

128586 to 128665—Continued

128641. No. 543. Fruit small, smooth, flat, red.

128642. No. 544. Fruit oblong, flat, red.

128643. No. 545. Fruit small, pink.

128644 to 128648. *LYCOPERSICON PERUVIANUM* var. *DENTATUM* Dun.

128644. No. 516. Collected March 27, 1938, at the base of a mountain about 10 miles east of Moquegua, Peru, in dry gravelly soil along a mud wall. Fruit green, $1\frac{1}{8}$ inches in diameter.

128645. No. 475. From the Lluta Valley, between Lluta and Arica, Chile, March 24, 1938, between 150 and 200 feet altitude, in moist gravelly soil. Fruit white, tinged faintly with yellow and having a purplish stripe from stem almost to the tip; 2-celled; calyx slender, short, one-half the length of the fruit; maximum size about $\frac{1}{2}$ inch in diameter.

128646. No. 476. Lluta Valley, between Lluta and Arica, Chile, March 23, 1938, between 120 and 200 feet altitude. Fruit less than 1 inch in diameter, 2-celled, calyx small, slender.

128647. No. 477. From the Azapa Valley, southeast of Arica, Chile, between 100 and 200 feet altitude, March 24, 1938. Fruit less than $\frac{1}{2}$ inch in diameter, white with purplish glow about the stem end, 2-celled, calyx lobes small.

128648. No. 478. From the Azapa Valley, Chile, March 24, 1938, at about 150 feet altitude. Fruit up to $\frac{2}{3}$ inch in diameter, some 3-celled with a tendency to be flat. Calyx slender, one-half to two-thirds the length of the fruit, which has faint purplish stripes.

128649. *LYCOPERSICON PERUVIANUM* (L.) Mill.

No. 479. From the Azapa Valley, southeast of Arica, Chile, March 24, 1938. A prostrate spreading perennial; fruit less than $\frac{1}{2}$ inch in diameter; sepals practically as long as the fruit; purplish stripes tending to form a network.

128650 and 128651. *LYCOPERSICON PERUVIANUM* var. *DENTATUM* Dun.

From the Azapa Valley, east to southeast of Arica, Chile, March 24, 1938, at 150 feet altitude.

For previous introduction see 128648.

128650. No. 480. Fruit less than $\frac{1}{2}$ inch in diameter, deep purple, streaked.

128651. No. 481. Fruit about $\frac{1}{2}$ inch in diameter, dull dark purple.

128652. *LYCOPERSICON* sp.

No. 482. From the Azapa Valley, southeast of Arica, Chile, between 150 and 200 feet altitude, March 24, 1938. Fruit white with very faint markings of purple, $\frac{1}{2}$ inch in diameter; 2-celled; calyx small.

128653. *LYCOPERSICON PERUVIANUM* (L.) Mill.

No. 483. From the Azapa Valley, southeast of Arica, Chile, at 200 feet altitude. Fruit about $\frac{1}{2}$ inch in diameter, brilliant yellow to yellowish white, variable; calyx small.

For previous introduction see 128649.

128654 and 128655. *LYCOPERSICON PERUVIANUM* var. *DENTATUM* Dun.

128654. No. 484. From the Azapa Valley, southeast of Arica, Chile, at 200 feet altitude, in sandy gravelly loam, from the margin of a field.

128655. No. 485. From Chacarilla, Tarapaca Province, Chile, March 25, 1938, southeast of Arica, at 300 feet altitude, in land recently flooded by high water. An unusual type.