

## LOTUS NEWSLETTER, No. 24, 1993

1. **Introduction:** instructions to contributors  
notes from the editor  
questionnaire
2. **Meeting announcements**  
*Lotus* Symposium report and list of registrants
3. ***Lotus* Activities:** reports and abstracts
  - A. M. Bowman. *Sharnae* - a new *Lotus pedunculatus* for Australia.
  - M. B. Dodd. Growth characteristics and phosphate response of three *Lotus* species..
  - C. S. Hoveland. *Lotus* research in Georgia.
  - N. Lazlo. The effect of sowing rate, weed control and the first cutting date on forage and seed yield of *Lotus corniculatus* L. c.v. G keskenylevelü in arid circumstances.
  - N. Altier. Research on *Lotus* diseases in Uruguay.
  - S. Stewart and N. Altier. A flower blight of birdsfoot trefoil.
  - A. M. Arambarri. Dehiscence and indehiscence in *Lotus* legumes (Fabaceae): I. *L. conimbricensis*, *L. corniculatus* and *L. tenuis*.
  - M. M. Mujica and C. P. Rumi. Effect of chemical and mechanical scarification on *Lotus tenuis* seeds on germination.
  - M. M. Mujica and C. P. Rumi. Effect of three different constant temperature treatments on germination of *Lotus tenuis* (Waldst. et Kit).
  - A. M. Arambarri and M. I. Colares. *L. corniculatus* L. and *L. tenuis* Waldst. et Kit (Leguminosae): Anatomy of the leaf.
  - T. Y. Moon. *Apis mellifera* L. and *Megachile* spp.: Important insect-pollinators of *Lotus corniculatus* var *japonicus* Regel in Chenju Island.
  - W. F. Grant, R. B. McDougall, and B. Coulman. Sessile inflorescence - an environmental morphological abnormality.
  - M. Niizeki. Chromosomal mutation induced by protoplast culture in *Lotus corniculatus* L.
  - M. P. Robbins, T. R. Carron, and K. J. Webb. Detecting transgenes in *Lotus corniculatus* using the polymerase chain reaction.
  - L. P. Campos, J. V. Raelson, and W. F. Grant. Genome relationships among *Lotus* species based on random amplified polymorphic DNA (RAPD).

**J. J. Steiner.** Broad-leaf birdsfoot trefoil germplasm classification.

**S. L. Greene and M. Bohning.** Selecting accessions from the United States germplasm collection.

**C. D. Strittmatter, M. L. Wagner, M. Kade, and A. A. Gurni.** Identification of *Lotus tenuis* (Waldst. et Kit.) flavonoids: Part III.

**P. Morris, T. R. Carron, M. P. Robbins, and K. J. Webb.** Distribution of condensed tannins in flowering plants of *Lotus corniculatus* var *japonicus* and tannin accumulation by transformed root cultures.

**N. J. Ehlke and D. G. LeGare.** The effects of temperature and soil stresses on the production of tannins in birdsfoot trefoil (*Lotus corniculatus* L.).

**4. Notes and news.**

**5. Recent *Lotus* publications**