

oil deposits a solid barosma camphor which, when purified, has the odor of peppermint. The leaves contain the most oil in January or February but it is better to clip the twigs in early March, after most of the seeds have fallen. In clipping, care is taken to leave a sufficient number of buds for the next year's growth. Leaves of one year's growth are far superior to those two years old. They are astringent and contain a bitter substance which acts beneficially on the stomach. The Hottentots and Bushmen used a solution of the leaves for bladder and kidney complaints, and the roots for snake bites. (Adapted from The Agricultural Journal of the Union of South Africa, April, 1893, July and December, 1913.)

Barosma crenulata (Rutaceae), 47954. From Burttholm, Vereeniging, Transvaal, South Africa. Seeds presented by Mr. J. Burttt-Davy. The large-leaved buchu, - the kind most esteemed in the colony, although not the highest priced in London, - is often distinguished as the "true buchu." It is a twiggy shrub, 3 to 4 feet high with smooth purplish branchlets, and leaves 1 to $1\frac{1}{2}$ inches long. The pale purplish flowers, produced in October and November, are very plentiful and last for a long time. The uses are the same as those of *B. betulina*. (Adapted from The Agricultural Journal of the Union of South Africa, April, 1893.)

Brassica besseriana (Brassicaceae), 47928. **Mustard.** From Aden, Arabia. Presented by Mr. Addison E. Southard, American consul. "Two kinds of mustard are grown in the Yaffai Dthala districts of the Aden hinterland; and in the Arabian Red Sea districts of Dubham, Shargah, Koraisha, Hojaria, and other places. These two kinds are known in Arabic as *khardal* (or *ghardal*) and *tartar*. The first-named variety yields but little oil while the latter yields proportionately a good deal of oil. The clerk in this consulate has been sent to canvass the Arab families in Aden and Sheikh Othman with whom he has acquaintance, and has succeeded in obtaining from the medicine chest of one old gentleman a few grams of the *khardal* (or *ghardal*) variety which are herewith enclosed." (Southard.)

Bucklandia populnea (Hamamelidaceae), 47649. From Darjeeling, India. A collection of seeds presented by Mr. G. H. Cave, director, Lloyd Botanic Garden. A large