

***Heliomeris multiflora* var. *macrocephala* (Asteraceae: Heliantheae), A new record from the U.S.A.****Billie L. Turner**

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## ABSTRACT

A new record of *H. multiflora* var. *macrocephala* from Cochise Co. AZ is reported.  
Published on-line [www.phytologia.org](http://www.phytologia.org) *Phytologia* 95(4): 286-287 (Nov. 1, 2013). ISSN 030319430

**KEY WORDS:** *Heliomeris multiflora* var. *macrocephala*, new record, Arizona.

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In my recent account of the Mexican species of *Heliomeris* (Turner, 2012a), I called attention to a single collection of *H. m.* var. *macrocephala* Heiser from the U.S.A. (Map 1), the full record of which follows:

**U.S.A.: ARIZONA. COCHISE CO.:** “along the Bear Canyon trail, T23S R20E Sec. 29 NE1/4;” shaded slope in canyon bottom woodland with *Pseudotsuga menziesii*, 7000 ft, 29 Sep 1991, *Bowers & McLaughlin 3606* (ARIZ).

The specimen appears to be a high elevational relict of what once was a more widespread, subalpine populational system of *H. multiflora*, its southern counterpart having been collected but sparingly in spruce-fir forests at somewhat higher elevations on Sierra Mohinora, Chihuahua, as noted by Turner (2012a).

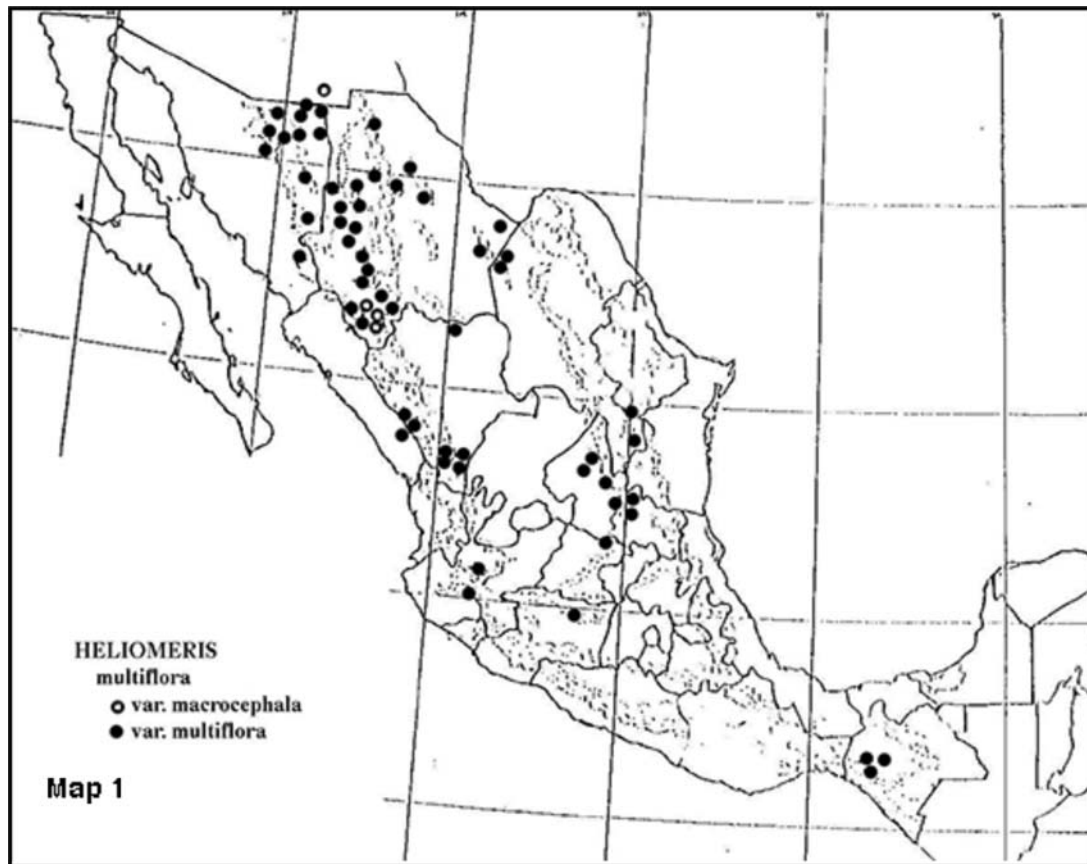
Interestingly, the present high elevation relict population is similar to that called to the fore in the genus *Senecio* by Turner (2012b) in which *S. multidentatus*, previously known only from sporadic, high elevational sites throughout northern Mexico, was reported to have a single collection from the U.S.A. [Cochise Co., Chiricahua Wilderness Area, Chiricahua Mts., “Snowshed Trail; coniferous forest,” 8750 ft, 18 Sep 1976, *Leithliter 829* (ASU)]. Turner notes, “it is interesting to speculate that the ancestral populations of *S. multidentatus* that might have given rise to *S. huachucanus* are still represented in Arizona by relictual populations in the Chiricahua Mts. DNA should ultimately help resolve the problem.” The same might be said for the enigmatic *Heliomeris* var. *macrocephala*!

## ACKNOWLEDGEMENTS

I am grateful to my colleague Guy Nesom and my field companion, Jana Kos, for editorial comments. The following herbaria loaned appropriate specimens: ARIZ, ASU, LL-TEX.

## LITERATURE CITED

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Turner, B.L. 2012b. Taxonomy and distribution of *Senecio huachucanus* and *S. multidentatus* (Asteraceae). *Phytoneuron* 2012-56: 1-5.



Map 1. Distribution of *Heliomeris multiflora* var. *macrocephala*.