

G&G Data Depository: Photomicrographs and FTIR and NMR spectra, to accompany: A. Abduriyim et al., “Characterization of ‘Green Amber’ with Infrared and Nuclear Magnetic Resonance Spectroscopy,” Fall 2009 *G&G*, pp. 158–177.

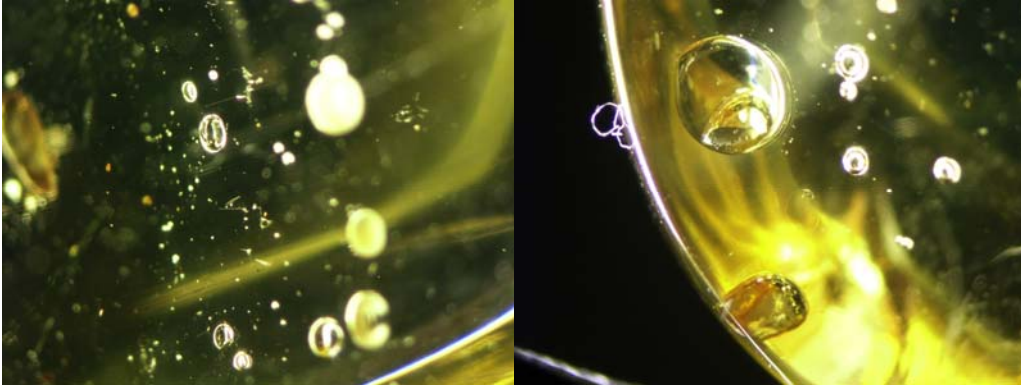


Figure DD-1. Gas bubbles are common inclusions in copal and amber. After the two-stage pressurized heating process, the gas bubbles became smaller and migrated closer to the surface, as shown in these two views of sample Bra-02. Photomicrographs by A. Abduriyim; magnified 25x.



Figure DD-2. “Sun spangles” were created through the one- and two-stage heating processes of copal and amber. These features are formed by cracks surrounding small air bubbles or other contamination.. Photomicrograph by A. Abduriyim; magnified 20x (sample TR-001).



Figure DD-3. This insect was present in Dominican treated green amber sample Dom-01H. Photomicrograph by A. Abduriyim; magnified 25x.