Figure captions

Fig. 1. Arthropod biomass among the ten sampled host-plant species (1a) and pooled comparison between native and non-native plant groups (1b). Biomass is reported as total wet mass collected from branches with bird-bag exclusion treatment. Mean ± SE is plotted, with levels of significance illustrated for native versus non-native plant groups using grouped, planned contrasts. P-values for plant species and plant group effects shown in Table S2.

Fig. 2. Effect size of bird exclusion treatment among ten sampled host-plant species (2a) and pooled comparison between native and non-native plant groups (2b). Bird exclusion effect size reported as Log-Response Ratios (LRR), in which positive values >0 indicate a significant reduction in arthropod abundance in response to bird predation. Mean ± SE is plotted, with levels of significance illustrated for native versus non-native plant groups using grouped, planned contrasts. P-values for plant species and plant group effects shown in Table S3.

Fig. 3. Effects of bird-bag exclusion treatment under the context of native versus non-native host-plant groups. Mean ± SE is plotted and points within each panel without shared letters are significantly different from each other (Scheffe’s test for pairwise comparisons). Each panel indicates the response of a single taxonomic group and changes in abundance: 3a. Araneae (true spiders), 3b. Hemiptera (herbivorous true bug families), 3c. Lepidoptera (caterpillars), and 3d. Orthoptera (tree crickets and katydids). P-values for bird-bag exclusion treatments and plant group effects shown in Table S4.

Fig. 4. Total % Nitrogen for insect herbivores (4a & 4b) and true spiders (4c & 4d) among ten host-plant species and pooled comparisons between native and non-native plant groups. Nitrogen content is measured as the total molecular mass of elemental nitrogen relative to total mass of a single sample from an experimental host-plant branch. Mean ± SE is plotted with levels of significance illustrated for native versus non-native plant groups using grouped, planned contrasts. P-values for host-plant species and plant group effects shown in Table S5.

Fig. 1.

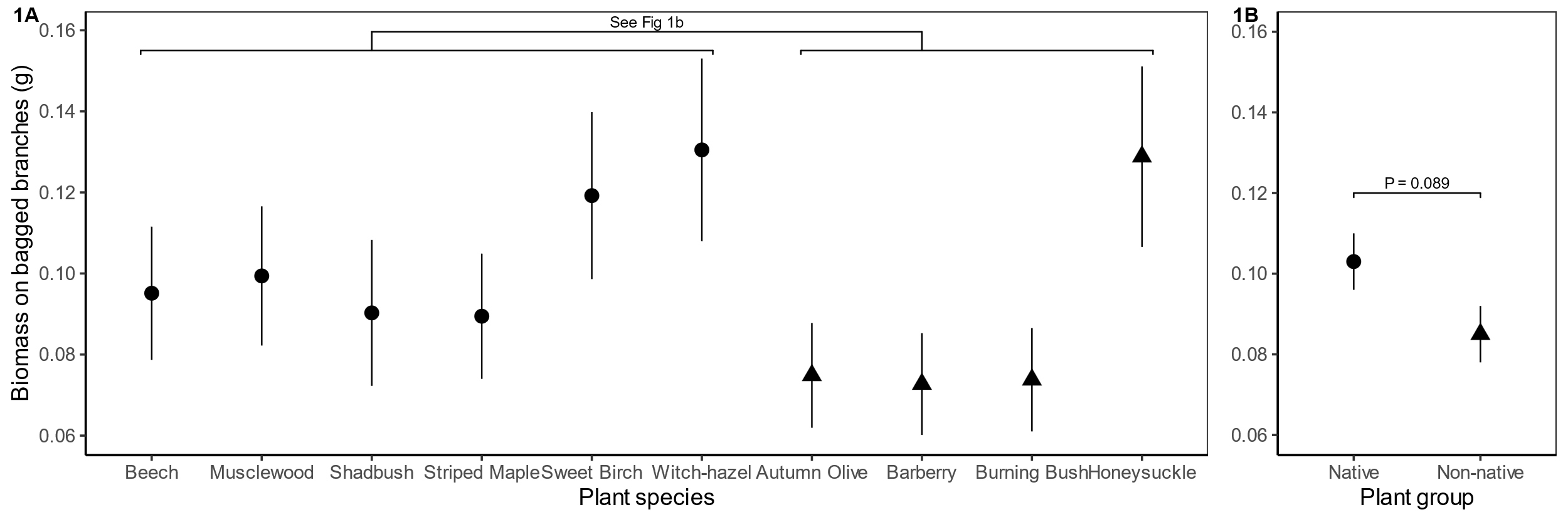


Fig 2.

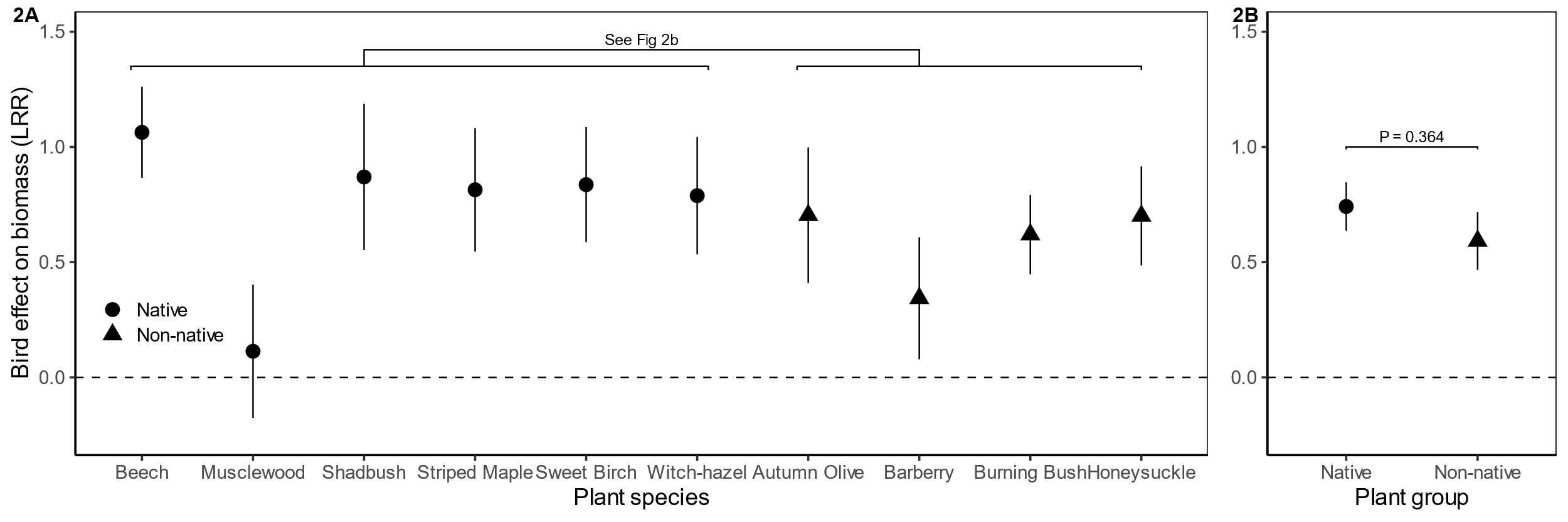


Fig 3.

Chart, diagram

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Fig 4.

