

217390. OPERCULINA TUBEROSA (L.) Meisn. Convolvulaceae.

From Angola. Seeds presented by the American Consulate, Luanda. Received Apr. 30, 1954.

217391. SOLANUM. Solanaceae.

From England. Tubers presented by H. S. Howard, Plant Breeding Institute, Cambridge. Received May 3, 1954.

Sherry Champion × *Shamrock*.

217392 to 217403. TRIFOLIUM MEDIUM Huds. Fabaceae.**Mammoth clover.**

From Sweden. Seeds presented by the Sveriges Utsadesforenings Ultunafilial, Uppsala. Received May 3, 1954.

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| 217392. From Sunnersta, Uppland. | 217398. From Kalman. |
| 217393. From Eke, Gotland. | 217399. From Sjogestad. |
| 217394. From Ultuna. | 217400. From Kolback. |
| 217395. From Lejondal, Uppland. | 217401. From Avesta. |
| 217396. From Ansio. | 217302. From Koping. |
| 217397. From Lindorid, Skane. | 217403. From Vickleyby, Oland. |

217404 to 217413. ZEA MAYS L. Poaceae.**Corn.**

From Iowa. Seeds planted at the Regional Plant Introduction Station, Ames. Numbered May 4, 1954.

Varieties showing extreme variation.

The following types and varieties are considered endemic and are maintained as germplasm for breeding work.

Open-pollinated.

217404. *Argentine Pop.* A small-eared, tiny-kernelled, prolific variety from the Argentine. Red pericarp. Similar to the grave popcorns of Argentina.
217405. *Gourdseed.* The extreme white dent corn from the southern United States, which is one of the ancestors of modern United States varieties.
217406. "*Japanese Hull-less.*" Neither Japanese nor hull-less. High quality rice popcorn very similar to the ancient popcorns of Mexico City. Low knob numbers. Difficult to smear. High row number; ears more or less fasciated.
217407. *Ladyfinger.* A late-maturing, prolific, high quality popcorn, very similar to the ancient popcorns of Peruvian graves.
217408. *Longfellow Flint.* A typical yellow 8-rowed Northern Flint.
217409. *Maiz Chapolote.* Primitive popcorn from western Mexico. Shows close similarity to teosinte in various characters. Narrow cob, irregular kernel shape, brown pericarp. Large knobs, variable in number from plant to plant.
217410. *Papago Flour Corn.* Obtained from the Papago Indians in the desert south of Tucson, Arizona. Yellow flour corn of high quality for human food. Drought resistant; early maturing in late plantings; slender leaves, long mesocotyl.
217411. *Tama Flint.* Essentially a northern flint variety from the Sac and Fox Indians in Iowa. Slightly mixed with Great Plains maize.
217412. *Tom Thumb.* Very early and small-eared.
217413. *Zapalote Chico.* From southern Mexico, but comparatively independent of length of day; 8- to 10-rowed; very short ears; very dented kernels.