*Supplemental Material*. For supplementary material accompanying this article, visit

Supplemental Figure 1. SEM image of archaeological Brassicaceae seed.

Supplemental Figure 2. SEM images of archaeological Cactaceae seed (left) and *Opuntia* sp. seed (right).

Supplemental Figure 3. SEM image of archaeological Cyperaceae seed Type #1(left) and Type #2 (right).

Supplemental Figure 4. SEM image of archaeological Fabaceae seed.

Supplemental Figure 5. SEM image of archaeological Malvaceae seed Type #1.

Supplemental Figure 6. SEM Image of Poaceae seed Type #1 (right) and Type #2 (left).

Supplemental Figure 7. SEM image of archaeological Poaceae seed Type #3 (left) and Type #4 (right).

Supplemental Figure 8. SEM image of fragmented archaeological Poaceae seed Type #5 (left) and *Piptochaetium* sp. seed (right).

Supplemental Figure 9. SEM of archaeological *Verbena* sp. seed dorsal side (left) and ventral side (right).

Supplemental Figure 10. SEM image of charred archaeological parenchyma.