

Recent Lotus Publications and Theses

- Lowther, W.L. 1980. Establishment and growth of clovers and Lotus on acid soils. *New Zealand J. Exp. Agric.* 8: 131-138.
- McKersie, B.D. and D.T. Tomes. 1980. Effects of dehydration treatments on germination, seedling vigour and cytoplasmic leakage in wild oats and birdsfoot trefoil. *Can. J. Bot.* 58(4): 471-476.
- Onokpise, O.U. 1980. Evaluation of self (SI) and polycross progeny performance in two populations of birdsfoot trefoil (Lotus corniculatus L., cult. Leo). M.Sc. Thesis, University of Guelph.
- Pankhurst, C.E., Craig, A.S. and Jones, W.T. 1979a. Effectiveness of Lotus root nodules. I. Morphology and flavolan content of nodules formed on Lotus pedunculatus by fast-growing Lotus rhizobia. *J. Expt. Bot.* 119: 1085-1094.
- Pankhurst, C.E. and Jones, W.T. 1979b. Effectiveness of Lotus root nodules. II. Relationship between root nodule effectiveness and 'in vitro' sensitivity of fast-growing Lotus rhizobia to flavolans. *J. Expt. Bot.* 119: 1095-1108.
- Pankhurst, C.E. and Jones, W.T. 1979c. Effectiveness of Lotus root nodules III. Effect of combined nitrogen on nodule effectiveness and flavolan synthesis in plant roots. *J. Expt. Bot.* 119: 1109-1118.
- Reed, K.F.M. 1979. Pasture species for Victoria -- recent and future developments. *Proc. Vic. Grassland Soc. Conf.*, Melbourne, Australia June 1979: 47-68.
- Reed, K.F.M., Kenny, P.T. and Flinn, P.C. 1980. The potential of pasture legumes for improving the quality of summer-autumn feed. *Proc. Aust. Soc. Anim. Prodn.* 13: 39-41.
- Reynaud, J. 1980. Analyse de la variabilité flavonique infraspécifique chez diverses populations des genres Lathyrus, Lotus et Vicia (Legumineuses). Thesis, Ph.D. l'Université Claude Bernard Lyon-1.
- Swanson, E.B. 1979. In vitro characterization and selection of 2,4-D tolerant and susceptible callus lines of Lotus corniculatus L. M.Sc. Thesis, University of Guelph, 1979.
- Swanson, E.B. and D.T. Tomes. 1980. Plant regeneration from cell cultures of Lotus corniculatus L. and the selection and characterization of 2,4-D tolerant lines. *Can. J. Bot.* 58: 1205-1209.
- Swanson, E.B. and D.T. Tomes. 1980. In vivo and in vitro responses of tolerant and susceptible lines of Lotus corniculatus L. to 2,4-D. *Crop Science*. In press.

Teppner, H., 1980. Karyology and systematics of some vascular plants from the eastern Alps. Botanical studies in the area of Planneralm (Niedere Tauern, Styria, Austria), VII. Phytion (Austria), 20(1-2): 73-94. German with English summary. p.85 and Fig. 4c,d on p. 86 are concerned with tetraploid Lotus alpinus.

Tomes, D.T. 1979. A tissue culture procedure for propagation and maintenance of Lotus corniculatus L. genotypes. Can. J. Bot. 57: 137-140.

Tsuriell, D.E. 1977. Lotus creticus, a new crop for sandy areas. Ha'Sadeh.

Urbanska-Worytkiewicz, K. and Schwank, O. 1980. Variation within Lotus corniculatus L.s.l. from Switzerland III. Microdifferentiation in L. alpinus (DC) Schleicher above the timberline. Berichte des geobotanischen Institutes der Eidg. Techn. Hochschule Stiftung Rübel, 47: 29-45.