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TYPES OF NEVADA BUCKWHEATS (*ERIOGONUM*: POLYGONACEAE)

James L. Reveal<sup>1</sup>

ABSTRACT.—The types and type specimens of Nevada species and varieties of *Eriogonum* (Polygonaceae) are alphabetically listed. Appropriate lectotypes are selected as necessary.

The growing need for type information of Nevada plants for various projects, and especially that by A. Tiehm, makes necessary the publication of critical type data of *Eriogonum* (Polygonaceae), one of the state's largest genera. The format followed here is similar to that used by Welsh (1982). The entries are arranged alphabetically by basionym. A number of Gandoger names proposed for Nevada buckwheats in 1906 and reported by Heller 1907 have been shown to be invalid (Reveal 1980). Readers are referred to Reveal (1985) for a taxonomic treatment of the genus of the state.

*Eriogonum anemophilum* Greene, Pittonia 3:199. 1897. Pershing Co.: Windswept summits at the north end of the West Humboldt Mts., probably on Star Peak, Jul 1894, *Greene s.n.* Holotype, NDG! Isotype, NY!

*Eriogonum angulosum* Benth. var. *flabellatum* Gand., Bull. Soc. Roy. Bot. Belgique 42:187. 1906. Washoe Co.: near the Central Pacific Railroad entrance into the Virginia Mts., 16 Jun 1894, *Hillman s.n.* Holotype, LY! Isotype, NESH! = *E. maculatum* A. A. Heller.

*Eriogonum angulosum* Benth. var. *patens* Gand., Bull. Soc. Roy. Bot. Belgique 42:187. 1906. Washoe Co.: Wadsworth, 7 Aug 1899, *Hillman s.n.* Holotype, LY! Isotype, NESH [as 9 Jul 1899] = *E. maculatum* A. A. Heller.

*Eriogonum angulosum* Benth. var. *pauciflorum* Gand., Bull. Soc. Roy. Bot. Belgique 42:187. 1906. Washoe Co.: Reno, 25 Jun 1895, *Hillman s.n.* Holotype, LY! Isotypes, DS! NESH! UC! = *E. maculatum* A. A. Heller.

*Eriogonum argophyllum* Reveal, Phytologia 23:168. 1972. Elko Co.: In sandy washes on crusty mineralized sand below Sulphur Hot Springs, 7 Jul 1969, *Holmgren & Kern 3661*. Holotype, US! Isotypes, ID! IDS! KANS! MIN! MSC! NY! OKL! RM! RSA! UBC! UC! UTC!

*Eriogonum aridum* Greene, Pittonia 3:200. 1897. Elko Co.: Holborn, 16 Jul 1896, *Greene s.n.* Lectotype selected here, NDG! Duplicate of the lectotype, NDG! = *E. umbellatum* Torr. var. *dichrocephalum* Gand.

*Eriogonum azaleastrum* Greene, Pittonia 5:67. 1906. Pershing Co.: Black Canyon, West Humboldt Mts., 29 Jul 1895, *Greene s.n.* Holotype, NDG! Isotype, NY! = *E. umbellatum* Torr. var. *aureum* (Gand.) Reveal.

*Eriogonum baileyi* S. Wats. var. *porphyreticum* Stokes ex Jones, Contr. W. Bot. 11:17. 1903. Eureka Co.: Palisades, 6 Aug 1881, *M. E. Jones s.n.* Lectotype, POM! Duplicate of the lectotype, DS! = *E. baileyi* S. Wats. var. *baileyi*.

*Eriogonum beatleyae* Reveal, Aliso 7:415. 1972. Nye Co.: About 0.9 mi N of U.S. Hwy. 6, 5.3 mi W of Salisbury Wash Rd., about 18 mi E of Tonopah, 26 Jun 1971, *Reveal et al.* 2498. Holotype, US! Isotypes, ARIZ! ASC! ASU! BRY! CAS! G! GH! K! MICH! MO! NY! OSC! OKL! RENO! RM! RSA! SD! SMU! TEX! UC! UTC! WTU!

*Eriogonum bifurcatum* Reveal, Aliso 7:357. 1971. Nye Co.: Pahrum Valley, 13 Jun 1970, *Reveal* 2283. Holotype, US! Isotypes, ARIZ! ASC! ASU! BRY! CAS! COLO! G! GH! K! KANU! KSC! MICH! MO! NCU! NTS! NY! OKL! OSC! P! RM! RSA! SD! SMU! UC! UTC! WIS! WT! WTU!

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*Eriogonum cernuum* Nutt. var. *multi-pedunculatum* S. Stokes, Leaf. W. Bot. 2:48. 1937. Lander Co.: 40 mi W of Austin, 25 Aug 1931, J. T. Howell 7988. Holotype, CAS! Isotypes, GH! NY! US! = *E. watsonii* Torr. & Gray.

*Eriogonum cernuum* Nutt. var. *purpurascens* Torr. & Gray, Rept. Explor. Surv. Ascertain. Pract. Econ. Route Railroad Miss. River to Pacific Ocean 2:124. 1855. Washoe Co.: Mud Lake Valley, 16 Jun 1854, Snyder s.n. Holotype, NY! Isotypes, GH! MO! = *E. nutans* Torr. & Gray var. *nutans*.

*Eriogonum cernuum* Nutt. var. *tenue* Torr. & Gray, Proc. Amer. Acad. Arts 8:182. 1870. Elko Co.: East Humboldt [now Ruby] Mts., 1869, Watson 1036. Lectotype selected here, GH! Duplicates of the lectotype, K! PH! = *E. cernuum* Nutt. var. *cernuum*.

*Eriogonum cernuum* Nutt. subsp. *viminale* S. Stokes, Gen. Eriog. 41. 1936. Elko Co.: 44 mi SW of Wendover, 24 Aug 1931, J. T. Howell 7952. Holotype, CAS! Isotype, GH! = *E. cernuum* Nutt. var. *viminale* (S. Stokes) Reveal in Munz.

*Eriogonum chrysocephalum* A. Gray subsp. *desertorum* Maguire, Leaf. W. Bot. 3:11. 1941. Elko Co.: Foothills of dry gravelly lake bar, 8 mi W of Wendover, 5 Jun 1939, Holmgren & Lund 163. Holotype, UTC! Isotypes, NY! OKL! UC! US! = *E. desertorum* (Maguire) R. J. Davis.

*Eriogonum collinum* Stokes ex Jones, Contr. W. Bot. 11:15. 1903. Washoe Co.: Reno, 19 Jun 1900, Stokes s.n. Lectotype, UC!, vide Madroño 18:169. 1966. Duplicates of the lectotype, DS! MIN [as 20 Jun 1900]! NY! SD! US!

*Eriogonum commixtum* Greene ex Tidestrom, Proc. Biol. Soc. Wash. 36:181. 1923. Carson City Co.: Eagle Valley, 31 Jul 1902, Baker 1402. Holotype, US! Isotypes, B! GH! MO! MSC! NY! POM! UC! = *E. baileyi* S. Wats. var. *praebens* (Gand.) Reveal

*Eriogonum comosum* (M. E. Jones) M. E. Jones var. *playanum* M. E. Jones, Contr. W. Bot. 11:16. 1903. Clark Co., Mica Springs, 14 Apr 1894, M. E. Jones 5064bc. Lectotype selected here, POM! = *E. pusillum* Torr. & Gray.

*Eriogonum concinnum* Reveal, Bull. Torrey Bot. Club 96:476. 1969. Nye Co.: Buckboard Mesa Rd., near Cat Canyon and Timber

Mtn., 5 Jul 1968, Reveal 1501. Holotype, UTC! Isotypes, ARIZ! BRY! CAS! CS! DS! GH! IDS! ISC! KSC! MIN! MO! MSC! NTS! NY! OKLA! RENO! RM! RSA! TEX! UC! UT! UTC! WIS! WTU!

*Eriogonum cusickii* Gand. var. *californicum* Gand., Bull. Soc. Roy. Bot. Belgique 42:193. 1906. Elko Co.: Little Lakes Canyon, near Stampede, 1 Jul 1902, Kennedy 543. Holotype, LY, not found at LY. Isotypes, NESH! RM! UC! = *E. strictum* Benth. subsp. *proliferum* (Torr. & Gray) S. Stokes var. *proliferum* (Torr. & Gray) Reveal.

*Eriogonum deflexum* Torr. in Sitgr. var. *nevadense* Reveal, Phytologia 25:206. 1973. Nye Co.: Near Lunar Crater, 18 Jul 1972, Reveal & Reveal 2785. Holotype, US! Isotypes, ARIZ! ASC! ASU! BRY! CAS! COLO! G! GH! ISC! K! MO! NY! OKL! OSC! P! RENO! RM! RSA! SD! SMU! TEX! UC! UTC! WIS! WT! WTU!

*Eriogonum elatum* Dougl. ex Benth. var. *erianthum* Gand., Bull. Soc. Roy. Bot. Belgique 42:188. 1906. Elko Co.: Little Lakes Canyon near Stampede, 14 Jul 1902, Kennedy 563. Holotype, LY! Isotypes, NESH! RM! UC! = *E. elatum* Dougl. ex Benth. var. *elatum*.

*Eriogonum esmeraldense* S. Wats., Proc. Amer. Acad. Arts 24:85. 1889. Esmeralda Co.: Miller Mtn., Jul 1888, Shockley 581. Lectotype selected here, GH! Duplicates of the lectotype, DS! JEPS! K! POM [as 381]! UC!

*Eriogonum esmeraldense* S. Wats. var. *toyabense* J. T. Howell, Leaf. W. Bot. 6:178. 1952. Lander Co.: Majogany Canyon, Toyabe Mts., Linsdale & Linsdale 550. Holotype, CAS!

*Eriogonum exaltatum* M. E. Jones, Contr. W. Bot. 15:61. 1929. Clark Co.: Riverside, 2 Jul 1927, M. E. Jones s.n. Holotype, POM! Isotypes, GH! NDG! US! = *E. insigne* S. Wats.

*Eriogonum eximium* Tidestrom, Proc. Biol. Soc. Wash. 36:181. 1923. Washoe Co.: near Frankton, 16 Aug 1912, Heller 10649. Holotype, US! Isotypes, CAS! CI! DS! DUKE! E! F! G! GH! LA! MO! NESH! POM! = *E. ovalifolium* Nutt. var. *eximium* (Tidestrom) J. T. Howell.

*Eriogonum gracile* Benth. var. *effusum* Torr. & Gray, Proc. Amer. Acad. Arts 8:178.

1870. Carson City Co.: Near Empire City, 1865, *Torrey 439*. Lectotype selected here, GH! Duplicate of the lectotype, NY! = *E. baileyi* S. Wats. var. *baileyi*.

*Eriogonum heermannii* Dur. & Hilg. var. *clokeyi* Reveal, *Phytologia* 34:437. 1976. Clark Co.: Lee Canyon, Spring Mts., 10 Aug 1966, *Holmgren & Reveal 2990*. Holotype, US! Isotypes, ARIZ! BRY! CAS! CS! DAO! DS! IDS! ISC! KSC! MIN! MO! MSC! NY! OKL! OSC! RM! RSA! UC! US! UT! UTC!

*Eriogonum heermannii* Dur. & Hilg. subsp. *humilius* S. Stokes, *Gen. Eriog.* 90. 1936. Humboldt Co.: E of Golconda, Hot Springs Range, 22 Jul 1930, *Keck 937*. Holotype, CAS! Isotypes, DS! MO! RSA! UC! = *E. heermannii* Dur. & Hilg. var. *humilius* (S. Stokes) Reveal.

*Eriogonum heracleoides* Nutt. var. *virde* Gand., *Bull. Soc. Roy. Bot. Belgique* 42:190. 1906. Washoe Co.: Peavine foothills, 15 Jun 1894, *Hillman s.n.* Holotype, LY! Isotype, NESH! = *E. umbellatum* Torr. var. *nevadense* Gand.

*Eriogonum holmgrenii* Reveal, *Leafl. W. Bot.* 10:184. 1965. White Pine Co.: W base of Pyramid Peak N of Johnson Lake, Snake Range, 10 Aug 1964, *Holmgren & Reveal 1576*. Holotype, UTC! Isotypes, ARIZ! BRY! CAS! DS! GH! IDS! K! KSC! MARY! MIN! MO! MSC! NY! OKL! OSC! PH! RENO! RM! RSA! UC! US! UT! UTC! WIS!

*Eriogonum howellii* S. Stokes, *Gen. Eriog.* 91. 1936. Eureka Co.: 34 mi W of Eureka, 24 Aug 1931, *J. T. Howell 7963*. Holotype, CAS! = *E. heermannii* Dur. & Hilg. var. *argense* (M. E. Jones) Munz.

*Eriogonum inflatum* Torr. & Frem. var. *contiguum* Reveal, *Aliso* 7:221. 1970. Nye Co.: E of Ash Meadows, 3 Jun 1969, *Reveal & Matthews 2157*. Holotype, US! Isotypes, BRY! CAS! MICH! MO! NTS! NY! OKL! RENO! RM! RSA! SD! UC! UTC! WIS! = *E. contiguum* (Reveal) Reveal.

*Eriogonum kingii* Torr. & Gray, *Proc. Amer. Acad. Arts* 8:165. 1870. Elko Co.: East Humboldt [now Ruby] Mts., Jul 1868, *Watson 1020*. Lectotype selected here: GH! Duplicates of the lectotype: BM! K! NY! UC! US!

*Eriogonum luctum* S. Stokes, *Gen. Eriog.* 23. 1936. Pershing Co.: Near Humboldt, 24 May 1901, *George 9*. Holotype, CAS! = *E. rubricaula* Tidestrom.

*Eriogonum lemmonii* S. Wats., *Proc. Amer. Acad. Arts* 12:266. 1877. Washoe Co.: Sand hills between Wadsworth and Reno, 1875, *Lemmon 861*. Holotype, GH! Isotypes, ARIZ! ISC! NY! ?UC [as "Lava ridge, 1874"]! US!

*Eriogonum leucocladum* Gand., *Bull. Soc. Roy. Bot. Belgique* 42:189. 1906. Washoe Co.: Reno, Jun 1898, *Hillman s.n.* Holotype, LY! = *E. baileyi* S. Wats. var. *praebens* (Gand.) Reveal.

*Eriogonum lewisii* Reveal, *Great Basin Nat.* 2 45. 1985. Elko Co.: White Elephant Butte, S of Elk Mtn., 30 Jul 1976, *Reveal & Reveal 4596*. Holotype, US! Isotypes, BRY! CAS! F! MARY! MEXU! MICH! MO! OKL! RSA! TEX! UTC!

*Eriogonum microthecum* Nutt. subsp. *intermedium* S. Stokes, *Gen. Eriog.* 75. 1936. White Pine Co.: near Ely, 24 Aug 1931, *J. T. Howell 7956*. Holotype, CAS! Isotypes, GH! US! = *E. microthecum* var. *simpsonii* (Benth in DC.) Reveal.

*Eriogonum microthecum* Nutt. var. *lapidicola* Reveal, *Brigham Young Univ. Sci. Bull.*, *Biol. Ser.* 13(1):28. 1971. Nye Co.: N end of Rainier Mesa at the S end of the Belted Range at the head of The Aqueduct, 25 Aug 1968, *Reveal & Holmgren 1926*. Holotype, UTC! Isotypes, ARIZ! BRY! CAS! CS! DS! GH! MO! MSC! NTS! NY! OKLA! RENO! RM! TEX! UT! WIS!

*Eriogonum monticola* S. Stokes, *Gen. Eriog.* 123. 1936. Esmeralda Co.: S of Queen Mine, White Mts., 4 Sep 1926, *Ferris 6753*. Holotype, DS! Isotype, POM! = *E. latens* Jepson.

*Eriogonum nevadense* Gand., *Bull. Soc. Roy. Bot. Belgique* 42:188. 1906. Washoe Co.: Near Reno, 1878, *Hillman s.n.* Holotype, LY! = *E. ochrocephalum* S. Wats. var. *ochrocephalum*.

*Eriogonum nutans* Torr. & Gray var. *brevipedicellatum* S. Stokes, *Gen. Eriog.* 43. 1936. Eureka Co.: 30 mi W of Eureka, 25 Aug 1931, *J. T. Howell 7974*. Holotype, CAS! Isotype, GH! = *E. nutans* Torr. & Gray var. *nutans*.

*Eriogonum nutans* Torr. & Gray var. *glabratum* Reveal, *Madroño* 18:172. 1966. Elko Co.: 1 mi W of the Deeth turnoff, 20 Jun

<sup>2</sup>All abbreviations follow those recommended by B-P-H Botanicopediodicum-huntianum except that for Great Basin Naturalist.

and 14 Jul 1964, *Hohngren & Reveal 1037*. Holotype, UTC! Isotypes, ARIZ! BRY! CAS! DS! GH! KSC! MO! MSC! NY! OKL! RENO! RM! RSA! SMU! UC! US! UTC! WIS!

*Eriogonum ochrocephalum* S. Wats. in Brewer & Wats., Bot. Calif. 2:480. 1880. Washoe Co.: "Valleys of Northwestern Nevada," likely from near Pyramid Lake, sin date, *Lemmon s.n.* (perhaps 91). Holotype, GH! Isotype, NY!

*Eriogonum ochrocephalum* S. Wats. var. *alexandrae* Reveal, Great Basin Nat. 45:000. 1985. Lyon Co.: Wilson Canyon between Smith and Mason, 12.8 mi NE of Smith, 21 Jun 1978, *Reveal et al. 4737*. Holotype, US! Isotypes, BRY! CAS! DUKE! F! MARY! MEXU! MICH! MO! OKL! RSA! TEX! UTC!

*Eriogonum ovalifolium* Nutt. var. *caelestinum* Reveal, Great Basin Nat. 32:115. 1972. Nye Co.: South Fork of Pine Creek, Toquima Range, 23 Jul 1964, *Reveal 629*. Holotype, US! Isotypes, ARIZ! BRY! DS! GH! MIN! MO! NY! OKL! OKLA! RENO! RM! RSA! UC! UT! UTC! WTU!

*Eriogonum ovalifolium* Nutt. var. *nevadense* Gand., Bull. Soc. Roy. Bot. Belgique 42:193. 1906. Washoe Co.: Hills near the Truckee River, 4 May 1901, *Kennedy s.n.* Holotype, LY! Isotypes, MIN! NESH! RENO! RM! UC!

*Eriogonum ovalifolium* Nutt. var. *williamsae* Reveal, Brittonia 33:446. 1981. Washoe Co.: Steamboat Springs, 7 Jun 1979, *Williams & Tiehni 79-71*. Holotype, US! Isotypes, MARY and to be distributed.

*Eriogonum praebens* Gand. var. *divaricatum* Gand., Bull. Soc. Roy. Bot. Belgique 42:196. 1906. Washoe Co.: Peavine foothills, 27 Sep 1893, *Hillman s.n.* Holotype, LY! = *E. baileyi* S. Wats. var. *praebens* (Gand.) Reveal.

*Eriogonum puberulum* S. Wats. var. *venosum* S. Stokes, Gen. Eriog. 35. 1936. Eureka Co.: 34 mi E of Eureka, 24 Aug 1931, *J. T. Howell 7962*. Holotype, CAS! = *E. puberulum* S. Wats.

*Eriogonum pusillum* Torr. & Gray, Proc. Amer. Acad. Arts 8:184. 1870. Churchill Co. or Pershing Co.: Foothills of the Trinity Mts., May 1868, *Watson 1037*. Holotype, GH! Isotypes, K! NY! US!

*Eriogonum reliquum* S. Stokes, Leaf. W. Bot. 2:52. 1937. Clark Co.: Clarlestone Park,

Spring Mts., 9 Aug 1937, *Clokey 7491*. Holotype, CAS! Isotypes, AHFH! ARIZ! B! BALT! BM! BRY! CAN! CAS! CI! DAO! DS! DUKE! F! G! GH! IA! IDS! IND! ISC! K! LA! LCU! MARY! MICH! MIN! MO! MSC! NEB! NESH! NY! OKL! OKLA! ORE! OSC! P! PAC! PENN! PH! POM! RENO! SD! TEX! UC! US! UT! UTC! WILLU! WIS! WS! WTU! = *E. panamintense* Morton var. *panamintense*.

*Eriogonum reniforme* Torr. & Frem. var. *asarifolium* Gand., Bull. Soc. Roy. Bot. Belgique 42:196. 1906. Washoe Co.: Reno, 9 Aug 1894, *Hillman s.n.* Holotype, LY! Isotype, NESH! = *E. pusillum* Torr. & Gray.

*Eriogonum reniforme* Torr. & Frem. var. *comosum* M. E. Jones, Proc. Calif. Acad. Sci. II, 5:719. 1895. Clark Co.: Near Hole in the Rock, 10 mi above Stone's Ferry, 12 Apr 1894, *M. E. Jones 5036ao*. Lectotype, POM! = *E. reniforme* Torr. & Frem.

*Eriogonum restioides* Gand., Bull. Soc. Roy. Bot. Belgique 42:199. 1906. Washoe Co.: Reno, 9 Aug 1894, *Hillman s.n.* Lectotype, LY! Duplicate of the lectotype, NESH! = *E. baileyi* S. Wats. var. *baileyi*.

*Eriogonum revolutum* Goodding, Bot. Gaz. 37:54. 1904. Clark Co.: In low mountains near the Virgin River near Bunkerville, 9 May 1902, *Goodding 753*. Holotype, RM! Isotypes, F! G! GH! ISC! LY! MO! NEB! NESH! NY! P! POM! RM! UC! US! UT! UTC! = *Eriogonum fasciculatum* Benth. var. *polifolium* (Benth. in DC.) Torr. & Gray.

*Eriogonum rhodanthum* Nels. & Kenn., Proc. Biol. Soc. Wash. 19:35. 1906. Washoe Co.: Mt. Rose, 17 Aug 1905, *Kennedy 1184*. Holotype, RM! Isotypes, NESH! NY! UC! = *E. ovalifolium* Nutt. var. *nivale* (Canby in Cov.) M. E. Jones.

*Eriogonum robustum* Greene, Bull. Calif. Acad. Sci. 1:126. 1885. Storey Co.: Geiger Grade, NW of Virginia City, Jul 1884, *Curran s.n.* Holotype, CAS! Isotypes, BM! F! GH! = *E. lobbii* Torr. & Gray var. *robustum* (Greene) M. E. Jones.

*Eriogonum roseense* Nels. & Kenn., Proc. Biol. Soc. Wash. 19:36. 1906. Washoe Co.: Summit of Mt. Rose, 17 Aug 1905, *Kennedy 1180*. Holotype, RM! Isotypes, NDG! NESH! UC!

*Eriogonum rubricaulis* Tidestrom, Proc. Biol. Soc. Wash. 36:181. 1923. Churchill Co.:

Near Lahontan, 21 May 1916, *Headley 4*. Holotype, US! Isotype, RENO!

*Eriogonum rupinum* Reveal, *Aliso* 7:226. 1970. Nye Co.: below Rose Spring, Cedar Pass, southern Kawich Range, 9 Aug 1969, *Beatley 9458*. Holotype, US! Isotypes, ARIZ! ASC! ASU! BRY! COLO! DUKE! G! GH! ISC! K! KANU! KSC! MICH! MO! NCU! NTS! NY! OKL! OSC! P! RM! RSA! SMU! SD! TEX! UC! UT! UTC! WTU!

*Eriogonum saxatile* S. Wats. subsp. *multicaule* S. Stokes, *Leafl. W. Bot.* 3:201. 1943. Esmeralda Co.: Gold Mtn., 5 Jul 1941, *Alexander & Kellogg 2478A*. Holotype, UC! Isotype, CAS! = *E. saxatile* S. Wats.

*Eriogonum sericoleucum* Greene ex Tidestrom, *Proc. Biol. Soc. Wash.* 36:182. 1923. Carson City Co.: King's Canyon, 4 Jun 1902, *Baker 984*. Holotype, US! Isotypes, B! F! GH! MO! MSC! NY! POM! RM! VT! = *E. caespitosum* Nutt.

*Eriogonum shockleyi* S. Wats., *Proc. Amer. Acad. Arts* 18:194. 1883. Mineral Co.: Candelaria, Jun 1882, *Shockley 248*. Holotype, GH! Isotypes, DS! ISC! JEPS! MICH! NY! P! POM! UC! US!

*Eriogonum tenellum* Torr. ex Benth. in DC. var. *sessiliflorum* Gand., *Bull. Soc. Roy. Bot. Belgique* 42:198. 1906. Washoe Co.: Reno, Sep 1894, *Hillman s.n.* Holotype, LY! Isotype, NESH! = *E. microthecum* Nutt. var. *laxiflorum* Hook.

*Eriogonum thurberi* Torr. var. *acutangulum* Gand., *Bull. Soc. Roy. Bot. Belgique* 42:198. 1906. Washoe Co.: Virginia Mts., 27 Aug 1894, *Hillman s.n.* Holotype, LY! = *E. maculatum* A. A. Heller.

*Eriogonum tiehmii* Reveal, *Great Basin Nat.* 45:493-519. 1985. Esmeralda Co.: Silver Peak Range N of the road from Silverpeak to Fish Lake Valley, 1.2 air mi NNW of Cave Springs, sec. 27, T1S, R37E, 1830 m elevation, 18 May 1983, *Tiehm et al.* 8534. Holotype, US! Isotypes, BRY! CAS! MARY! NY! RENO! RSA! UTC! and to be distributed.

*Eriogonum umbellatum* Torr. var. *californicum* Gand., *Bull. Soc. Roy. Bot. Belgique* 42:199. 1906. Washoe Co.: Peavine foothills, 11 Jun 1894, *Hillman s.n.* Holotype, LY! Iso-

type, NESH! = *E. umbellatum* Torr. var. *nevadense* Gand.

*Eriogonum umbellatum* Torr. var. *juniporinum* Reveal, *Great Basin Nat.* 45. 1985. White Pine Co.: Sacramento Pass, N of the Snake Range, 13 Aug 1975, *Reveal & Reveal 3925*. Holotype, US! Isotypes, BRY! CAS! MARY! OKL! TEX!

*Eriogonum umbellatum* Torr. var. *nevadense* Gand., *Bull. Soc. Roy. Bot. Belgique* 42:198. 1906. Washoe Co.: Huffakers, near Reno, 27 May 1893, *Hillman s.n.* Holotype, LY! Isotype, NESH!

*Eriogonum umbellatum* Torr. var. *subaridum* S. Stokes, *Leafl. W. Bot.* 2:53. 1937. Clark Co.: Kyle Canyon, Spring Mts., 17 Jul 1937. *Clokey [& Clokey] 7492*. Holotype, CAS! Isotypes, B! BALT! BR! BRY! CAN! CAS! CI! DS! DUKE! GH! IA! ILL! IND! K! KANU! LA! LAM! LL! MICH! MIN! MO! MSC! NESH! NY! OKL! OKLA! P! PAC! PENN! PH! POM! RM! TEX! UC! US! UTC! VT! WIS! WVA!

*Eriogonum umbellatum* Torr. var. *vernum* Reveal, *Great Basin Nat.* 28:157. 1968. Nye Co.: N end of Shoshone Mtn. along Buckboard Mesa Rd., 1 mi W of Tippipah Spring, 4 Jun 1968, *Reveal 1139*. Holotype, UTC! Isotypes, ARIZ! BRY! CAS! CS! DS! GH! IDS! KSC! MIN! MO! MSC! NTS! NY! OKLA! RENO! RSA! TEX! US! UT! UTC! WIS!

*Eriogonum viscidulum* J. T. Howell, *Leafl. W. Bot.* 3:138. 1942. Clark Co.: Virgin River Bridge, Riverside, 8 May 1941, *Eastwood & Howell 9031*. Holotype, CAS! Isotype, CAS!

*Eriogonum watsonii* Torr. & Gray, *Proc. Amer. Acad. Arts* 8:182. 1870. Elko Co.: East Humboldt [now Ruby] Mts., 1865, *Torrey 450*. Lectotype, NY! Duplicates of the lectotype, NY! US!

#### LITERATURE CITED

- REVEAL, J. L. 1980. The genus *Eriogonum* Michx. (Polygonaceae) and Michel Gandoger. *Great Basin Nat.* 40:143-148.
- . 1985. Annotated key to *Eriogonum* (Polygonaceae) of Nevada. *Great Basin Nat.* 45:493-519.
- WELSH, S. L. 1982. Utah plant types—historical perspective 1840 to 1981—annotated list, and bibliography. *Great Basin Nat.* 42:129-195.