

### ACCEPTED PAPERS, MEDIA & OUTREACH

- Hihi used as a worked example in this paper just accepted in Conservation Biology...  
**Ewen, J.G., Walker, L., Canessa, S. & Groombridge, J.J. (2014) Improving supplementary feeding in species conservation. Conservation Biology (in press)**

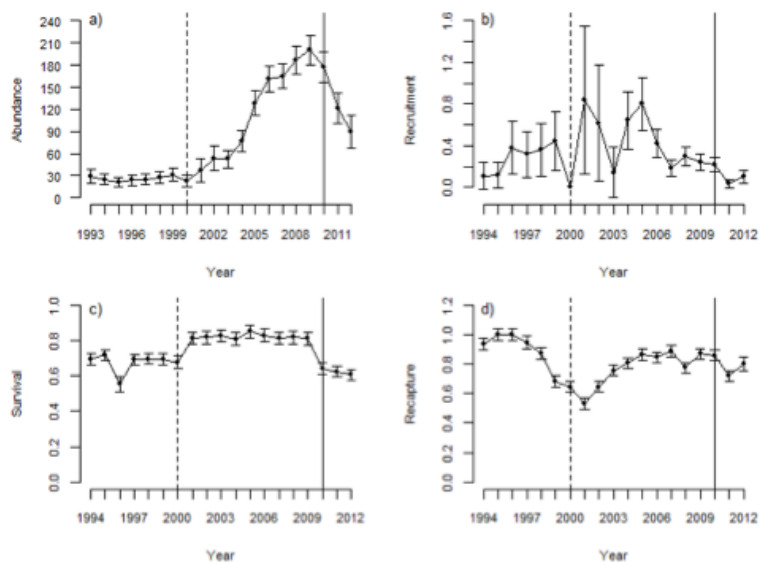
### PRESENTATIONS, VISITS & NEWS *conference presentations, visits to and from group members etc*

- Congratulations to **David** who has been offered a PHD scholarship in Quebec, Canada.
- **Donal** is hoping to return to New Zealand for more work with hihi.
- **Lydia** is organising to return to Maungatautari to survey the hihi population.
- **Kate** is working on her second PHD thesis chapter on hihi personality.
- **Victoria** and **Rose** are firming up plans for a first PHD field visit in early September

### FEATURE STORY: Aims of David's second manuscript from his MSc thesis.

#### Unexpectedly high population declines following a reduction in food supplementation of a free living threatened bird.

The aim of this study was to assess how the reduction in supplementary feeding is impacting the demography of the hihi population on Kapiti Island. We expected that the proportional consumption of the available supplemented food would be higher during the new, more restricted feeding regime (H1) and that hihi population abundance, survival and recruitment would decrease with less food supplementation (H2). We tested our hypotheses using detailed sugar water consumption records and demographic modelling of the population using breeding and resighting records.



**Abundance, recruitment, survival and recapture rates of the hihi population on Kapiti Island.** Abundance (a) and recruitment (b) were estimated by the POPAN averaged model and survival (c) and recapture (d) rates were estimated by the CJS averaged model using RMark. Vertical lines represent the beginning of the first full year under the *Ad libitum* (dashed) and the Food Cap (solid) feeding regimes. Error bars represent standard errors

### FUNDING *our major funders and new funding news*

#### CURRENT AND PAST FUNDING – thank you!

+ British Research Council + Royal Society + Leverhulme Trust + Department of Conservation + AXA-fund + NERC + SoTM + ASAB + Massey University + NZ Safety Ltd.

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