BINGHAMTON UNIVERSITY STATE UNIVERSITY OF NEW YORK

Key results

- Height affects the dispersal of top, but not bottom, communities
- Plants on rock walls are colonized mostly from the bottom
- Wind and bird dispersed plants are most dominantly found on the walls
- Plants on rock walls, especially faces, form a unique community



Sampling Sites Redwood North Creek Little Falls Phoenicia/ New Paltz Suffern This work was funded by the Summer

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Plant community assembly dynamics on rock walls: the role of environmental filtering and dispersal syndrome Alison Kryger and Eliza Grames





(green) vs top (brown) communities.

Figure 1: Community dissimilarity of plants found on rock walls to the bottom (green) and top (brown) plant communities over height.

Figure 3. Dispersal type for plants across communities.



Figure 4. Dispersal type for plants found *only* in wall microfeatures.