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CHROMOSOME NUMBERS IN THE ALLIEAE (LILIACEAE)

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As part of a study of certain New World species of Allieae (Liliaceae) chromosome counts are being made of all cultures under investigation. Because completion of this project may require several years, these determinations will be reported in a series of short accounts in this journal in order to make them available to those who are interested. Names are the ones used by the latest monographer and do not necessarily reflect the views of the author concerning the status of the taxa or species alignment in this complex tribe. Due to the frequent presence of polyploidy within single populations, voucher specimens made in the field are inadequate unless the specimen preserved is the plant from which the determination was actually made.

ALLIUM PRAECOX Bdg.- $2n=14$. Two miles from Isthmus, rd. to Little Harbor, Santa Catalina Island, Los Angeles Co., Calif. *C. B. Wolfe*, RSABG Prop. 5200.

BESSERA ELEGENS Schult. f.- $2n=16$. Corms obtained from van Tubergen Nurseries, Holland. Native of Mexico.

BLOOMERIA CROCEA (Torr.) Cov.- $2n=18$. Santa Monica Mts., Los Angeles Co., Calif., *P. C. Everett & E. K. Balls*, RSABG Prop. 10298.

BRODIAEA ORCUTTII (Greene) Baker- $2n=24$. Kearney Mesa, San Diego Co., Calif. *I. L. Sealander*, RSABG Prop. 12215-3.

DICHELOSTEMMA MULTIFLORUM (Benth.) Heller.- $2n=18$. One mile north of Ophir, Placer Co., Calif., *Lee W. Lenz 24639*, RSABG Prop. 12212-2.- $2n=36$. Meadow Vista, 0.5 mile south of grammar school, Placer Co., Calif. *Lee W. Lenz 24636*, RSABG Prop. 12209-1.- $2n=45$. Garden grown from corms collected 5.3 miles from Eagle Camp., rd. to Scott Mt., Trinity Co., Calif., *E. K. Balls*, RSABG Prop. 9292-2.

D. VOLUBILE (Kell.) Heller.- $2n=18$. Wyle Ranch, North Fork, Madera Co., Calif., *Lee W. Lenz 24613*, RSABG Prop. 12186-2.

D. PULCHELLUM (Salisb.) Heller.- $2n=18$. Coffee Cr. Camp, Tule River, Tulare Co., Calif., *Lee W. Lenz 24594*, RSABG Prop. 12140-2.- $2n=27$. Wyle Ranch, North Fork, Madera Co., Calif., *Lee W. Lenz 24608*, RSABG Prop. 12181-1.- $2n=36$. Bluffs at Dana Point, Orange Co., Calif., *Lee W. Lenz 24585*, RSABG Prop. 12125-1.- $2n=45$. Parker Hill rd., Sonoma Co., Calif., *R. F. Thorne 34327*, RSABG Prop. 12147-1.- $2n=54$. Saddle Rock Ranch, Santa Monica Mts., Los Angeles Co., Calif. *Lee W. Lenz 24598*, RSABG Prop. 12128-3.- $2n=72$. Ca. 2 miles west of U.S. Hwy. 395, San Diego Co. rd. 13, San Diego Co., Calif., *Lee W. Lenz 24601*, RSABG Prop. 12149-2.

D. PULCHELLUM (Salisb.) Heller var. *PAUCIFLORUM* (Torr.) Hoover.— $2n=36$. 4 miles north of Banning on San Gorgonio Ave., Riverside Co., Calif., *R. Rutherford* 270, RSABG Prop. 12152-2.

LEUCOCORYNE IXIODES Lindl.— $2n=18$. Bulbs obtained from van Tubergen Nurseries, Holland. Native of Chile.

MILLA BIFLORA Cav.— $2n=42$. Grown from corms obtained from van Tubergen Nurseries, Holland. Native of Arizona, New Mexico, Mexico & Guatemala. RSABG Prop. 180098.

M. MAGNIFICA H. E. Moore.— $2n=18$. Slopes above Rio de los Sabinos near Sabinos, 36-38 km from Iguala on rd. to Teloloapin, Gro., Mexico, *H. E. Moore* 5974. Count made from offsets of type corm.

MULLA MARITIMA (Torr.) S. Wats.— $2n=20$. Tweedy Lake rd., 1.4 miles north of Pine Canyon rd., near west end of Portal Ridge, Los Angeles Co., Calif., *W. Thompson* 3, RSABG Prop. 11918.

PETRONYPHE DECORA H. E. Moore.— $2n=18$. Beyond Acuhuizotla, Gro., Mexico, *H. E. Moore* 5105bis. Count made from offsets of type corm.

TRITELEIA ANALINA (Greene) Hoover.— $2n=10$. Kern-Tulare Co. line, Glennville-White River rd., Tulare Co., Calif., *Lee W. Lenz* 24590, RSABG Prop. 12136-1.

T. HYACINTHINA (Lindl.) Greene.— $2n=28$. Garden grown from seed collected 8 miles below Dedrick, Trinity Co., Calif., *E. K. Balls*, RSABG Prop. 10711-3.— $2n=84$. East of Fair Oaks, Sacramento Co., Calif., *Lee W. Lenz* 24617, RSABG Prop. 12190-3.

T. IXIODES (Ait. f.) Greene.— $2n=14$. Main rd. from Carmel Valley to Salinas, turn 3 miles west of Robles del Rio, Monterey Co., Calif., *E. K. Balls*, RSABG Prop. 6738.

T. LAXA Benth.— $2n=16$. Grown in garden from corms collected 13.6 miles west of Tehachapi on rd. to Bakersfield, Kern Co., Calif., *E. K. Balls & Lee W. Lenz*, RSABG Prop. 11068.— $2n=32$. Four miles above Springville on rd. to Tule River Canyon, Tulare Co., Calif., *Lee W. Lenz* 24593, RSABG Prop. 12139-2.— $2n=48$. Wyle Ranch, North Fork, Madera Co., Calif., *Lee W. Lenz* 24612, RSABG Prop. 12185-1. (white flowered).

TRITELEIOPSIS PALMERI (Wats.) Hoover.— $2n=33$. Sand dunes ca. 12 miles east of Yuma, Yuma Co., Ariz., *Lee W. Lenz* 24600, RSABG Prop. 12148.