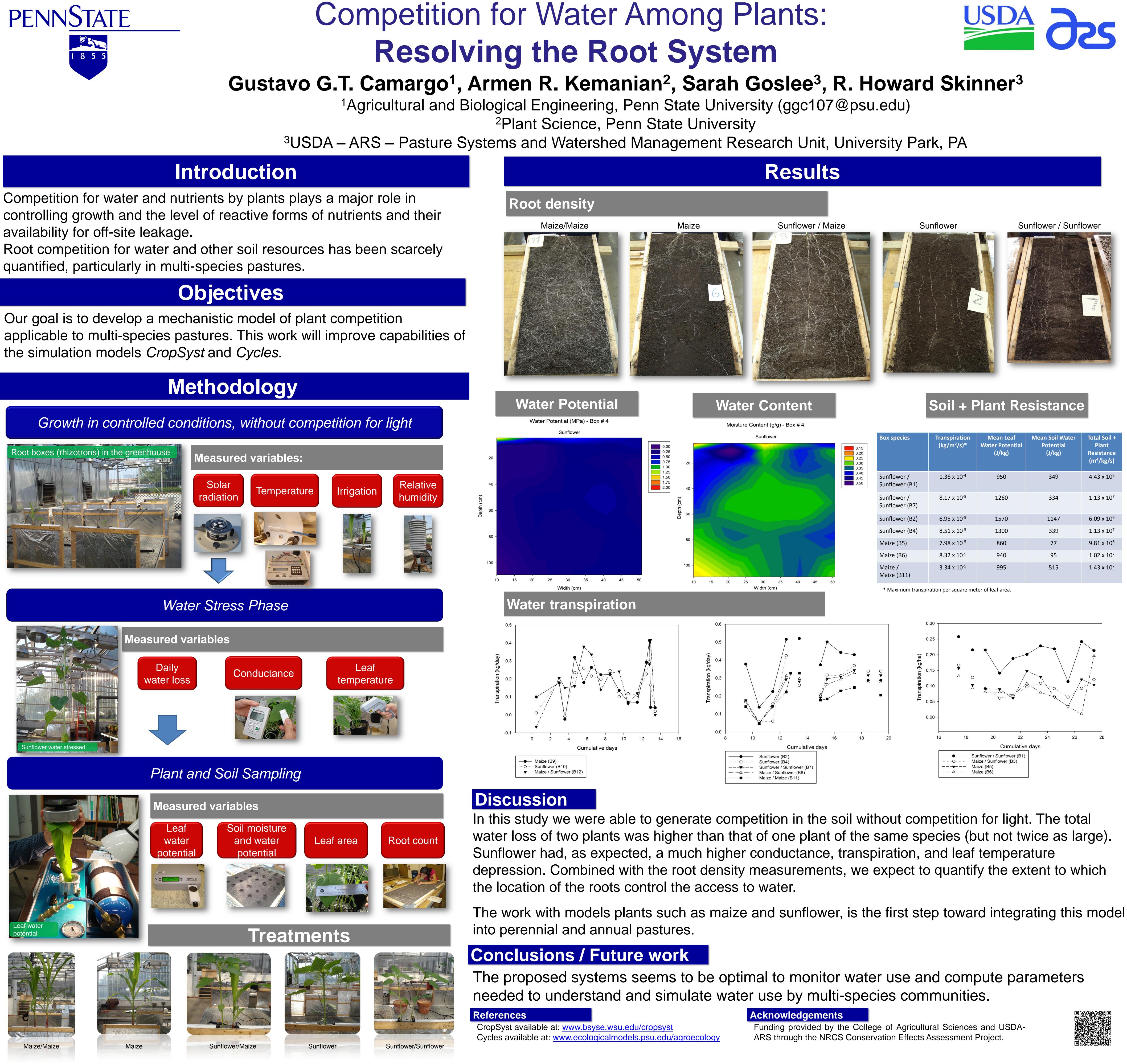
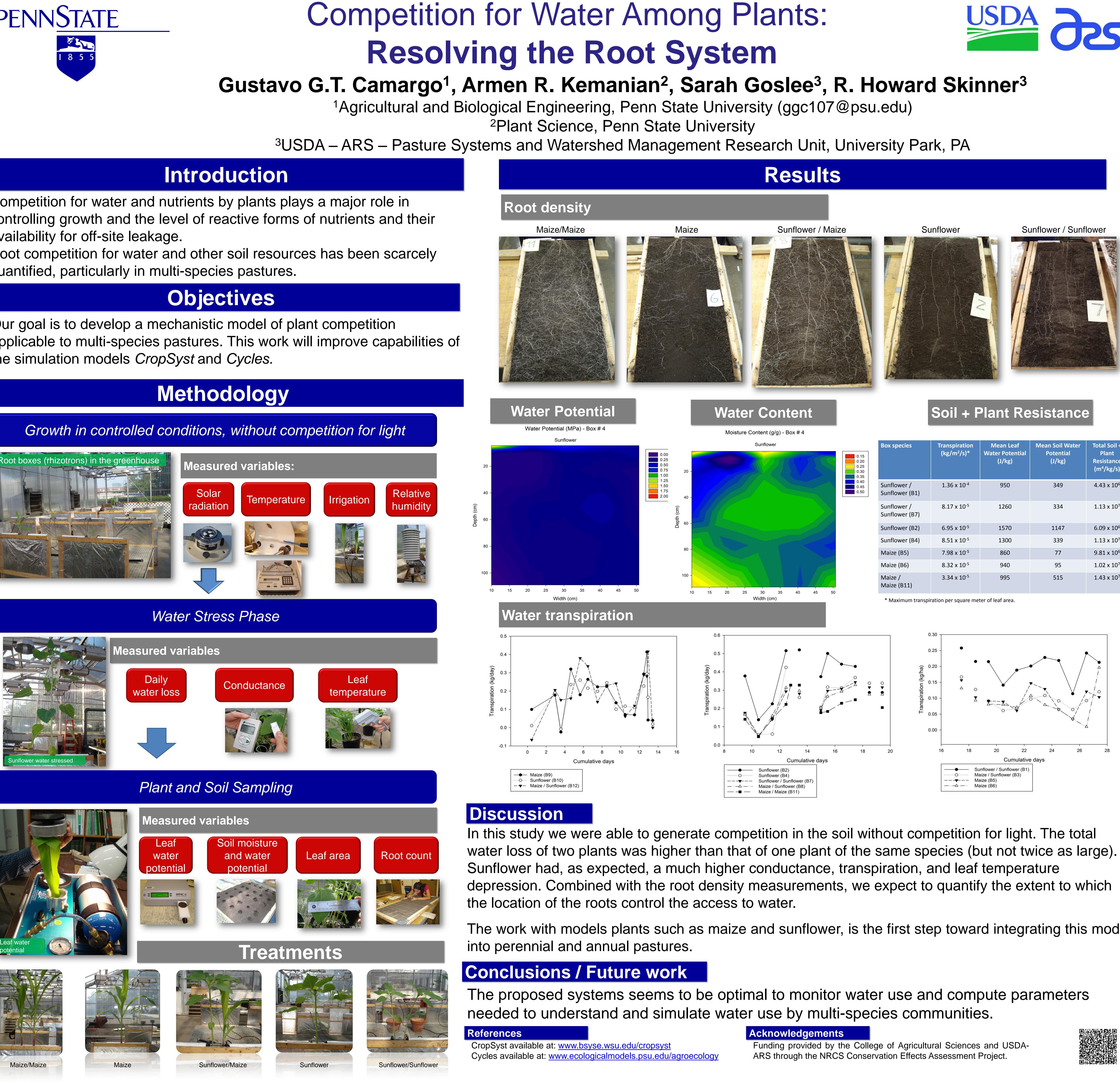


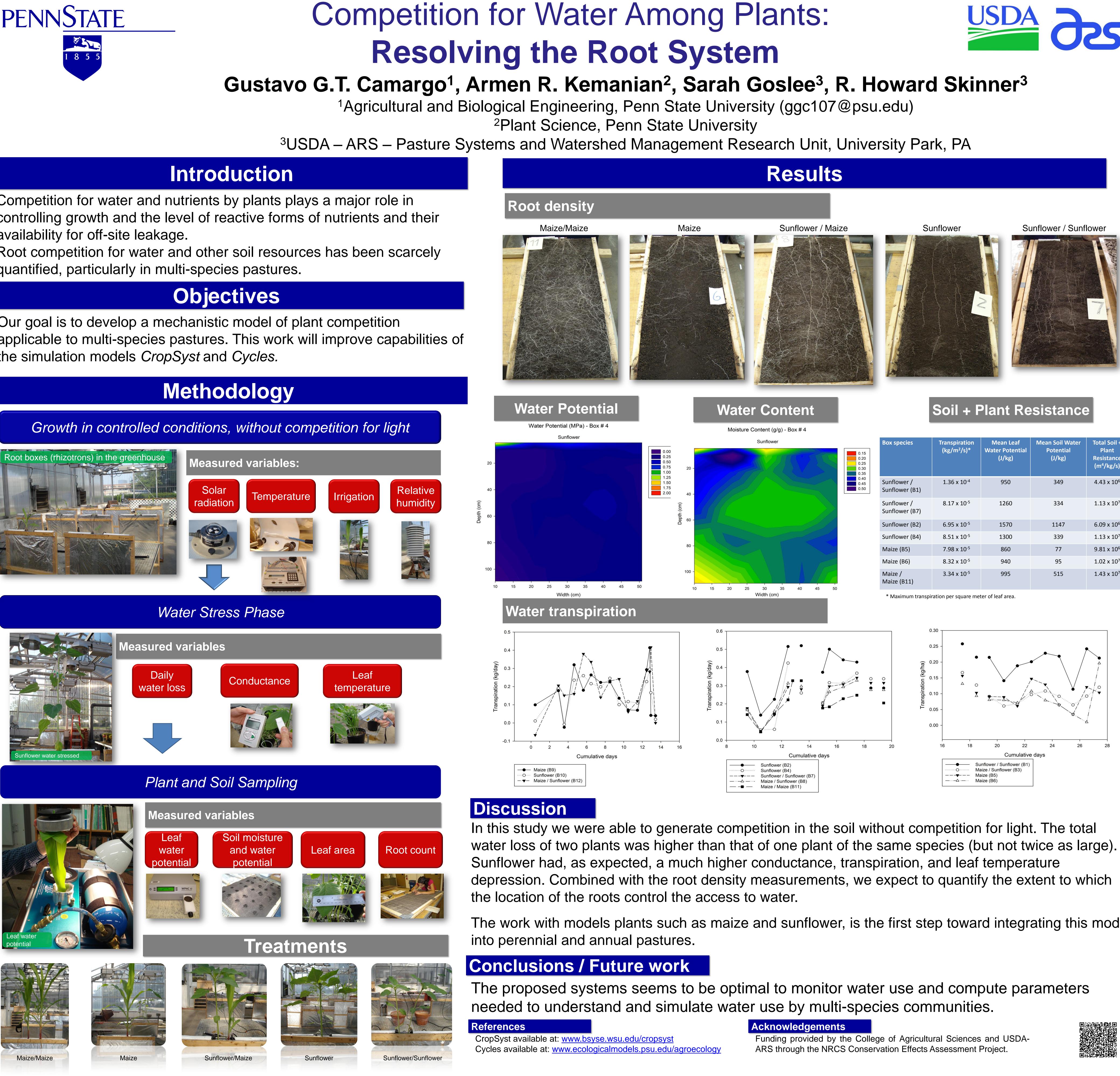
availability for off-site leakage.

quantified, particularly in multi-species pastures.

the simulation models *CropSyst* and *Cycles*.









| s/m²/s)*              | Water Potential<br>(J/kg) | Potential<br>(J/kg) | Plant<br>Resistance<br>(m <sup>4</sup> /kg/s) |
|-----------------------|---------------------------|---------------------|---|
| 36 x 10⁻⁴             | 950                       | 349                 | 4.43 x 10 <sup>6</sup>                        |
| l7 x 10⁻⁵             | 1260                      | 334                 | 1.13 x 10 <sup>7</sup>                        |
| 95 x 10⁻⁵             | 1570                      | 1147                | 6.09 x 10 <sup>6</sup>                        |
| 51 x 10 <sup>-5</sup> | 1300                      | 339                 | 1.13 x 10 <sup>7</sup>                        |
| 98 x 10 <sup>-5</sup> | 860                       | 77                  | 9.81 x 10 <sup>6</sup>                        |
| 32 x 10 <sup>-5</sup> | 940                       | 95                  | 1.02 x 10 <sup>7</sup>                        |
| 34 x 10 <sup>-5</sup> | 995                       | 515                 | 1.43 x 10 <sup>7</sup>                        |

|                       |  |  | _  |  |
|-----------------------|--|--|--|--|
| spiration<br>/m²/s)*  | Mean Leaf<br>Water Potential<br>(J/kg) | Mean Soil Water<br>Potential<br>(J/kg) | Total Soil +<br>Plant<br>Resistance<br>(m⁴/kg/s) |  |
| 36 x 10 <sup>-4</sup> | 950                                    | 349                                    | 4.43 x 10 <sup>6</sup>                           |  |
| .7 x 10 <sup>-5</sup> | 1260                                   | 334                                    | 1.13 x 10 <sup>7</sup>                           |  |