

## ***Suggestions for Further Research***

The following section is presented as a series of questions and suggested research options.

*Question 1:* Are the local *Anthidium dammersi* bees dependent on Lane Mountain milk-vetch? A) Are they foraging on other legumes within the Lane Mountain milk-vetch population boundaries? B) Are they foraging on *Phacelia* in areas where there is no milk-vetch?

Suggested course of action: A) Conduct observations on other legumes in the area, especially *Psoralea* and other *Astragalus* species. B) Conduct observations on *Phacelia* at sites within general area but in areas with no milk-vetch.

*Question 2:* Does *Anthidium dammersi* appear before or after milk-vetch starts flowering? If the bees appear before, then what are they visiting? Are the males setting up territories near milk-vetch plants before flowering starts, or do they wait until after there are some flowers?

Suggested course of action: Before milk-vetch flowering commences, conduct observations on robust milk-vetch plants as well as other species such as *Phacelia*, *Psoralea* and other *Astragalus* spp.

*Question 3:* Are the same insect species pollinating the Lane Mountain, Brinkman Wash-Montana Mine, and Goldstone populations?

Suggested course of action: Conduct observations on Lane Mountain milk-vetch within these populations.

*Question 4:* Is there periodicity in reward (i.e., do ASJA produce nectar only at certain times of the day or are rewards consistently available)? The observation that the bees were not foraging in the early morning (even though the temperatures were within their observed foraging range) suggests that the milk-vetch resources were not yet available.

Suggested course of action: Dissect milk-vetch flowers in the early morning and determine if anthers have dehisced (i.e., if pollen is available). Dissect milk-vetch flowers in the early morning and determine if nectar is available. Conduct observations on nearby *Phacelia* plants to determine if the bees are visiting them in the early morning.

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