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ADDITIONS TO THE VASCULAR FLORA OF TETON COUNTY, WYOMING

Ronald L. Hartman¹ and Robert W. Lichvar^{1,2}

ABSTRACT.— An annotated list of 125 taxa new to the flora of Teton County is presented, increasing the number of known species to 1043.

Recently, Shaw (1976) published a "Field Guide to the Vascular Plants of Grand Teton National Park and Teton County, Wyoming," which was said to be based in part on the holdings of the Rocky Mountain Herbarium. Unfortunately, that herbarium was consulted mainly for the taxonomic groups treated by Dr. Robert D. Dorn, including the Poaceae and the genera *Artemisia* and *Salix*. Consequently, many of the 125 taxa listed below were omitted. Additionally, recent intensive collecting by the junior author in the Gros Ventre Mountains resulted in the discovery of 20 species apparently new to the flora of Teton County. This paper updates the list of known taxa for this much-visited area and emphasizes the richness of its flora (1043 species). The nomenclature and taxonomy follow that of Hitchcock and Cronquist (1973), unless otherwise indicated by synonymy. The senior author has checked determinations on those specimens not annotated by specialists in their respective groups. Dr. Dorn is acknowledged for assistance with the manuscript.

APIACEAE

Angelica roseana Hend. Teton Mts., 16 Aug 1899, A. Nelson & E. Nelson 6500, annotation by M. E. Mathias & L. Constance, 1940.

Cicuta douglasii (DC.) Coult. & Rose. Kent's Corner (S1 T41N R115W), elev. 6700 ft, 10 Aug 1977, R. Lichvar 1235.

Cymopterus terebinthinus (Hook.) T. & G. var. *calcareus* (M. E. Jones) Cronq. Teton Pass Mts., elev. 7500 and 9000 ft, 22 Jul 1920, E. B. & L. B. Payson 2073, annotation by M. E. Mathias, 1930, as *Pteryxia t.* var. *c.*

Ligusticum porteri Coult. & Rose. 7.7 mi W of Flagg Ranch, elev. 7600 ft, 14 Jul 1956, W. G. Solheim 4571; Whetstone Creek, 24 Jul 1929, O. J. Murie 86.

APOCYNACEAE

Apocynum cannabinum L. var. *glaberrimum* DC. Hot Springs Bar, 20 mi S of Jackson, 19 Jul 1901, E. D. Merrill & E. N. Wilcox 1042, cited by Woodson (1930).

ASTERACEAE

Antennaria anaphaloides Rydb. Gros Ventre River, Jackson Hole, 14 Jul 1901, E. D. Merrill & E. N. Wilcox 986; Sheep Creek (S16 T41N R115W), elev. 6900 ft, 5 Jun 1977, R. Lichvar 242.

Arnica sororia Greene. Near Moose (SW¼ S16 T43N R115W), 4 Jul 1970, D. W. Sabinse 13C.

Aster eatonii (Gray) Howell. Along Taggart Creek, elev. 7500 ft, 14 Aug 1932, L. Williams 1041, annotation by M. L. Dean, 1963; Gros Ventre River (S1 T42N R115W), elev. 6900 ft, 21 Aug 1977, R. Lichvar 1285.

Chrysopsis horrida Rydb. Gros Ventre River, 16 Aug 1894, A. Nelson 1084, annotation by V. L. Harms, 1963, as *Heterotheca horrida* (Rydb.) Harms.

Crepis runcinata (James) T. & G. ssp. *glauca* (Nutt.) Bab. & Stebb. Gros Ventre Mts., E of Gros Ventre Slide, elev. 7300 ft, 28 Aug 1949, W. G. Solheim 2733.

Erigeron corymbosus Nutt. Jackson Hole, 10 Jul 1931, L. Williams 290, annotation by A. Cronquist, 1943-44; Crystal Creek (S28 T42N R113W), elev. 7100 ft, 7 Jul 1977, R. Lichvar 655.

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Erigeron flagellaris Gray. Glacier Creek, Jackson Hole, elev. 7500 ft, 9 Aug 1920, *E. B. & L. B. Payson* 2258.

Erigeron rydbergii Cronq. Sheep Mt. (S34 T42N R114W), elev. 9800 ft, 1 Aug 1977, *R. Lichvar* 1015.

Erigeron simplex Greene. Cirque basin near Amphitheater and Surprise Lakes, elev. 9750 ft, 31 Jul 1962, *J. Merkle* 62-36; Snake River, 22 Aug 1894, *A. Nelson* 969, annotations by S. Sponberg, 1970; Sheep Mt. (S34 T42N R114W), elev. 9800 ft, 13 Jul 1977, *R. Lichvar* 804.

Erigeron ursinus D.C. Eat. Two-gwo-tee Pass, elev. 10,500 ft, 27 Jul 1932 *L. Williams* 947; Alaska Basin, W slope Teton Range, elev. 9500-10,000 ft, 14 Aug 1965, *J. Merkle* 65-44.

Gaillardia aristata Pursh. Kelly Post Office (S1 T42N R115W), elev. 6900 ft, 18 Aug 1977, *R. Lichvar* 1278.

Gnaphalium chilense Spreng. Along Snake River, 20 mi S of Jackson, 19 Jul 1901, *E. D. Merrill & E. N. Wilcox* 949.

Gnaphalium viscosum H.B.K. Cascade Canyon, elev. 7500 ft, 30 Jul 1934, *L. Williams* 1684.

Haplopappus lyallii Gray. Two Ocean Mt., Two-gwo-tee Pass, elev. 10,000 ft, 1 Aug 1933, *L. Williams* 1366.

Microseris nigrescens Hend. Near Two-gwo-tee Pass, elev. 9650 ft, *W. G. & R. Solheim* 4031.

Senecio debilis Nutt. Gros Ventre Mts., elev. 7100 ft, 28 Aug 1949, *T. F. & M. S. Reed* 2702, annotation by T. M. Barkley, 1960.

Senecio fremontii T. & G. var. *fremontii*. Near Leighs Lake, Teton Mts., 26 Jul 1901, *E. D. Merrill & E. N. Wilcox* 1047; Gros Ventre Mts., 10 mi N of Bondurant, 15 Aug 1922, *E. B. & L. B. Payson* 3022.

Senecio werneriaefolius Gray. Teton Mts., elev. 9000 ft, 21 Aug 1894, *A. Nelson* 979.

Solidago gigantea Ait. var. *serotina* (Kuntze) Cronq. Double Diamond Ranch, elev. 7000 ft, 31 Jul 1932, *L. Williams* 966.

Townsendia florifer (Hook.) Gray. Snake River, 29 May 1892, *F. McCullough s.n.*, annotation by J. H. Beaman, 1956.

Townsendia hookeri Beaman rather than *T. exscapa* as reported in Shaw (1976) according to R. Dorn (pers. comm.).

Townsendia leptotes (Gray) Osterh. Sheep Mt., ca. 14 mi NE of Jackson, elev. 11,190 ft, 30 Jul 1957, *J. H. Beaman & K. J. Stone* 1487.

Townsendia parryi D.C. Eat. Road above Upper Slide Lake, Gros Ventre River, elev. 9300 ft, 27 Jul 1955, *W. G. & R. Solheim* 4143; Sheep Mt. (S33 T42N R115W), elev. 11,100 ft, 13 Jul 1977, *R. Lichvar* 824.

BORAGINACEAE

Cryptantha ambigua (Gray) Greene. Near Moose (SE¹4, S27 T43N R115W), 1 Jul 1971, *D. W. Sabinke* B3.

BRASSICACEAE

Arabis lemmonii Wats. Teton Pass Mts., elev. 10,100 ft, 25 Jul 1920, *E. B. & L. B. Payson* 2135.

Arabis microphylla Nutt. var. *microphylla*. Treasure Mt. Scout Camp, Teton Canyon, 25 Jun 1955, *L. C. Anderson* 109.

Barbarea vulgaris R. Br. Elk Ranch, elev. 6900 ft, 13 Jun 1948, *J. F. & M. S. Reed* 2318.

Berteroa incana (L.) DC. Alta, Jun 1969, *H. P. Alley s.n.*

Descurainia californica (Gray) Schultz. Snow King Mt. (S7 T41N R116W), elev. 7700 ft, 22 Jun 1977, *R. Lichvar* 407.

Draba lanceolata Royle. Sheep Mt. (S16 T41N R114W), elev. 10,000 ft, 23 Jun 1977, *R. Lichvar* 462.

Draba praealta Greene. Hoback Canyon, elev. 7500 ft, 23 Jun 1933, *L. Williams* 1143, annotation by C. L. Hitchcock, 1939.

Erysimum inconspicuum (Wats.) MacM. Bacon Creek, 15 Aug 1894, *A. Nelson* 916.

Hesperis matronalis L. Snow King Mt. (S7 T41N R116W), elev. 6700 ft, 22 Jun 1977, *R. Lichvar* 392.

Physaria didymocarpa (Hook.) Gray var. *integrifolia* Rollins. Near Adams Ranch, Jackson, 15 Jul 1901, *E. D. Merrill & E. N. Wilcox* 965; Gros Ventre River, 16 Aug 1894, *A. Nelson* 927.

Rorippa curvipes Greene var. *curvipes* (*R. obtusa* (Nutt.) Britt. var. *obtusa*). Lizard Point, N end Jackson Lake, elev. 6600 ft, 15 Aug 1961, *C. L. & M. Porter* 8529a, duplicate annotated by R. L. Stuckey, *s.d.*

Rorippa curvipes Greene var. *alpina* (Wats.) Stuckey (*R. obtusa* (Nutt.) Britt. var.

alpina (Wats.) Britt.). E slope Grand Teton, elev. 8500 ft, 6 Aug 1920, *E. B. & L. B. Payson* 2210, duplicate annotated by *R. L. Stuckey, s.d.*

Sisymbrium altissimum L. Gros Ventre River (S1 T42N R115W), elev. 6800 ft, 27 Jun 1977, *R. Lichvar* 497.

Subularia aquatica L. Near Togwotee Pass, elev. 9600 ft, 28 Aug 1952, *C. L. Porter* 6211.

Thelypodium paniculatum A. Nels. Bacon Creek, 15 Aug 1894, *A. Nelson* 922.

CALLITRICHACEAE

Callitriche hermaphroditica L. Near Togwotee Pass, elev. 9000 ft, 4 Aug 1953, *C. L. Porter* 6373.

CARYOPHYLLACEAE

Arenaria stricta Michx. ssp. *dawsonensis* (Britt.) Maguire. Vicinity of Hoback Canyon, elev. 7500 ft, 24 Jun 1932, *L. Williams & R. Pierson* 718.

Dianthus armeria L. Near Pilgrim Creek, 17 Aug 1965, *A. A. Beetle s.n.*

Stellaria jamesiana Torr. Hoback Canyon, 6 mi SE of Hoback Junction, elev. ca. 7000 ft, 7 Jun 1969, *R. L. Hartman* 2845.

CHENOPODIACEAE

Chenopodium glaucum L. var. *salinum* (Standl.) Boiv. Near Gros Ventre River, 9 or 10 mi E of the slide, elev. 7100 ft, 28 Aug 1949, *J. F. & M. S. Reed* 2700; Jackson Lake, 24 Aug 1922, *E. B. & L. B. Payson* 3087, annotations by *H. A. Wahl*, 1960.

Chenopodium leptophyllum (Moq.) Wats. Gros Ventre Road (S4 T42N R115W), elev. 7100 ft, 18 Aug 1977, *R. Lichvar* 1281.

CYPERACEAE

Carex backii Boott. Treasure Mt. Scout Camp, Teton Canyon, 25 Jun 1956, *L. C. Anderson* 359, annotation by *F. J. Hermann*, 1958, as *C. saximontana* Mack.

Carex buxbaumii Wahl. E shore String Lake, elev. ca. 6000 ft, 29 Jul 1964, *W. M. Johnson* 465, annotation by *F. J. Hermann*, 1964.

Carex illota Bailey. Alaska Basin, W slope Teton Range, elev. 9500–10,000 ft, 14 Aug 1965, *J. Merkle* 65–62.

Carex muricata L. Jackson Hole, 24 Jul 1901, *E. D. Merrill & E. N. Wilcox* 907.

Carex nardina Fries. Summit of Table Mt., elev. 11,100 ft, 17 Jul 1956, *L. C. Anderson* 532; Head of S Fork Cascade Canyon, elev. 10,500 ft, 1 Aug 1949, *H. & V. Bailey* 4936, annotations by *F. J. Hermann*, 1958 as *C. hepburnii* Boott.

Carex norvegica Retz. Just E of Treasure Lake, Teton Canyon, 22 Jun 1956, *L. C. Anderson* 347, annotation by *F. J. Hermann*, 1958, as *C. media* R. Br.

Carex nova Bailey. Teton Mts., 16 Aug 1899, *A. Nelson & E. Nelson* 6527, annotation by *F. J. Hermann*, 1958, as *C. pelocarpa* Hermann.

Carex praticola Rydb. Grassy Lake road W of Flagg Ranch, elev. 6600 ft, 9 Jul 1959, *C. L. & M. W. Porter* 7876, annotation by *F. J. Hermann*, 1959.

Eleocharis flavescens (Poir.) Urban, Flagg Ranch, Jul 1954, *A. A. Beetle* 16409.

Eleocharis rostellata Torr. Huckleberry Hot Springs, 12 Aug 1974, *A. A. Beetle s.n.*

Eriophorum polystachion L. Grand Teton National Park, elev. 7000 ft, 1 Aug 1932, *L. Williams* 989.

DIPSACACEAE

Knautia arcensis (L.) Coult. Jackson, Jun 1969, *H. P. Alley s.n.*

ERICACEAE

Vaccinium globulare Rydb. Along Taggart Creek, elev. 7500 ft, 15 Jun 1933, *L. Williams* 1123, cited by *Camp* (1942).

FABACEAE

Astragalus argophyllus Nutt. Near Snake River at Simon's, E of Moran, elev. 6750 ft, 2 Jun 1948, *J. F. & M. S. Reed* 1833, annotation by *R. C. Barneby*, 1960.

Astragalus diversifolius Gray. Gros Ventre River, 16 Aug 1894, *A. Nelson* 1086.

Astragalus eucosmus Robins. Spread Creek, E side of Jackson Hole, elev. 7200 ft, 13 Jun 1948, *J. F. & M. S. Reed* 2261, annotation by *R. C. Barneby*, 1960.

Astragalus miser Dougl. ex Hook. var. *tenuifolius* (Nutt.) Barneby. Vicinity of Hoback Canyon, elev. 8000 ft, 24 Jun 1932, *L. Williams* & *R. Pierson* 721, annotation by *D. Isely*, 1976.

Astragalus tenellus Pursh. Near Adams Ranch, Jackson Hole, 15 Jul 1901, *E. D. Merrill* & *E. N. Wilcox* 964.

Lupinus wyethii Wats. Grand Teton National Park, elev. 7000 ft, 21 Jun 1932, *L. Williams* 680b; Two-gwo-tee Pass, elev. 10,500 ft, 27 Jul 1932, *L. Williams* 940, annotations by *B. J. Cox*, 1969.

Oxytropis sericea Nutt. var. *spicata* (Hook.) Barneby. Near mouth of Fish Creek, Gros Ventre drainage, 28 Jun 1958, *D. E. Wilbert* 5.

Oxytropis viscida Nutt. Gros Ventre River, 16 Aug 1894, *A. Nelson* 928; Sportsmans Ridge (S10 T40N R112W), elev. 9200 ft, 21 Jul 1977, *R. Lichvar* 980.

GENTIANACEAE

Gentiana barbellata Engelm. Crystal Creek divide, 25 Aug 1933, *O. J. Murie* 1052.

Gentiana prostrata Haenke. E of the slide, Gros Ventre Mts., elev. 7300 ft, 28 Aug 1949, *J. F. & M. S. Reed* 2701.

GROSSULARIACEAE

Ribes aureum Pursh. Snake River bottom, 6 mi SW of Jackson, elev. 6000 ft, 29 Jun 1933, *L. Williams* 1185.

HYDROCHARITACEAE

Elodea longicarinata St. John. Two-Ocean Lake, elev. 6900 ft, 4 Aug 1953, *C. L. Porter* 6365.

HYDROPHYLLACEAE

Phacelia linearis (Pursh) Holz. Snake River, 29 May 1892, *F. McCoullough* s.n., annotation by *G. W. Gillett*, 1958.

JUNCACEAE

Juncus nodosus L. 2 mi SW of Jackson, elev. 2000 m, 30 Aug 1949, *J. F. Reed* 2727.

Juncus torreyi Cov. Teton Mts., 21 Aug 1895, *A. Nelson* 956, annotation by *F. J. Hermann*, 1957.

JUNCAGINACEAE

Triglochin palustris L. 2 mi SW of Jackson, elev. 2000 m, 30 Aug 1949, *J. F. Reed* 2726; Near Gros Ventre River, ca. 9 mi above the slide, elev. 7100 ft, 28 Aug 1949, *J. F. & M. S. Reed* 2697.

LAMIACEAE

Nepeta cataria L. Kelly Warm Springs (S1 T42N R115W), elev. 6800 ft, 10 Aug 1977, *R. Lichvar* 1240.

Stachys palustris L. var. *pilosa* (Nutt.) Fern. 20 mi S of Jackson, 19 July 1901, *E. D. Merrill* & *E. N. Wilcox* 953.

LEMNACEAE

Lemna minuta H.B.K. Third Creek near Swan Lake, 10 Jun 1959, *J. Wethrell* 40.

LILIACEAE

Allium cernuum Roth. Big Cow Creek (S3 T41N R112W), elev. 8100 ft, 30 Jul 1977, *R. Lichvar* 993.

Asparagus officinalis L. Gros Ventre River at Kelly (S1 T42N R115W), elev. 6700 ft, 27 Jun 1977, *R. Lichvar* 496.

Calochortus nuttallii T. & G. Teton Pass Mts., elev. 7000 ft, 22 Jul 1920, *E. B. & L. B. Payson* 2093, annotation by *M. Ownbey*, 1939.

MALVACEAE

Sidalcea oregana (Nutt.) Gray var. *oregana*. Granite Creek, vicinity of Hoback Canyon, elev. 8000 ft, 10 Jul 1932, *L. Williams* 536.

NAJADACEAE

Najas guadalupensis (Spreng.) Morong. Kelly Warm Springs, elev. 6700 ft, 17 Aug 1971, *R. D. Dorn* 1424.

ONAGRACEAE

Clarkia pulchella Pursh. Snake River, 29 May 1892, *F. McCoullough s.n.*, annotation by M. & H. Lewis, 1951.

ORCHIDACEAE

Habenaria saccata Greene. Jackson Hole, elev. 6700 ft, 8 Aug 1920, *E. B. & L. B. Payson 2248*, annotation by D. S. Correll, 1946; Granite Creek (S5 T39N R113W), elev. 8200 ft, 10 Jul 1977, *R. Lichvar 721*.

OROBANCHACEAE

Orobanche corymbosa (Rydb.) Ferris. Near Cliff Creek, Hoback Canyon, 19 Aug 1922, *E. B. & L. B. Payson 3078*, annotation by L. R. Heckard, *s.d.*

PLANTAGINACEAE

Plantago tweedyi Gray. Trail Creek, vicinity of Teton Pass, elev. 7500 ft, 1 Jul 1932, *L. Williams 790*.

POLEMONIACEAE

Gilia spicata Nutt. Sportsmans Ridge (S10 T40N R112W), elev. 9200 ft, 21 Jul 1977, *R. Lichvar 977*; Curtis Canyon Campground (S16 T41N R115W), elev. 8000 ft, 5 Jun 1977, *R. Lichvar 263*.

Gilia tenerrima Gray. Near Moose (NW¼, S12 T44N R115W), 3 Jul 1970, *D. W. Sabinke 12A*; Teton Canyon, 11 mi E of Driggs, Idaho, 2 Jun 1956, *L. C. Anderson 264*.

Navarretia breweri (Gray) Greene. Gros Ventre River, 18 Aug 1894, *A. Nelson 1094*.

POLYGONACEAE

Erigonum brevicaule Nutt. var. *laxifolium* (T. & G.) Reveal (*E. chrysocephalum* Gray). Bacon Creek, 15 Aug 1894, *A. Nelson 903*; Gros Ventre slide area, elev. 7000 ft, 10 Jul 1959, *C. L. & M. W. Porter 7892*, annotations by J. L. Reveal, 1971; Soda Creek (S14 T41N R112W), elev. 7200 ft, 21 Jul 1977, *R. Lichvar 941*.

Polygonum achoreum Blake. Jackson Hole Wildlife Park, elev. 6750 ft, 25 Aug 1949, *J. F. & M. Reed 2674*.

Polygonum confertiflorum Nutt. Near Jackson Lake, elev. 6750 ft, 21 Aug 1935, *M. Ownbey 976*; Snake River, 15 Aug. 1899, *A. Nelson & E. Nelson 6463*, annotations by J. O. Coolidge, 1963.

Polygonum sawatchense Small. Two-gwo-tee Pass, 25 Jul 1939, *Miss Gooding 39-139*.

Polygonum watsonii Small. Jackson Lake, 21 Aug 1899, *A. Nelson & E. Nelson 6556*; Hwy. 89, 2 mi S of Moran, 27 Jul 1939, *J. F. Brenckle & O. A. Stevens 44*, annotations by J. O. Coolidge, 1963.

PRIMULACEAE

Primula incana Jones. Hot Spring Bar, 20 mi S of Jackson, 19 Jul 1901, *E. D. Merrill & E. N. Wilcox 1039*; Adams Ranch, Jackson Hole, 14 Jul 1901, *E. D. Merrill & E. N. Wilcox 990*; Soda Lake (S11 T41N R112W), elev. 7100 ft, 21 Jul 1977, *R. Lichvar 937*.

POTAMOGETONACEAE

Potamogeton amplifolius Tuckerman. In Lake of the Woods, near the Continental Divide, elev. 9400 ft, 8 Aug 1956, *C. L. Porter 7196*.

Potamogeton epihydrus Raf. Signal Mt., elev. 6800 ft, 19 Jul 1963, *C. L. & M. W. Porter 9401*.

RANUNCULACEAE

Anemone parviflora Michx. Teton Pass Mts., elev. 9500 ft, 25 Jul 1920, *E. B. & L. B. Payson 2134*.

Anemone nuttalliana DC. Snow King Mt., (S35 T41N R116W), elev. 6500 ft, 25 May 1978, *R. Lichvar 1446*.

Delphinium burkei Greene. N drainage of Pilgrim Creek, E of Colter Bay, 20 Jul 1957, *A. A. Beetle 13974*, annotation by R. J. Taylor, 1960.

Ranunculus gmelinii DC. Lower Slide Lake (S5 T42N R114W), elev. 6900 ft, 4 Jul 1977, *R. Lichvar 572*.

Ranunculus uncinatus D. Don var. *parviflorus* (Torr.) Benson. Snake River bottom, elev. 6500 ft, 28 Jul 1932, *L. Williams 754*, annotations by L. Benson, 1945.

ROSACEAE

Potentilla ovina Macoun. Summit of Table Mt., elev. 11,100 ft, 7 Jul 1956, L. C. Anderson 429; Togwotee Pass, 8 Jul 1940, L. E. Wehmeyer et al. 5322 (NY), annotations by B. C. Johnston, 1979.

Potentilla hookeriana Lehm. Hoback Canyon, elev. 7500 ft, 24 Jun 1933, L. Williams 1164, annotation by B. C. Johnston, 1978.

Pyrus malus L. Kelly Warm Springs (S1 T42N R115W), elev. 6800 ft, 15 Aug 1977, R. Lichvar 1237.

SALICACEAE

Populus acuminata Rydb. Gros Ventre River (S1 T42N R115W), elev. 6800 ft, 27 Jun 1977, R. Lichvar 524.

SAXIFRAGACEAE

Conimitella williamsii (D.C. Eat.) Rydb. Hoback Canyon, elev. 7500 ft, 23 Jun 1933, L. Williams 1144.

Saxifraga adscendens L. var. *oregonensis* (Raf.) Breit. N side of the Grand Teton, elev. 11,000 ft, 10 Aug 1932, L. Williams 1016.

Saxifraga caespitosa L. var. *minima* Blake. Single-Shot Mt., 4 Jul 1897, R. S. Williams s.n., cited by Hitchcock et al. (1961).

Saxifraga cernua L. Sheep Mt. (S3 T41N R114W), elev. 10,500 ft, 1 Aug 1977, R. Lichvar 1028.

SCROPHULARIACEAE

Castilleja gracillima Rydb. Blackrock Creek, Two-gwo-tee Pass, elev. 9500 ft, 29 Jul 1932, L. Williams 960, annotation by M. Ownbey.

Mimulus tilingii Regel. Grand Teton National Park, elev. 7000 ft, 22 Jul 1933, L. Williams 1322.

Orthocarpus tolmiei H. & A. Teton Pass Mts., elev. 8000 ft, 22 Jul 1920, E. B. & L. B. Payson 2072, annotation by D. D. Keck, 1926.

Penstemon glaber Pursh ssp. *glaber*. Gros Ventre slide area, elev 7000 ft, 10 Jul 1959, C. L. & M. W. Porter 7895, annotation by F. S. Crosswhite, 1969.

Penstemon rydbergii A. Nels. var. *rydbergii*. Grand Teton National Park, elev. 8000 ft, 19 Jul 1932, L. Williams 892, annotation by D. V. Clark, 1971.

Synthyris pinnatifida Wats. Teton Pass Mts., elev. 9200 ft, 22 Jul 1920, E. B. & L. B. Payson 2079, annotation by C. G. Schaaek, 1975; Cache Divide (S14 T40N R115W), elev. 9200 ft, 4 Aug 1977, R. Lichvar 1166.

Veronica scutellata L. Jackson Lake, 12 Aug 1899, A. Nelson & E. Nelson 6561, annotation by F. W. Pennell, 1920.

SOLANACEAE

Solanum dulcamara L. Spalding Bay (S34 T44N R114W), elev 6400 ft, 1 Aug 1978, R. Lichvar 1604.

VIOLACEAE

Viola canadensis L. var. *canadensis*. Vicinity of Hoback Canyon, elev. 7000 ft, 25 Jun 1932, L. Williams & R. Pierson 731, annotation by N. H. Russell, 1967.

Viola nephrophylla Greene. Hot Spring Bar, 20 mi S of Jackson, 19 Jul 1901, E. D. Merrill & E. N. Wilcox 1040; Vicinity of Moran, 7500-8500 ft, 22-30 Jun 1935, T. G. Yuncker 5291, annotations by N. H. Russell, 1967.

LITERATURE CITED

- HITCHCOCK, C. L., A. CRONQUIST, M. OWNBEY, AND J. W. THOMPSON. 1961. Vascular plants of the Pacific Northwest. University of Washington Press, Seattle, vol. 3, 614 pp.
- HITCHCOCK, C. L., AND A. CRONQUIST. 1973. Flora of the Pacific Northwest. University of Washington Press, Seattle, xix + 730 pp.
- SHAW, R. J. (with major contributions by R. D. Dorn). 1976. Field guide of the vascular plants of Grand Teton National Park and Teton County, Wyoming. Utah State University Press, Logan, xvi + 301 pp.