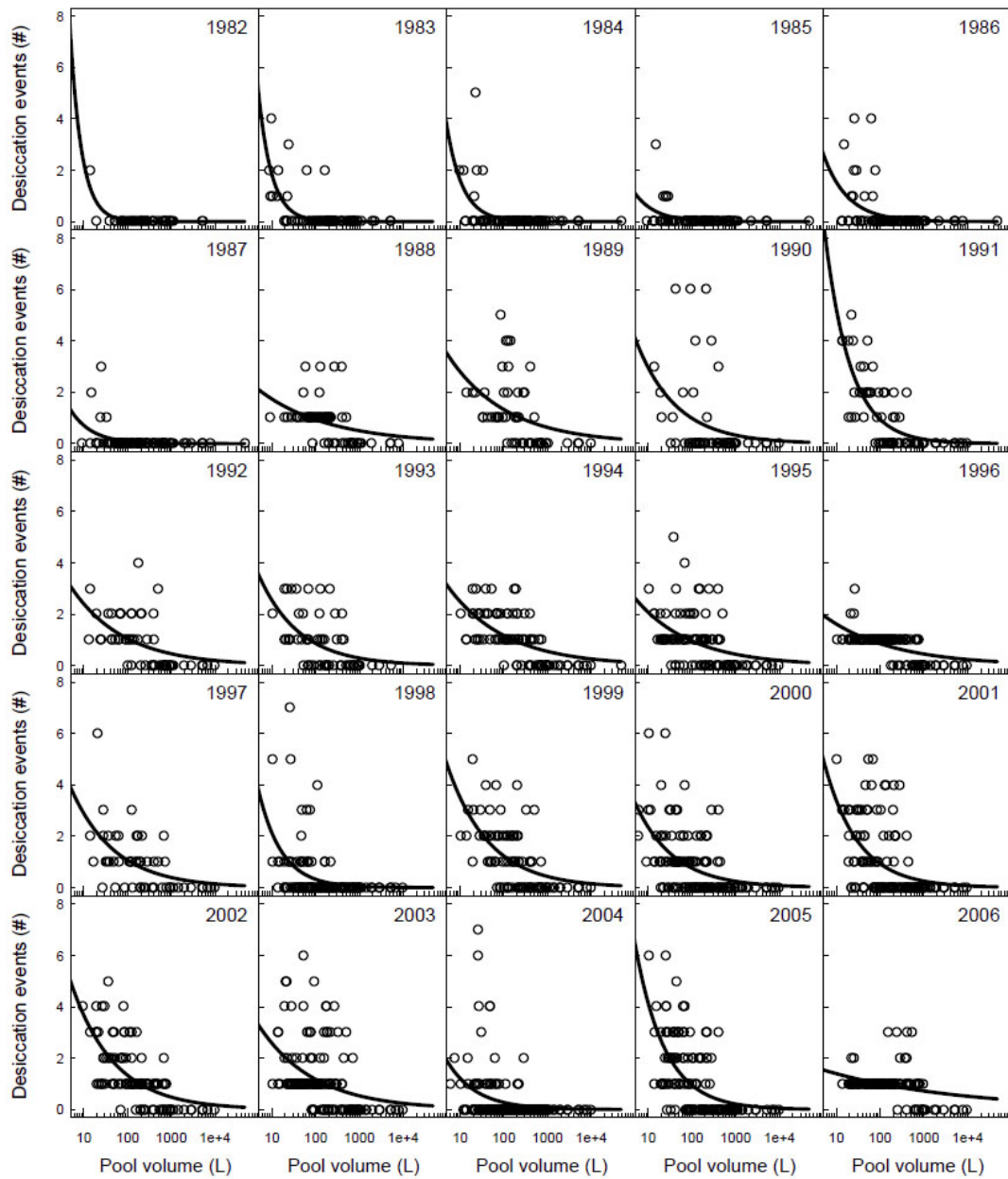


FIG. A2. Predicted yearly number of desiccation events relative to pool volume. For every year, nonlinear least square fits were calculated based on all inhabited pools. These yearly curves were used to calculate the percental contribution to the exposed ephippia.

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