

42708 to 42715.

Received from Mr. W. S. Bogdan, in charge of the agricultural experiment station at Krasny Koot, Samara Government, southeast Russia.

"The climate in the lower Volga region, where Krasny Koot is situated, is decidedly semiarid, with long, hot summers and dry, cold winters, and settlers have suffered much from failure of crops on account of introduced seed not being suitable to the locality. Mr. Bogdan has experimented primarily with native species of forage plants and has developed some very promising varieties suitable to local conditions. In certain of our semiarid Western States his selections may prove to be successful." (*F. N. Meyer.*)

42708 to 42713. *AGROPYRON CRISTATUM* (L.) Beauv. Poaceæ.

Wheat-grass.

42708 to 42710. Received as *Agropyron desertorum*.

42711 to 42713. [No notes.]

42714 and 42715. *MEDICAGO FALCATA* L. Fabaceæ.

Alfalfa.

A species closely allied to *Medicago sativa*, common alfalfa; but possessing sickle-shaped pods.

42716. *CITRULLUS VULGARIS* Schrad. Cucurbitaceæ.

Tsama melon.

From Johannesburg, Union of South Africa. Procured from Mr. J. Burt Davy, botanist, Agricultural Supply Association. Received May 9, 1916.

The famous forage melon of the Kalahari Desert, which furnishes forage for cattle on the sandy plains, flourishing under temperatures of 110° F. on almost pure sand with very low rainfall. Of no value for table use, but it may be useful in melon breeding.

For previous introduction, see S. P. I. No. 41164.

42717 to 42720.

From Colombia. Presented by Mr. H. M. Curran. Received April 15, 1916.

42717. *ARRABIDAEA* sp. Bignoniaceæ.

"An ornamental vine, on the Magdalena River, above Calamar." (*Curran.*)

A bignoniaceous ornamental climbing shrub, native of South America, having small flowers arranged in large terminal panicles. (Adapted from *Lindley, Treasury of Botany, vol. 1, p. 93.*)

42718. *MAXIMILIANEA* sp. Cochlospermaceæ.

(*Cochlospermum* sp.)

A small tree or shrub having palmately lobed alternate leaves, furnished with long stalks and large yellow flowers in terminal panicles that wither before the leaves make their appearance. The capsular fruit when ripe is in form and size like a pear and opens with three or five valves. The seeds are small, very numerous, and covered with a cottony down. (Adapted from *Lindley, Treasury of Botany, vol. 1, p. 305.*)

42719. *PROSOPIS CHILENSIS* (Molina) Stuntz. Mimosaceæ. Algaroba. (*P. juliflora* DC.)

See S. P. I. No. 42643 for previous introduction and description.