

translucent, whitish aril which is the part eaten. The seeds do not adhere to the wall of the seed cavity as in the papaya, but, together with the arils surrounding them, entirely fill the cavity. The flavor of the arils is sweet and aromatic, very pleasant, and quite distinct from that of the flesh of the papaya." (Popenoe.)

Carissa carandas (Apocynaceae), 46636. From Philippine Islands. Presented by Mr. P. J. Wester, Agricultural Advisor, Zamboanga, P. I. "A thorny shrub from India, with black plumlike fruits having semitransparent, sub-acid flesh of very good flavor. A very good fruit eaten out of hand and would probably make a good preserve. One of the best small fruits introduced into the Philippines within recent years." (Wester.)

Chenopodium nuttalliae (Chenopodiaceae), 46632. From Mexico. Purchased through Mrs. Zelia Nuttall, Casa Alvarado, Coyoacan, Mexico. "Black-seeded form from Xochimilco, which the agriculturists there consider the best. It is of last year's crop which is particularly prized. Several Indians told me that **huauhtzontli** was considered 'more nourishing than meat.' My cook prepares it as follows: she makes bunches of the inflorescence, ties them and boils them in water and salt, then scrapes off the green seeds and shapes the mass like a small flat croquette, puts a small piece of cheese into it, dips the whole in batter made of egg and a little flour, and fries like croquettes. Sometimes she makes what looks like an omelet in the same way." (Nuttall.)

Citrus nobilis (Rutaceae), 46646. **Mandarin orange.** From Kioto, Japan. Cuttings presented by Mr. H. Atherton Lee, of the Bureau of Plant Industry. "Budsticks of the **Chu Kaa** (Vermilion orange), a variety of *Citrus nobilis*. The fruits of the **Chu Kaa** are smooth-skinned but easily peeled as with the other Mandarin varieties. The color is a light orange at the stem, becoming a deeper orange, almost red, at the blossom end; flesh delicate with little or no rag; core very small. The shape is more nearly globose than that of most Mandarin varieties. The juice is as desirable in taste as that of any citrous fruit I have tasted. The fruit is but few-seeded, for the most part having no seeds or but one. One orange was found having three seeds. This variety is resistant to citrus canker. Should it be as successful under States conditions as it is in Swatow, it would easily rival the Washington Navel, the Valencia, and the Satsuma, in popularity." (Lee.)