

Sporopollenin capsules as biomimetic templates for the synthesis of hydroxyapatite and calcium phosphate.

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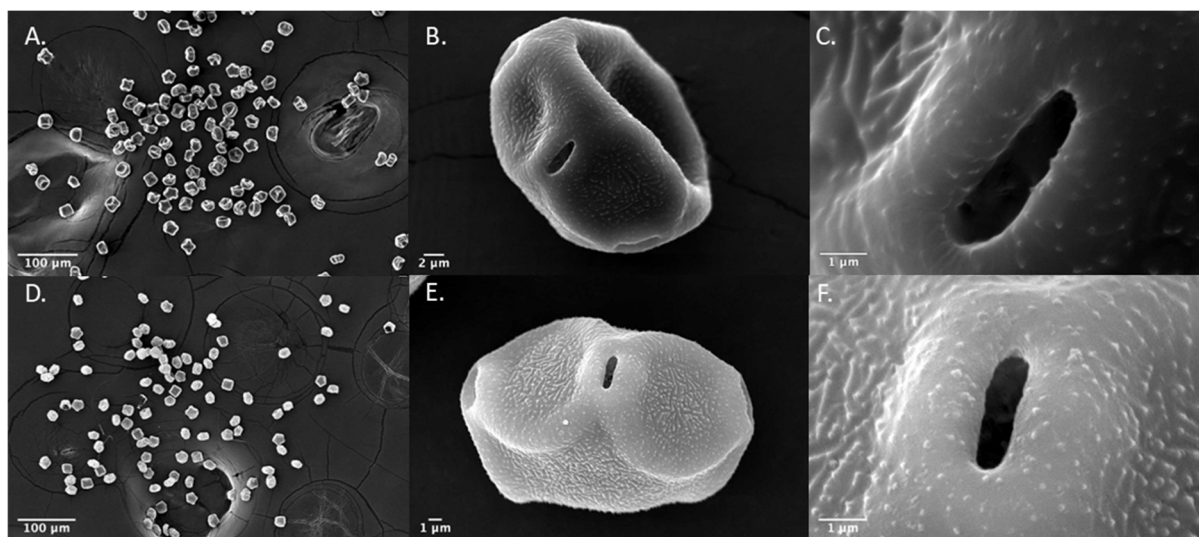


Figure S1. SEM images of alder pollen grains before (A-C) and after (D-F) acid washing.

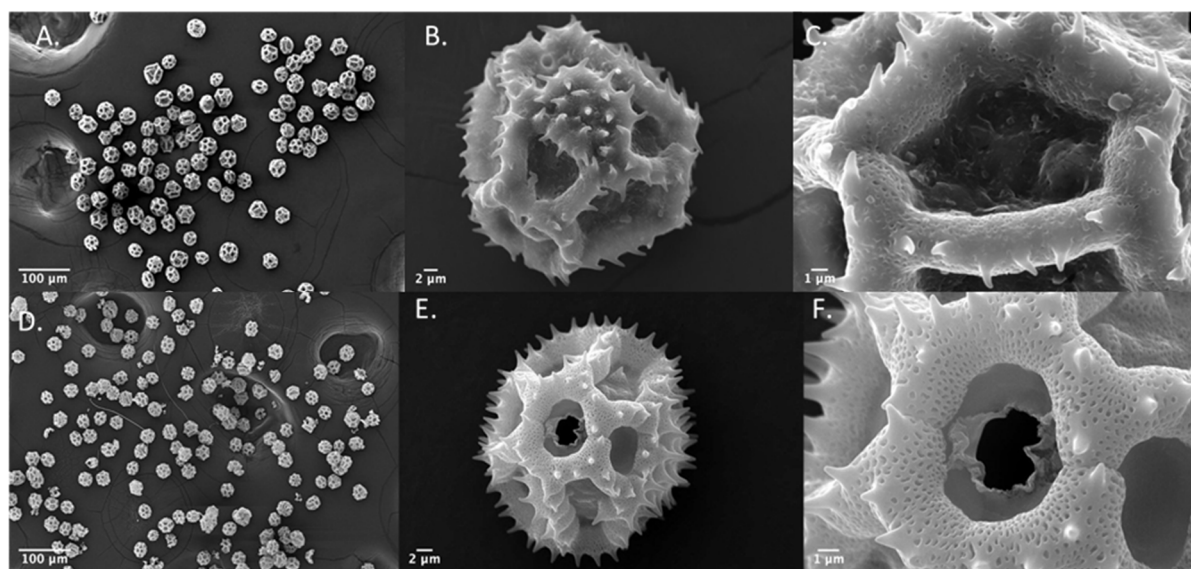


Figure S2. SEM images of dandelion pollen before (A-C) and after acid treatment (D-F).

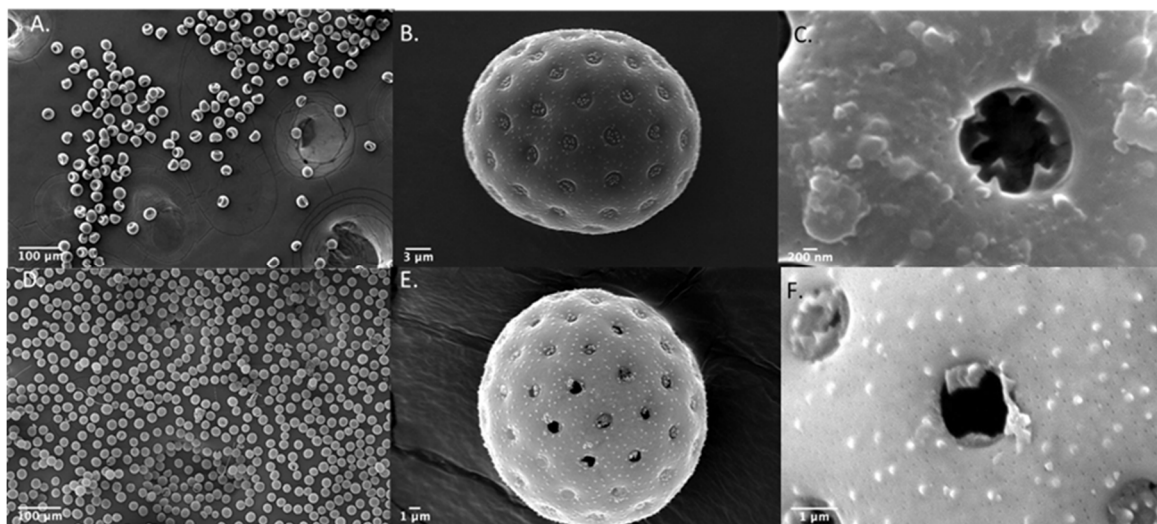


Figure S3. SEM images of lamb's quarters pollen before (A-C) and after acid washing (D-F).

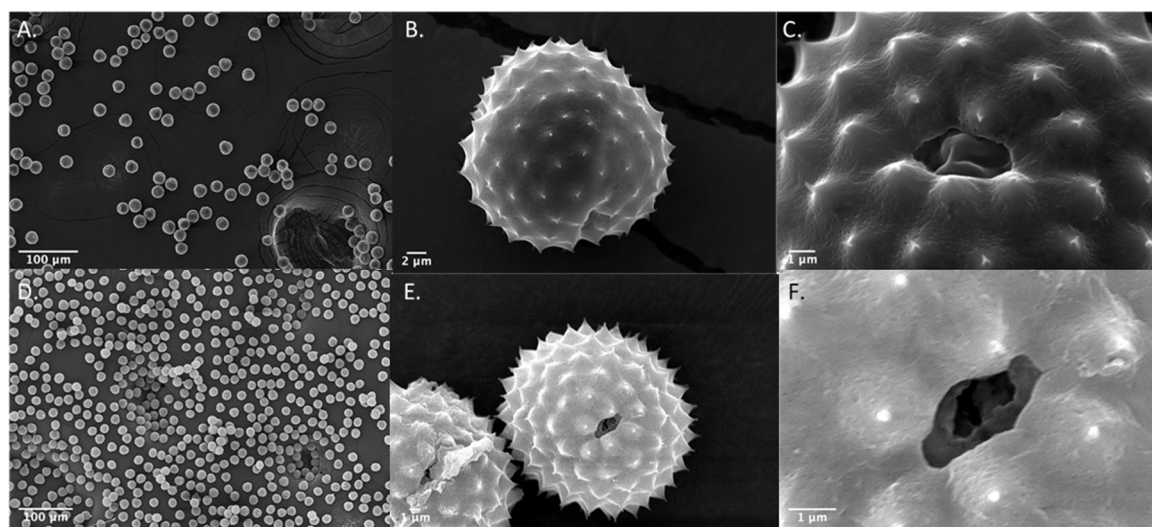


Figure S4. SEM photographs of ragweed pollen before (A-C) and after acid washing (D-F).

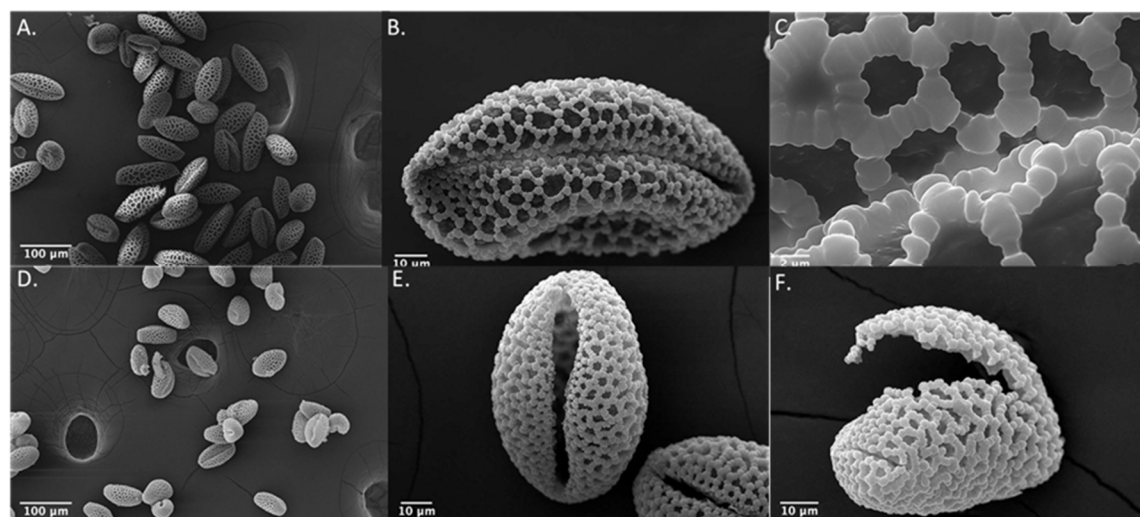


Figure S5. SEM photographs of stargazer lily grain before (A-C) and after (D-F) acid washing.

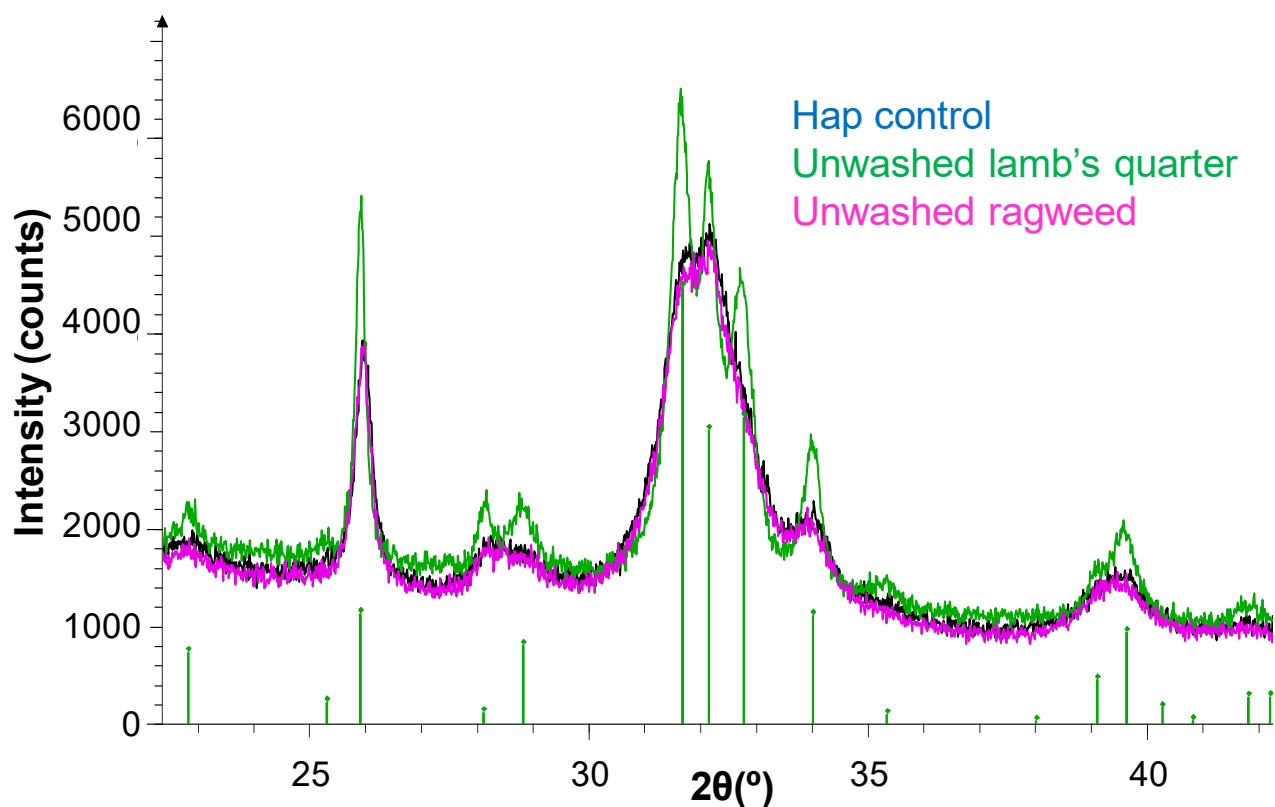


Figure S6 A. XRD patterns (2θ range 22.5-42.2°) of HAp control, unwashed lamb's quarter, and unwashed ragweed. Green bars: HAp (PDF N. 72-1243).

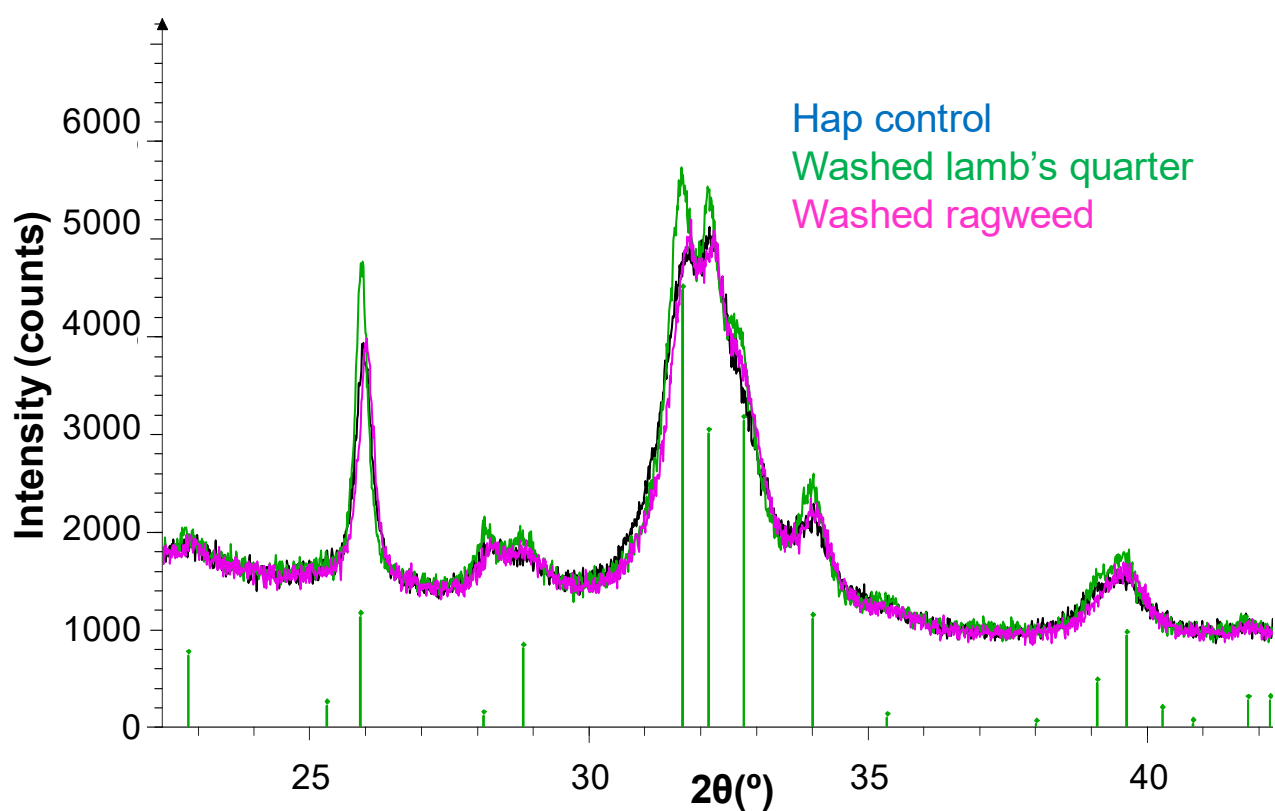


Figure S6 B. XRD patterns (2θ range 22.5-42.2°) of HAp control, washed lamb's quarter, and washed ragweed. Green bars: HAp (PDF N. 72-1243).

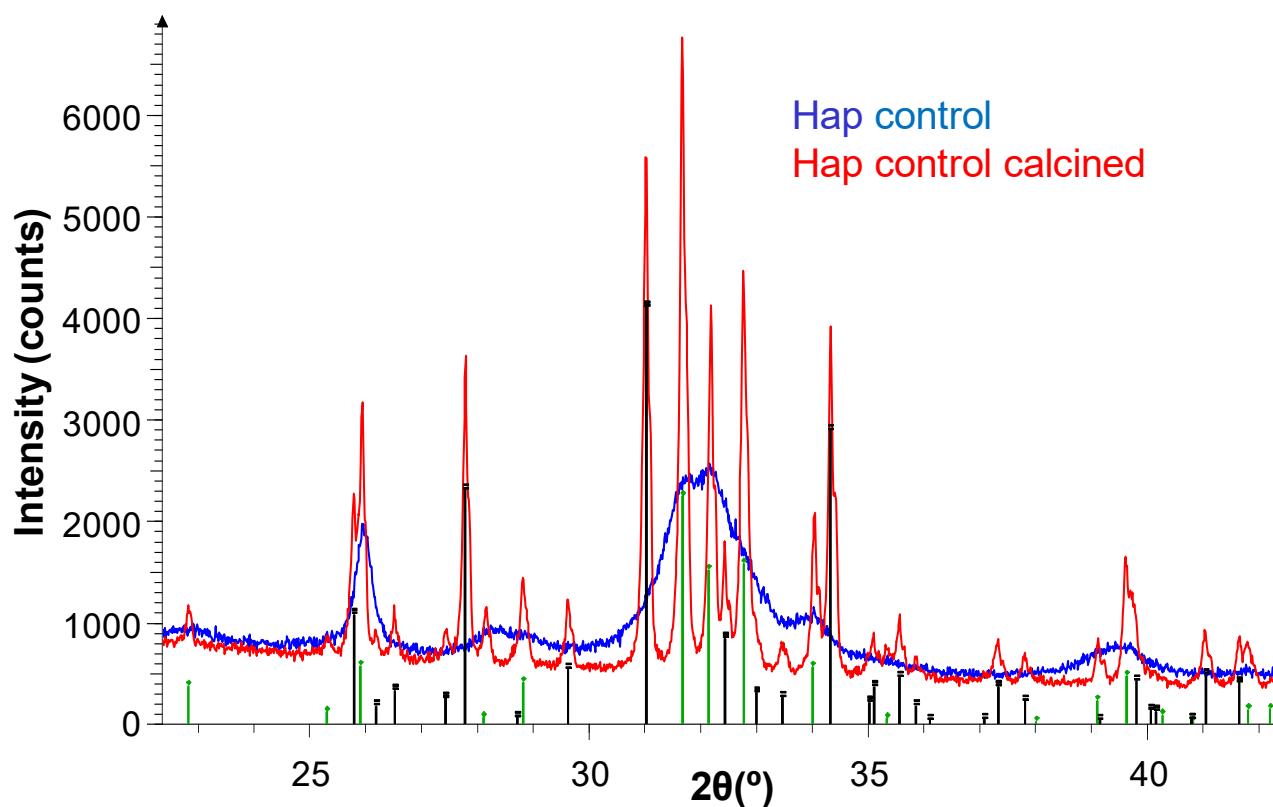


Figure S6 C. XRD patterns (2θ range 22.5–42.2°) of HAp control A) before and B) after calcination. Green bars: HAp (PDF N. 72-1243). Black bars: β -TCP (PDF N. 70-2065).

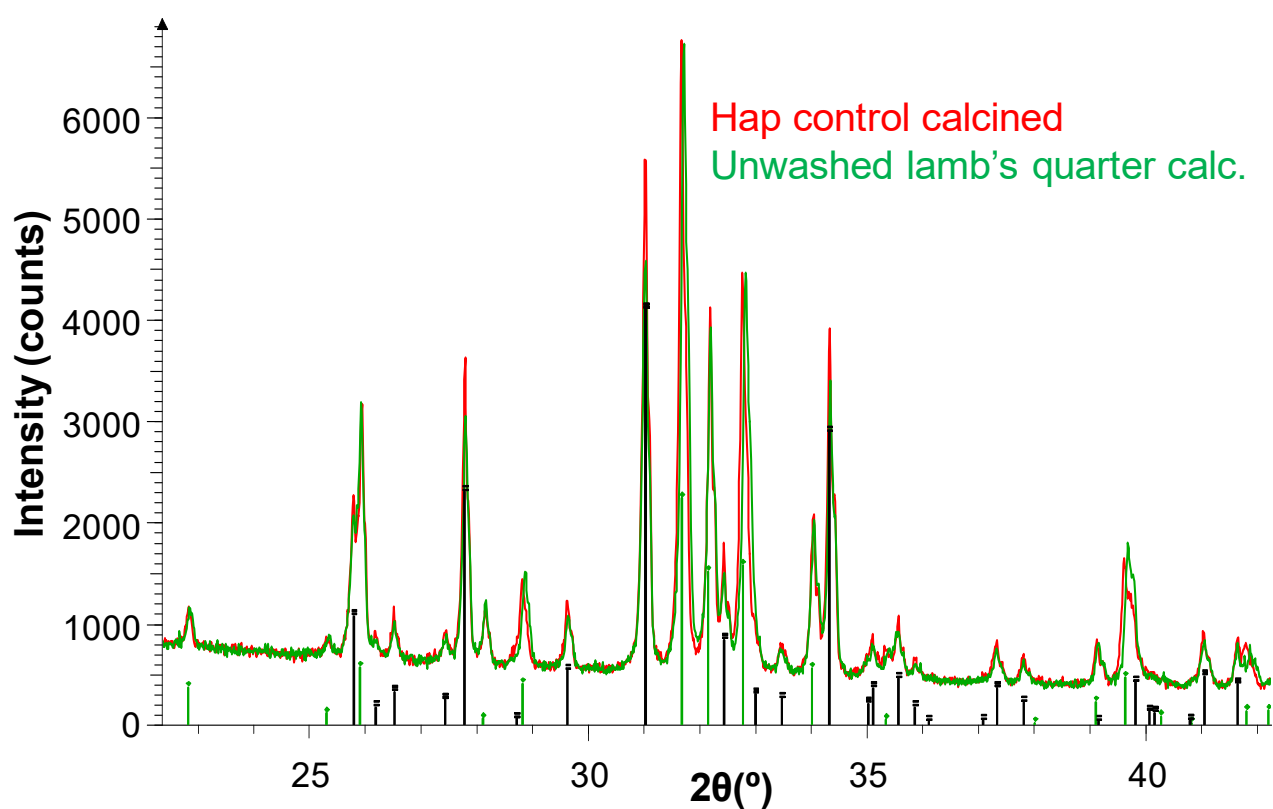


Figure S6 D. XRD patterns (2θ range 22.5–42.2°) of the HAp control and unwashed lamb's quarter samples after calcination. Green bars: HAp (PDF N. 72-1243). Black bars: β -TCP (PDF N. 70-2065).

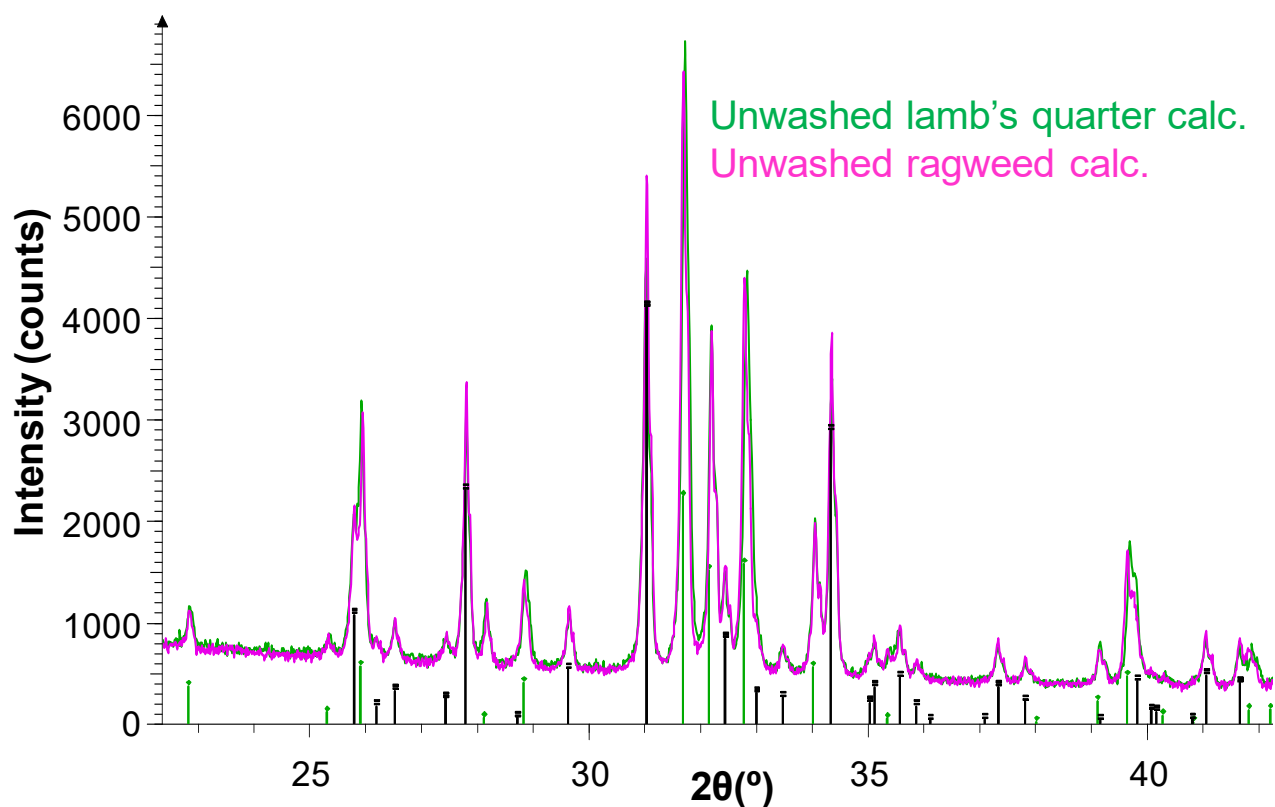


Figure S6 E. XRD patterns (2θ range 22.5-42.2°) of the unwashed lamb's quarter and ragweed samples after calcination. Green bars: HAp (PDF N. 72-1243). Black bars: β -TCP (PDF N. 70-2065).

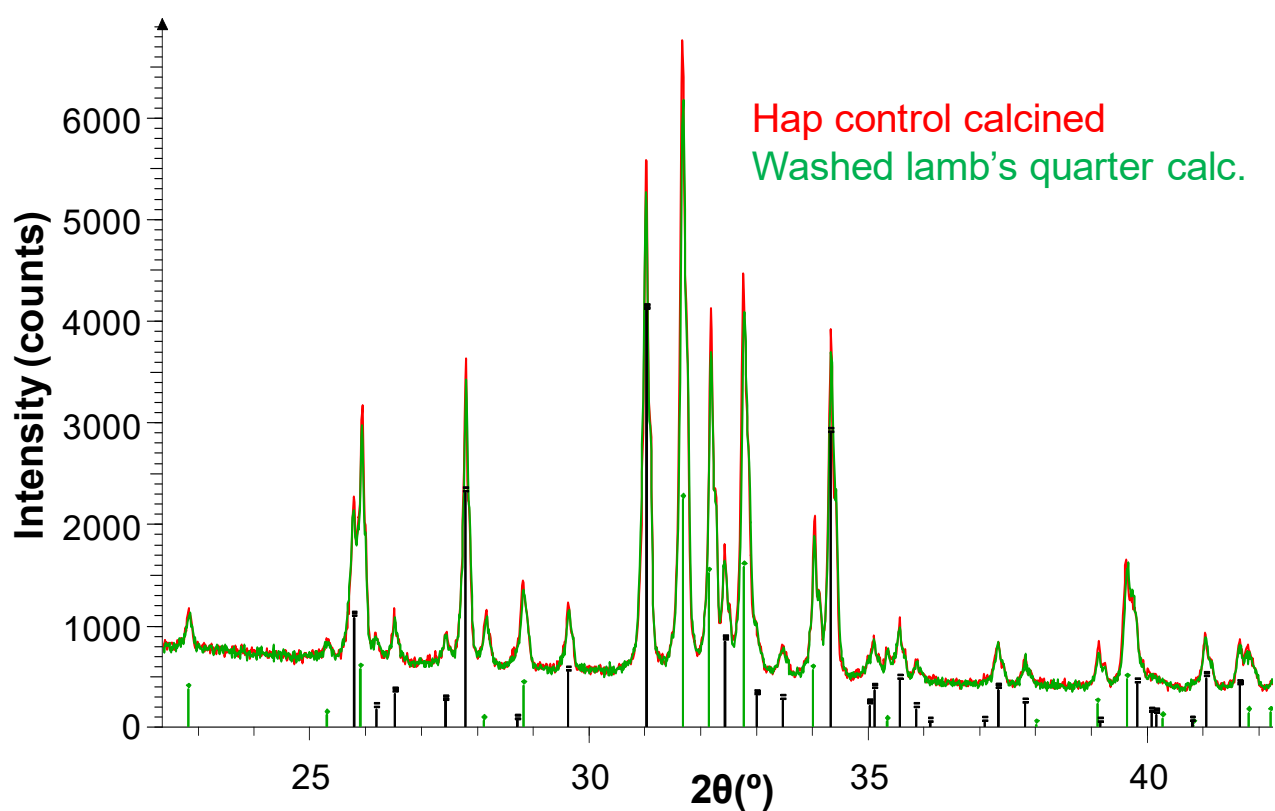


Figure S6 F. XRD patterns (2θ range 22.5-42.2°) of the HAp control and washed lamb's quarter samples after calcination. Green bars: HAp (PDF N. 72-1243). Black bars: β -TCP (PDF N. 70-2065).

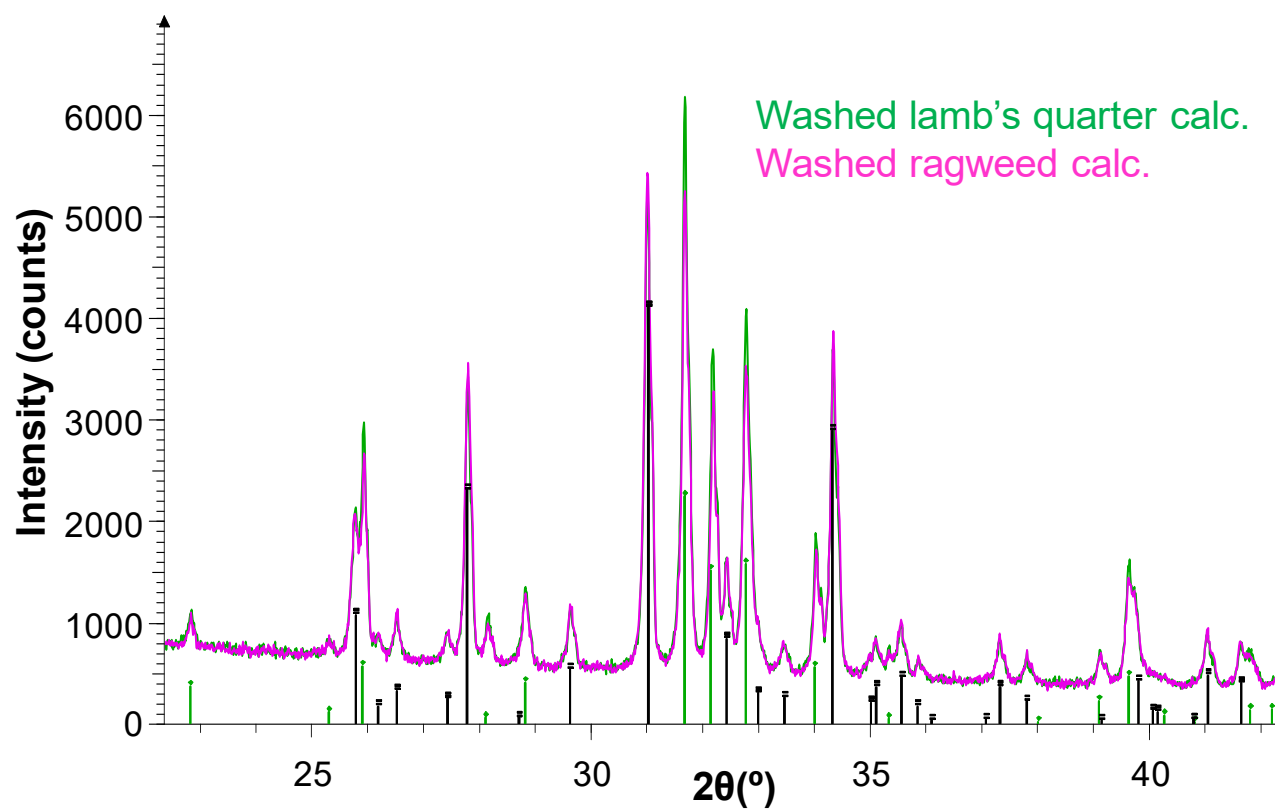


Figure S6 G. XRD patterns (2θ range 22.5-42.2°) of the washed lamb's quarter and ragweed samples after calcination. Green bars: HAp (PDF N. 72-1243). Black bars: β -TCP (PDF N. 70-2065).