

302766 to 302768—Continued

302766. *DIGITARIA PENTZII* Stent Gramineae.

Col. No. 139. Plot 761. Stoloniferous perennial; stems medium coarse; leaf to 8 inches high; matures early. Rietondale Research Station, Pretoria. From Stella, Cape Province. Stolons.

302767. *DIGITARIA SMUTSII* Stent

Col. No. 21. Plot 839. Stoloniferous perennial; stems medium coarse; very few seedheads. Rietondale Research Station, Pretoria. Stolons.

302768. *DIGITARIA VALIDA* Stent

Col. No. 147. Plot No. 747. Stoloniferous perennial; stems fine; leaf to 8 inches high; seedheads very few. Rietondale Research Station, from Vryburg; Cape Province. Stolons.

302769 to 302774.

From the United States. Seeds held at the Regional Plant Introduction Station, Experiment, Ga., obtained from Oklahoma. Numbered Nov. 16, 1964.

302769. *BOTHRIOCHLOA INSCULPTA* (Hochst.) A. Camus Gramineae.

A-5152. Originally from India.

302770 to 302772. *BOTHRIOCHLOA INTERMEDIA* (R. Br.) A. Camus
Australian bluestem.

302770. A-5410.

302771. A-9505.

302772. O-796. Originally from Queensland, Australia.

302773. *CAPILLIPIDIUM PARVIFLORUM* (R. Br.) Stapf Gramineae.

A-9490. Originally from South Australia.

302774. *CYNODON DACTYLON* (L.) Pers. Gramineae.

O-000. Originally from Senegal.

302775 to 302781. HUMULUS LUPULUS L. Moraceae.**Common hop.**

From Great Britain. Plants presented by the University of London, Wye College, Hop Research Department, Kent, England. Received Nov. 16, 1964.

Male clones:

302775. No. 15. Originally from Europe. Parentage unknown. Tolerant to progressive strain of *Verticillium albo-atrum*.

302776. No. 321. Origin unknown. Open-pollinated seedling from wild American female. Resistant to progressive verticillium wilt.

302777. OB79. Same origin as P.I. 302776.

302778. 14/56/288. 'Eastwell Golding' × 321. Wilt resistant.

302779. 15/56/148. 'Fuggle' × 321. Wilt resistant.

Female clones:

302780. 2/56/2. Open pollinated seedling of downy mildew resistant, German variety. Some resistance to *Verticillium* and downy mildew (*Pseudoperonospora humuli*), high alpha acid content (7-9 percent), poor cropper.

302781. 'Northern Brewer'. ('Canterbury Golding' × OB21). Acceptable aroma combined with high resin content (6-10 percent). Not vigorous, produces good crop on short laterals, good machine picker. Seeded form grown in England; seedless in Belgium. Susceptible to hop mold (*Sphaerotheca humuli*). Fairly susceptible to downy mildew.