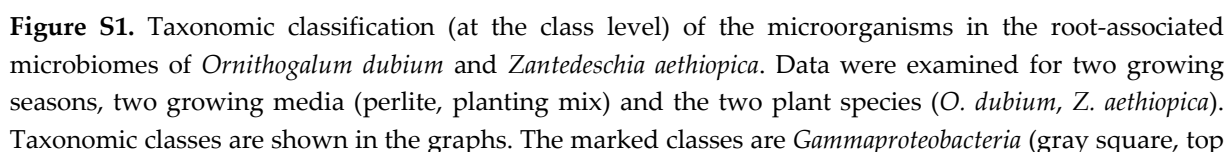


Root-associated microbiomes, growth and health of ornamental geophytes treated with commercial plant growth-promoting products

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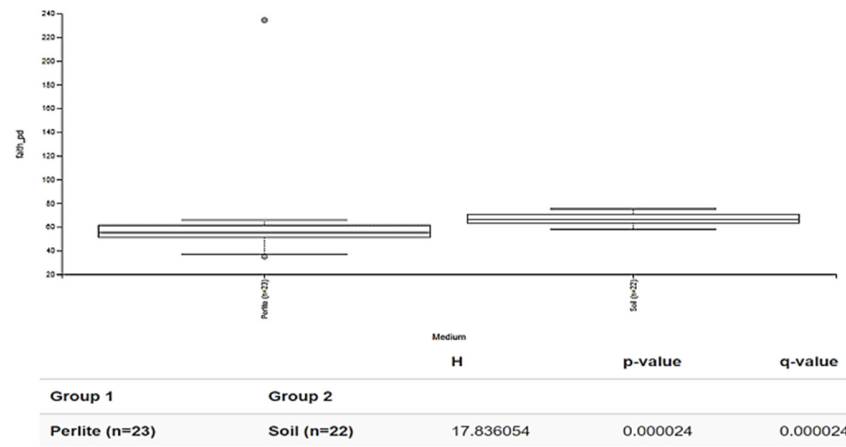
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frame) to which *Pectobacterium* belongs, *Bacilli* (deep blue square, middle frame) to which the *Bacillus* spp. found in the Ecosense and Rhizoctol treatments belong, and unassigned sequences (light blue, bottom frame).

A.



B.

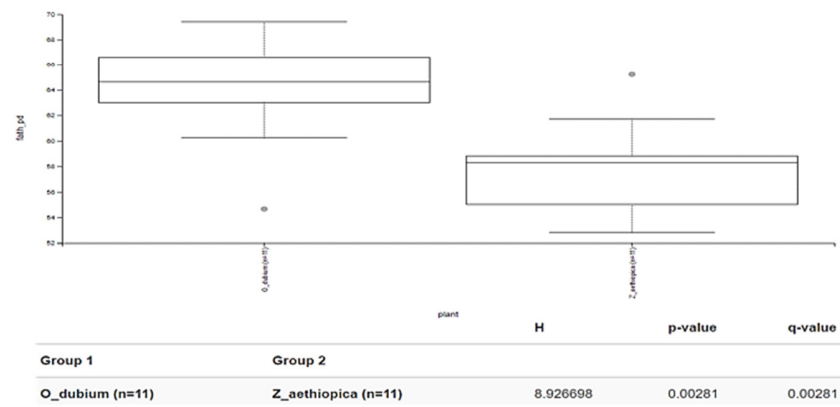


Figure S2. Microbial population dynamics by growing medium and plant species. A Faith PD test was used to compare the bacterial populations in the root-associated environment of two different geophyte species subjected to the different growth-promoting treatments: (A) growing medium and (B) plant species. Data analysis was performed using variance analysis (PERMANOVA; $p \leq 0.0001$).

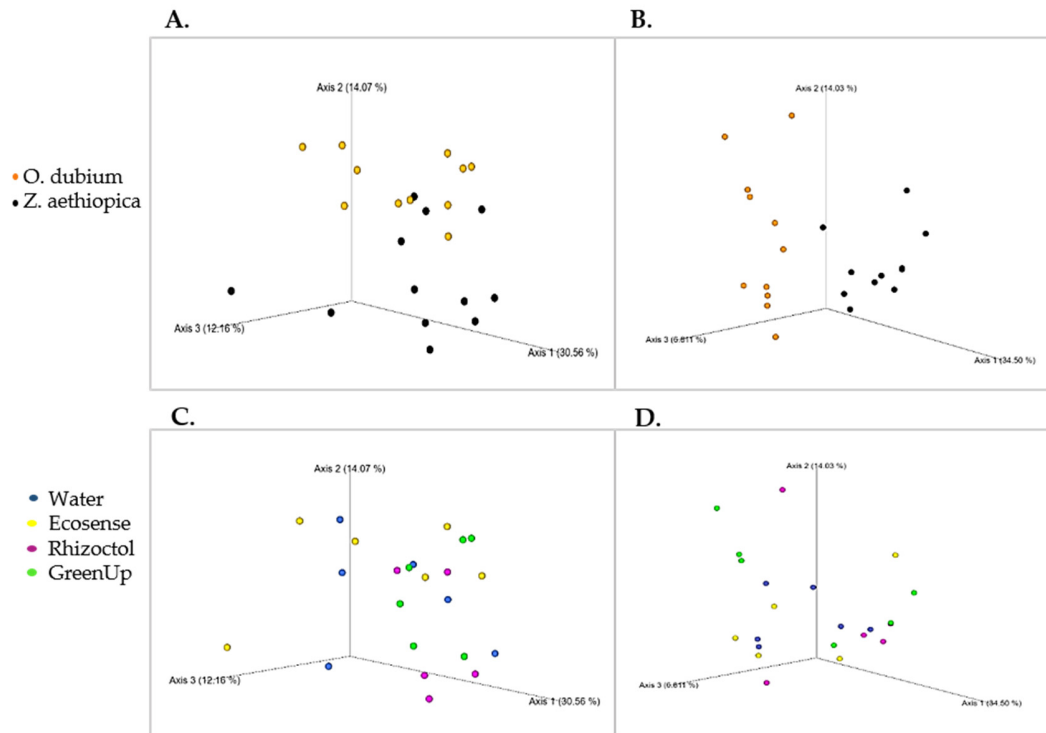


Figure S3. Principal-coordinate analysis (PCoA) plots of weighted Unifrac distance metrics of bacterial populations surrounding the roots of *Ornithogalum dubium* and *Zantedeschia aethiopica*. Data from different years were analyzed separately. (A) Plant species in the perlite: *O. dubium* in orange, *Z. aethiopica* in black. (B) Plant species in the planting mix medium: *O. dubium* in orange, *Z. aethiopica* in black. (C) Growth-promoting treatments in the perlite: water (control; blue), Ecosense (yellow), Rhizoctol (purple) and GreenUp (green). (D) Growth-promoting treatments in the planting mix: water (control; blue), Ecosense (yellow), Rhizoctol (purple) and GreenUp (green). Each data point represents sequences from a single soil sample; each plot includes all of the samples collected during that growing season.