

Amorphophallus konjac (Araceae), 47226. **Konyaku.** From Japan. Tubers collected by Mr. Walter T. Swingle, Bureau of Plant Industry. "Starch from these tubers is used for food in Japan. During the war the starch prepared from this plant was exported to the United States,— it is said to be used in treating aeroplane wings. In Japan, **konyaku** is grown under the shade of orange trees, and as it seems to be important both for food and for industrial starch, I am anxious to see what it will do in this country." (Swingle.)

Annona senegalensis (Annonaceae), 47214. **Abo.** From Southern Provinces, Nigeria. Seeds presented by Mr. A. H. Kirby, Asst. Director of Agriculture, Ibadan. "No European production in any way resembles the *Annona senegalensis*, with its large, blue-green leaf and its small fruit. The fruit contains an aromatic, dark red pulp, and in a modest degree displays something of that captivating quality which has exalted its kindred plant, the cherimoya of Peru, to its high repute as the queen of fruits. It must be owned, however, that it is difficult to secure a well-developed example of this fruit, for so keenly is it spied out and devoured by the birds that often for months together it may be sought in vain." (Dr. George Schweinfurth, *The Heart of Africa*, p. 222.) See S. P. I. No. 46630 for previous introduction.

Barosma crenulata (Rutaceae), 47221 & 47222. **Buchu.** From Cape Town, Union of South Africa. Seeds presented by the Conservator of Forests. A small evergreen shrub, with opposite or alternate, simple, dotted, leathery leaves, in the axils of which the flowers appear. The **buchu** leaves of commerce are procured chiefly from *B. crenulata*, *B. crenata*, and *B. serratifolia*. The leaves are much used in medicine as a stimulant and tonic, and appear to have a specific effect in chronic diseases of the bladder, their action probably being dependent on the powerfully smelling, volatile oil which they contain. (Adapted from Lindley, *Treasury of Botany*, p. 125.)

Berberis polyantha (Berberidaceae), 47299. **Barberry.** From Wisley, Surrey, England. Plants presented by Mr. Fred J. Chittenden, Director of the Royal Horticultural Society's Gardens. A deciduous shrub, 6 to 10 feet high, with simple or three-pronged thorns, obovate leaves, mostly rounded at the apex, and yellow flowers