

153506 to 153518—Continued

153514. *Nicaragua* (Hunt).153517. *Venezuela* 51.153515. *Nicaragua* (Horvilleur).153518. *Venezuela* 52.153516. *Jaffa*.153519. *ELYTOSTACHYS TYPICA* McClure. Poaceae. **Bamboo.**

From *Nicaragua*. Seeds obtained by F. A. McClure, Office of Foreign Agricultural Relations, United States Department of Agriculture. Received Feb. 20, 1946.

Collected at El Recreo. The plant is open caespitose. The culms reach a diameter of 4 cm., and a length of about 20 m.; they are ascending in habit, with long, slender, scandent or pendulous tips. The culm internodes have very thin walls, and in a 16-m. culm they range in length from 37.5 cm. in the second internode from the base to 87 cm. in the twelfth. The branches, which arise from solitary buds, include a strong central branch and numerous, very much smaller secondary ones that arise from the base of the central branch at each node. In *Nicaragua* the internodes of this bamboo are used by field laborers as containers for drinking water. Although quite fragile, and probably not very durable, the culms would lend themselves readily to the making of woven matting of a type used for shades and screens. In *Venezuela* the seeds are used locally as a source of flour for bread and pastries.

153520 to 153522. *HELIANTHUS ANNUUS* L. Asteraceae.**Common sunflower.**

From *England*. Seeds presented by the British Embassy, Washington, D. C. Received Feb. 12, 1946.

Originally from Prof. G. E. Blackman of the Imperial College of Science, London.

153520. *Jupiter*.153521. *Pole Star*.153522. *Southern Cross*.153523 to 153554. *SORGHUM VULGARE* Pers. Poaceae.

From *Japan*. Seeds obtained from the Agricultural Division, Natural Resources Section, GHQ, SCAP, Toyko. Received Feb. 15, 1946.

153523. *No. 18 Aka-morokoshi*. From Shizuoka.153524. *No. 19 Aka-morokoshi*. From Shizuoka.153525. *No. 20 Aka-morokoshi*. From Shizuoka.153526. *No. 12 Chukanshu*. From Niigata.153527. *No. 26 Futsu-morokoshi*. From Ishikawa.153528. *No. 6 Futsushu*. From Saitama.153529. *No. 14 Futsushu (Aka-morokoshi)*. From Yamanshi.153530. *No. 21 Hamana*. From Shizuoka.153531. *No. 22 Hamana*. From Shizuoka.153532. *No. 23 Hamana*. From Shizuoka.153533. *No. 24 Hamana*. From Shizuoka.153534. *No. 26 Hamana*. From Shizuoka.153535. *No. 31 Hahaki-kibi*. From Kochi.153536. *No. Hakuryushu-morokoshi*. From Yamagata.153537. *No. 1 Iwatesan-morokoshi*. From Iwate.153538. *No. 16 Kagi-morokoshi*. From Shizuoka.153539. *No. 30 Kamakubi*. From Kochi.