RNR 230L Plant Collection

Fall 2016

**Family:** Asteraceae

**Species:** *Dieteria asteroides* Torr.

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 9 km from there. Turn west. 68 m SWW of the entrance to Molino Basin Campground. An additional 12.7 m NW from that point (next to a group of five parking spots; located on the southern end of the last spot). Latitude: 32°20’14.52”N, Longitude: -110°41’28.64”W. Elevation: 1329 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 3 November 2016).

**Habitat:** Grassland environment including trees and shrubs. On SE-facing slope of wash approx. 1 to 2 m wide. Dead leaf matter and compost create a matted look on top of soil. Numerous stolons growing around base of plant from surrounding grasses.

**Description:** Part of plant collected. Plant approx. 1 m tall. In full flower with several mature achenes. No discoloration in dried specimen. Widespread throughout range at numerous locations on the campground.

**Date:** 17 September 2016

**Collector:** S. Slovikosky

**Specimen #1**

RNR 230L Plant Collection

Fall 2016

**Family:** Onagraceae

**Species:** *Oenothera* *elata* [Kunth](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=41270)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 34.7 km from there. Turn east onto E. Upper Bear Wallow Rd. An additional 9.5 m SE. Latitude: 32°25'23.75"N, Longitude: -110°44'5.04"W. Elevation: 2396 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 11 November 2016).

**Habitat:** Pine forest. On S-facing slope on eastern side of road. Rocky soil with several large rocks nearby.

**Description:** Entire plant collected. Plant approx. 30 cm tall. A few open buds with several capsules bursting open. No discoloration in dried specimen. Common throughout range with several other plants nearby.

**Date:** 17 September 2016

**Collector:** S. Slovikosky

**Specimen #2**

RNR 230L Plant Collection

Fall 2016

**Family:** Convolvulaceae

**Species:** *Ipomoea* *cristulata* [Hallier f.](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=45483)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 9 km from there. Turn west. 68 m SWW of the entrance to Molino Basin Campground. An additional 21 m NW from that point (next to a group of five parking spots; located on the western end of the third spot). Latitude: 32°20’14.73”N, Longitude: -110°41’28.71”W. Elevation: 1329 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 11 November 2016).

**Habitat:** Grassland environment including trees and shrubs. On E-facing slope of wash approx. 1 to 2 m wide. Dead leaf matter and compost create a matted look on top of soil. Numerous stolons growing around base of plant from surrounding grasses.

**Description:** Part of plant collected. Plant approx. 1 m tall. In full flower with some immature fruit. Flower color faded, less bright in pressed specimen. Vine-like, wrapped around a grass. Occasional throughout range with few other plants nearby.

**Date:** 17 September 2016

**Collector:** S. Slovikosky

**Specimen #3**

RNR 230L Plant Collection

Fall 2016

**Family:** Fabaceae

**Species:** *Crotalaria* *pumila* [Ortega](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=42147)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 11.8 km. Turn SW onto dirt road and follow it 173 m. Continue 2 m SE. Latitude: 32°20'20.08"N, Longitude: -110°43'4.17"W. Elevation: 1477 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 12 November 2016).

**Habitat:** Grassland with trees and shrubs. Next to road on SE side. Rocky soil.

**Description:** Entire plant collected. Plant approx. 10 cm tall. In full flower with several nearly mature legumes. No discoloration in dried specimen. Occasional throughout range with few other plants nearby.

**Date:** 14 October 2016

**Collector:** S. Slovikosky

**Specimen #4**

RNR 230L Plant Collection

Fall 2016

**Family:** Asteraceae

**Species:** *Xanthisma* *spinulosum* [(Pursh) D.R. Morgan & R.L. Hartm.](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=130651)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 9 km from there. Turn west. 68 m SWW of the entrance to Molino Basin Campground. An additional 21 m NW from that point (next to a group of five parking spots; located on the western end of the third spot). Latitude: 32°20’14.73”N, Longitude: -110°41’28.71”W. Elevation: 1329 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 11 November 2016).

**Habitat:** Grassland environment including trees and shrubs. On E-facing slope of wash approx. 1 to 2 m wide. Dead leaf matter and compost create a matted look on top of soil. Surrounded by grasses.

**Description:** Entire plant collected. Plant approx. 30 cm tall. In full flower with several mature achenes. No discoloration in dried specimen. Widespread throughout range at numerous locations on the campground.

**Date:** 17 September 2016

**Collector:** S. Slovikosky

**Specimen #5**

RNR 230L Plant Collection

Fall 2016

**Family:** Asteraceae

**Species:** *Solidago* *missouriensis* [Nutt.](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=42061)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 34.7 km from there. Turn east onto E. Upper Bear Wallow Rd. Follow this road for 565.2 m. An additional 10 m east. Latitude: 32°25’13.1”N, Longitude: -110°43’51.28”W. Elevation: 2422 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 11 November 2016).

**Habitat:** Pine forest. On W-facing slope. Good, moist soil with small rocks. Surrounded by grasses. Pine tree overstory.

**Description:** Entire plant collected. Plant approx. 50 cm tall. In full flower with several mature achenes. Flowers covered in small beetles at time of collection. No discoloration in dried specimen. Widespread throughout range at numerous locations on the campground.

**Date:** 17 September 2016

**Collector:** S. Slovikosky

**Specimen #6**

RNR 230L Plant Collection

Fall 2016

**Family:** Asteraceae

**Species:** *Achillea* *millefolium* [L.](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=41302)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 34.7 km from there. Turn east onto E. Upper Bear Wallow Rd. Follow this road for 420 m. An additional 2.2 m east. Latitude: 32°25'17.42"N, Longitude: -110°43'53.61"W. Elevation: 2415 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 11 November 2016).

**Habitat:** Pine forest. On W-facing slope. Moist, rocky soil. Pine tree overstory.

**Description:** Entire plant collected. Plant approx. 60 cm tall. In full flower with several mature achenes. No discoloration in dried specimen. Occasional throughout range with few other plants nearby.

**Date:** 17 September 2016

**Collector:** S. Slovikosky

**Specimen #7**

RNR 230L Plant Collection

Fall 2016

**Family:** Onagraceae

**Species:** *Epilobium* *canum* ssp. *latifolium* [(Hook.) P.H. Raven](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=150351)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 9 km from there. Turn west. 45.7 m SWW of the entrance to Molino Basin Campground. An additional 35 m south. Latitude: 32°20'13.42"N, Longitude: -110°41'27.61"W. Elevation: 1328 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 11 November 2016).

**Habitat:** In center of wash approx. 17 m across. Sandy soil. Rooted between several large rocks.

**Description:** Part of plant collected. Plant approx. 40 cm tall. Several stems growing laterally outwards. In full flower. Many fallen, open buds on ground. Center of plant covered in much dead plant matter (i.e. leaves). No discoloration in dried specimen. Occasional throughout range with few other plants nearby.

**Date:** 8 October 2016

**Collector:** S. Slovikosky

**Specimen #8**

RNR 230L Plant Collection

Fall 2016

**Family:** Onagraceae

**Species:** *Oenothera* *serrulata* [Nutt.](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=42061)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 18.3 km from there. Turn east into parking lot and head 61 m SEE to the end of the paved lot. An additional 20.3 m SSE from there. Latitude: 32°22'20.15"N, Longitude: -110°41'39.55"W. Elevation: 1791 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 11 November 2016).

**Habitat:** Pine and oak forest. On N-facing slope. Much woody debris, pine needles, and dead plant matter surrounding base of plant.

**Description:** Part of plant collected. Original plant shrub-like, 15 cm tall, 40 cm wide, 40 cm long. Several flowering buds. No discoloration in dried specimen. Occasional throughout range with few other plants nearby.

**Date:** 16 October 2016

**Collector:** S. Slovikosky

**Specimen #9**

RNR 230L Plant Collection

Fall 2016

**Family:** Onagraceae

**Species:** *Oenothera* *suffrutescens* [(Ser.) W.L. Wagner & Hoch](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=150288)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 18.3 km. Turn east into parking lot and head 28.6 m east from there. Latitude: 32°22'21.44"N, Longitude: -110°41'40.80"W. Elevation: 1785 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 11 November 2016).

**Habitat:** Pine and oak forest. In center of wash approximately 6 m wide. Sandy soil, much plant matter from trees (i.e. cottonwood, pines) surrounding base of plant. Rooted between several large rocks. Oak tree overstory.

**Description:** Entire plant collected. Plant approx. 40 cm tall. Flowers a light pink color. Occasional throughout range with few other plants nearby.

**Date:** 16 October 2016

**Collector:** S. Slovikosky

**Specimen #10**

RNR 230L Plant Collection

Fall 2016

**Family:** Convolvulaceae

**Species:** *Ipomoea* *costellata* [Torr.](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=43428)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). Continue on an additional 9 km. Turn west. 153.5 m down the road from the entrance to Molino Basin Campground. 48 m south from there. Latitude: 32°20'11.39"N, Longitude: -110°41'31.19"W. Elevation: 1322 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 11 November 2016).

**Habitat:** In heavily grassed area on S-facing slope of a bank of a wash approx. 7 m across. Dry, dusty soil.

**Description:** Entire plant collected. Plant approx. 10 cm tall. Flowers a light purple, white color. Vine-like, wrapped around a grass. Growing laterally. Common throughout range with several other plants nearby.

**Date:** 21 October 2016

**Collector:** S. Slovikosky

**Specimen #11**

RNR 230L Plant Collection

Fall 2016

**Family:** Convolvulaceae

**Species:** *Ipomoea* *ternifolia* [Cav.](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=39263)

**Collection Location:** Pima Co., AZ. Head east 2.6 km from the intersection of Cloud Rd. and N. Sabino Canyon Rd. until N. Elena Maria Rd. is reached. An additional 220 m east (including crossing a 37 m wash). 137 m south from that point. Latitude: 32°16'3.91"N, Longitude: -110°48'39.04"W. Elevation: 767 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 11 November 2016).

**Habitat:** In shaded region. Area surrounding plant dense and overgrown with vegetation, with other Convolvulaceae species growing as well. Sandy soil. Lots of dead/live leaf matter surrounding base of plant.

**Description:** Part of plant collected. Plant approx. 10 cm tall. Vine-like and growing laterally. Flower color lavender. Occasional throughout range with few other plants nearby.

**Date:** 17 October 2016

**Collector:** S. Slovikosky

**Specimen #12**

RNR 230L Plant Collection

Fall 2016

**Family:** Convolvulaceae

**Species:***Ipomoea* *hederacea* [Jacq.](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=41004)

**Collection Location:** Pima Co., AZ. Head 629 m north from the intersection of E. Speedway Blvd. and N. Houghton Rd. Turn east and follow E. Drachman St. south for 220 m until the bend that turns east. Continue south another 110 m (involves crossing a 28 m wash). An additional 8.5 m east. Latitude: 32°14'17.23"N, Longitude: -110°46'20.39"W. Elevation: 785 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 11 November 2016).

**Habitat:** In wash (on the side next to N-facing sloping bank, not in center) approx. 28 m across. Good soil. Surrounded by grasses.

**Description:** Part of plant collected. Original plant bush-like and vine-like, 2 m tall, long, and wide. Laterally growing. Several vines wrapping around grasses. Flower color white/purple (dried specimen appears darker). Several immature fruits. Common throughout range with several other plants nearby.

**Date:** 2 October 2016

**Collector:** S. Slovikosky

**Specimen #13**

RNR 230L Plant Collection

Fall 2016

**Family:** Fabaceae

**Species:** *Phaseolus* *acutifolius* var. *tenuifolius* [A. Gray](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=38503)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 11.8 km. Turn SW onto dirt road and follow it 173.2 m. Continue 2.6 m SE. Latitude: 32°20'20.01"N, Longitude: -110°43'4.17"W. Elevation: 1477 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 12 November 2016).

**Habitat:** Grassland with trees and shrubs. On N-facing slope on SE side of road. Rocky, loose soil. Growing next to a grass.

**Description:** Entire plant collected. Plant approx. 30 cm tall. Flowers a pale pink, purple color. Vine-like, wrapped around a grass. Growing laterally. Several nearly mature legumes. Occasional throughout range with few other plants nearby.

**Date:** 14 October 2016

**Collector:** S. Slovikosky

**Specimen #14**

RNR 230L Plant Collection

Fall 2016

**Family:** Fabaceae

**Species:** *Dalea* *frutescens* [A. Gray](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=38503)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 11.8 km. Turn SW onto dirt road and follow it 183 m. Continue 2.7 m SE. Latitude: 32°20'19.82"N, Longitude: -110°43'4.52"W. Elevation: 1477 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 12 November 2016).

**Habitat:** Grassland with trees and shrubs. On N-facing slope on SE side of road. Dusty soil covered in dead plant matter (i.e. leaves/twigs).

**Description:** Part of plant collected. Original plant a shrub 40 cm x 40 cm x 40 cm. No discoloration in dried specimen. Common throughout range with several other plants nearby.

**Date:** 14 October 2016

**Collector:** S. Slovikosky

**Specimen #15**

RNR 230L Plant Collection

Fall 2016

**Family:** Fabaceae

**Species:** *Desmodium* *batocaulon* [A. Gray](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=38503)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 11.8 km. Turn SW onto dirt road and follow it 262 m. Continue 4.9 m NW. Latitude: 32°20'18.03"N, Longitude: -110°43'6.61"W. Elevation: 1476 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 12 November 2016).

**Habitat:** Grassland with trees and shrubs. On northwestern side of a strip of vegetation (7 m x 12.8 m) at a crossroads of two dirt walkways. Sandy soil with small pebbles. Growing next to grasses. Other laterally growing species nearby as well. Dead plant matter (i.e. leaves) at base. Tree overstory.

**Description:** Entire plant collected. Plant approx. 50 cm long. Laterally growing. Flowers a dark pink/white/blue color. Occasional throughout range with few other plants nearby.

**Date:** 14 October 2016

**Collector:** S. Slovikosky

**Specimen #16**

RNR 230L Plant Collection

Fall 2016

**Family:** Lamiaceae

**Species:** *Stachys* *coccinea* [Ortega](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=42147)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 9 km from there. Turn west. 45.6 m down the road from the entrance to Molino Basin Campground. An additional 36.9 m south. Latitude: 32°20'13.33"N, Longitude: -110°41'27.61"W. Elevation: 1328 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 12 November 2016).

**Habitat:** In wash (on the side next to SE-facing sloping bank, not in center) approx. 17 m across. Sandy soil. Rooted between two large rocks.

**Description:** Entire plant collected. Plant approx. 30 cm tall. In full flower. Base of plant covered in dead plant matter. Flowers a red, pink color (dried specimen appears darker). Occasional throughout range with few other plants nearby.

**Date:** 8 October 2016

**Collector:** S. Slovikosky

**Specimen #17**

RNR 230L Plant Collection

Fall 2016

**Family:** Lamiaceae

**Species:** *Hedeoma* *oblongifolia* [(A. Gray) A. Heller](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=130220)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 11.8 km. Turn SW onto dirt road and follow it 195 m. Continue 35 m north. Latitude: 32°20'20.68"N, Longitude: -110°43'4.63"W. Elevation: 1476 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 12 November 2016).

**Habitat:** Grassland with trees and shrubs. In wash (on the side next to SEE-facing sloping bank, not in center) approx. 8.5 m across. Slope next to plant is rocky with several “rock shelves” projecting out. Rocky, sandy soil. Tree overstory.

**Description:** Entire plant collected. Plant approx. 20 cm tall. Flowers a white/pink color. Not in full flower yet. Occasional throughout range with few other plants nearby.

**Date:** 14 October 2016

**Collector:** S. Slovikosky

**Specimen #18**

RNR 230L Plant Collection

Fall 2016

**Family:** Asteraceae

**Species:** *Sanvitalia* *abertii* [A. Gray](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=38503)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 11.8 km. Turn SW onto dirt road and follow it 185 m. Continue 2 m SE. Latitude: 32°20'19.79"N, Longitude: -110°43'4.43"W. Elevation: 1477 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 12 November 2016).

**Habitat:** Grassland with trees and shrubs. On N-facing slope on SE side of road. Loose, rocky soil covered in dead plant matter.

**Description:** Entire plant collected. Plant approx. 10 cm tall. Numerous mature achenes. No discoloration in dried specimen. Occasional throughout range with few other plants nearby.

**Date:** 14 October 2016

**Collector:** S. Slovikosky

**Specimen #19**

RNR 230L Plant Collection

Fall 2016

**Family:** Fabaceae

**Species:** *Acmispon* *oroboides* [(Kunth) Brouillet](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=143308)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 11.8 km. Turn SW onto dirt road and follow it 254 m. Continue 2.8 m SE. Latitude: 32°20'18.03"N, Longitude: -110°43'6.06"W. Elevation: 1477 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 12 November 2016).

**Habitat:** Grassland with trees and shrubs. On southeastern side of a strip of vegetation (7 m x 12.8 m) at a crossroads of two dirt walkways. Sandy soil with small pebbles. Growing next to several large rocks. Base surrounded in dead plant matter (i.e. leaves). Surrounded by grasses.

**Description:** Entire plant collected. Plant approx. 20 cm tall. Several mature legumes. Flowers a scarlet red/yellow color. Occasional throughout range with few other plants nearby.

**Date:** 14 October 2016

**Collector:** S. Slovikosky

**Specimen #20**

RNR 230L Plant Collection

Fall 2016

**Family:** Ranunculaceae

**Species:** *Aquilegia* *chrysantha* [A. Gray](https://www.itis.gov/servlet/SingleRpt/RefRpt?search_type=author&search_id=author_id&search_id_value=38503)

**Collection Location:** Pima Co., AZ. From the intersection of Catalina Hwy. and Tanque Verde Rd., head 6.8 km up Catalina Hwy. to the Forest boundary (where it becomes Hitchcock Hwy.). An additional 34.7 km from there. Turn east onto E. Upper Bear Wallow Rd. Follow this road for 725 m. An additional 34.5 m west. Latitude: 32°25’7.66”N, Longitude: -110°43’51.04”W. Elevation: 2430 m a.s.l. (Lat., long. and elev. estimates based on analysis of Google Earth image, 12 November 2016).

**Habitat:** Pine forest. On N-facing slope next to southern side of road. Good, moist soil. Base surrounded by prostrate stems from surrounding grasses. Pine tree overstory.

**Description:** Entire plant collected. Plant approx. 20 cm tall. In full flower. No discoloration in dried specimen. Occasional throughout range with few other plants nearby.

**Date:** 17 September 2016

**Collector:** S. Slovikosky

**Specimen #21**