Biosphere 2 REU & Guests Poster Presentations
Host: Lia Crocker
Co-host: Kevin Bonine

9:00 AM
Brielle Martin
“Biosphere 2: leaf cooling capacity and gas exchange suggest high thermal tolerance amongst Theobroma cacao and Coffea arabica in the rainforest biome”

9:08 AM
J’Hrenara Rios
“Spiders, mites and springtails oh my! Signs of arthropod life on LEO responds to moisture”

9:16 AM
Hozhoo Emerson
“Creating a two-rain model to represent the CRQ project”

9:24 AM
Jordan
“Heat-stress response of wavy turban snails in a multi-year giant mesocosm”

9:32 AM
Luis Cortes
“Mineral weathering, soil formation and carbon sequestration as influenced by water flow and biota”

9:40 AM
Starlivia Kaska
“Storage-discharge relationships in saturated and unsaturated zones in the Landscape Evolution Observatory”

9:48 AM
Malena Lacque
“How does flooding effect methane emissions from rainforest tree stems?”

9:56 AM
Emily Launderville
“Carbon sequestration by alfalfa in basalt corrected arid agricultural soil”

10:04 AM
Dylan Moran
“I get by with a little help from all my falfas”

10:12 AM
Ingrid Aosved
“Effect of microbial colonization of basaltic sediment on alfalfa germination rates”
<table>
<thead>
<tr>
<th>Time</th>
<th>Name</th>
<th>Affiliation</th>
<th>Title</th>
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<tbody>
<tr>
<td>10:20 AM</td>
<td>Montserrat Icaza, B2 Guest</td>
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<td>“A comparison of acidity and sugar composition of vegetables under and agrovoltalics system vs direct sun”</td>
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<tr>
<td>10:28 AM</td>
<td>Liz Cruz, B2 Guest</td>
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<td>“Of alfalfa, basalt and carbon sequestration”</td>
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<td>10:36 AM</td>
<td>Alejandro Valencia, B2 Guest</td>
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<td>“Changes in semi-polar organic matter composition with increasing biological complexity as inferred by high resolution mass spectrometry”</td>
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<tr>
<td>10:52 AM</td>
<td>Ana Mireles, B2 Guest</td>
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<td>“Wavy turban snails record climate stress in their shell chemistry”</td>
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<tr>
<td>11:00 AM</td>
<td>Leslie Hinojosa, B2 Guest</td>
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<td>“Coping with high temperatures at the Biosphere 2 tropical rainforest: different plant strategies”</td>
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