



e-Xtra Figure 1. Mean number of powdery mildew lesions formed by isolates of *Podosphaera macularis* on cultivar 'Cascade'. Isolates HPM-915 and HPM-916 were collected in North Carolina and isolate HPM-333 was collected in Oregon. Means followed by the same letter are not significantly different based on a general linear mixed model ($P = 0.0115$). The significant increase in number of lesions by the isolates from North Carolina, as compared to isolate HPM-333, is characteristic of isolates of *P. macularis* with a specific adaptation to Cascade.