

## LOTUS SPP. SYMPOSIUM

Interest in *Lotus* has increased in many countries. From the response that I received to my questionnaire (and subsequent queries) there is sufficient interest and research progress with the many species of *Lotus* to organize an international symposium to discuss the many facets of *Lotus* research. I am recommending that we meet in the USA in late 1993 or early in 1994..

I will be contacting individuals to ask them to serve on the organization of this conference. Our goal will be to cover the many aspects of this genus and publish the proceedings which can be used as the standard reference for *Lotus*.

I appreciate the comments and offers from those of you that have contacted me. Please continue to give your support.

## COST of the Lotus Newsletter

The expense of publishing the Lotus Newsletter has been covered by an unrestricted research gift from Deer Creek Seeds, Inc., Ashland, WI, U.S.A. This issue of the Lotus Newsletter is provided to you without charge because of this gift. My hope is to continue to obtain support for the Lotus Newsletter to provide you with an unencumbered communication resource.

## SPECIAL THANKS

Many thanks to you who responded to my request for information about your Lotus research. Your contributions to the Lotus Newsletter help generate a better perspective of the research and management on the many species of *Lotus*.

## SUGGESTIONS?

Your suggestions are helpful, and I will strive to incorporate them to make this publication more useful. As you compile your data for analysis please think about making a contribution to the Lotus Newsletter. Use the Lotus Newsletter as a resource for communication: it is published to aid you (and me), the international researchers of *Lotus*.

## LIBRARY REQUESTS

Requests for distribution the Lotus Newsletter to university or research libraries are accepted. If you have a library that needs a copy for your research group or center please notify me.

## QUESTIONNAIRE

The mailing list is current and quite extensive. If you have not sent a questionnaire in the last two years please complete one and send it to me. If you know of others interested in receiving the Lotus Newsletter have them submit a questionnaire and they'll be added to the mailing list.

I anticipate that the mailing list will be next printed in the Lotus Newsletter in 1994 .

Mariana Kade (Centro de Ecofisiologia Vegetal in Buenos Aires, Argentina) sent me a copy of the proceeding of the First Argentine Symposium of the genus *Lotus*. Most of the papers were by Argentine researchers, but Chile, Brasil, and Uruguay were also represented. I have listed the titles and authors of the papers below, but all were presented in Spanish except where noted. I translated the titles of the papers into English, but in some cases the title may be abridged. The proceedings comprise about 65 pages, and makes good reading (for those that can read Spanish). Reading through the titles of the papers you will see that there is substantial research interest in *Lotus tenuis* and *corniculatus* in Argentina and other South American countries.

Seed pathogens of *Lotus* spp. G. M. Dal Bello and M. N. Sisterna.

Strain selection of *Rhizobium loti* for *Lotus tenuis* adapted to hydromorphic-alkaline soils of Argentina. M. G. Picon, C. A. Navarro, N. S. Gonzalez, and Y. E. Andreoli.

Fiscal and economic evaluation of phosphate fertilization of *Lotus tenuis* and *L. corniculatus*. J. A. Castano and J. C. Machado.

Response of *Lotus tenuis* and *L. corniculatus* to winter and summer waterlogging. O. Vignolio, O. Fernandez, N. Maceira, and E. Requesens.

Chilean studies of the forage species of the genus *Lotus*. H. Acuna.

Organogenesis in *Lotus tenuis*. M. Rivero, S. Radice, and O. H. Caso.

Characterization of *Lotus corniculatus* L. introductions. L. Montes.

Soil and foliar phosphate fertilization of *Lotus tenuis* during establishment. A. A. Clua, D. O. Gimenez, and C. P. Rumi.

Secondary productivity of a pasture of *Agropyron*, *Festuca* and *Lotus tenuis*. A. E. Sciotti and J. Carrillo.

Weight gain in mixed pastures of *Agropyron* and *Lotus* or pure *Agropyron*. O. R. Rosso and Chifflet.

The effect of *Lotus tenuis* on the nutritive value of natural (plant) communities. L. G. Hidalgo and P. O. Rimoldi.

Emergence and establishment of *Lotus tenuis* seedlings during sheep grazing. G. Sevilla, O. N. Fernandez, D. Minon, and L. Montes.

Demographics and simulation of the population dynamics of *Lotus tenuis*-*Festuca arundinacea* mixtures when grazed by cattle. O. N. Fernandez, L. Montes, G. H. Sevilla, D. P. Minon, and O.R. Vignolio.

Establishment of pure stands of *Lotus tenuis* and mixtures with *Festuca arundinacea* or *Thinopyron ponticum*. M. R. Colabelli, D. P. Minon, O. N. Fernandez, and L. Montes.

Effect of pasture management on *Agropyron* and *Lotus*. S. Chifflet and O. Rosso.

The effect of intensive grazing on the net accumulation rate of a *Lotus corniculatus* pasture. S. G. Assuero, C. J. Escuder, F. Andrade, O. Fernandez.

The germplasm bank of INTA-Balcarce. A. M. Clausen and S. I. Alonso.

Interseeding legumes into natural pastures. M. R. Colabelli and D. P. Minon.

Characterization of the testa and vascular systematics of seeds of *Lotus* L., group *Microlotus* Benth. and *Simpetaria* Ottley (Fabaceae-Faboideae). A. M. Arambarri.

Studies on flavonoid production in *Lotus tenuis* Waldst. et Kit (Fabaceae). C. D. de Strittmatter, M. Kade, R. A. Ricco, M. Wager, and A. A. Gurni.

Preliminary evaluation and utilization of *Lotus* germplasm. J. M. Gonzalez Garcia.

Evaluation of weight gain, consumption, dietary selection and condition of the rumen in cattle pastured on *Lotus tenuis* and *Thinopyron ponticum*. A. J. Freddi, J. Escuder, S. Chifflet, O. Rosso, and C. Cangiano.

*Lotus* in Uruguay. M. Rebuffo.

Cutting and fertilization regimes for birdsfoot trefoil (*Lotus corniculatus* L.) in monoculture or mixed with capim-pangola (*Digitaria decumbens* Stent) in Brasil. (in Portuguese). J. C. Saibro.

In vitro multiplication of four Italian ecotypes of *Lotus tenuis*. M. Rivero, S. Radice, and O. H. Caso.

Organogenesis of the Italian ecotypes of *Lotus tenuis*. M. Rivero, S. Radice, and O. H. Caso.

Dynamic schemes for the utilization of recurrent genetics applicable to the genus *Lotus*. E. Gardella and H. Farengo.

Three new diseases of *Lotus* spp. in Argentina. G. M. Dal Bello and S. M. Wolcan.

A study of possible correlations among components of seedling vigor in *Lotus tenuis*. M. de la M. Mujica and C. P. Rumi.

A study hard-seededness of *Lotus tenuis*. M. de la M. Mujica and C. P. Rumi.

Evaluation of the influence of temperature and other processes that affect *Lotus tenuis* germination. M. de la M. Mujica and C. P. Rumi.

Development of a new synthetic variety of *Lotus tenuis*. M. de la M. Mujica and M. J. Arturi.

A comparative study of the physiological characteristics of *Rhizobium loti* and *Bradyrhizobium* spp. strains. O. A. Ruiz, P. A. Balatti, and R. A. Ugalde.

Characterization of the species of *Lotus* (Leguminosae). A. M. Arambarri and P. A. Balatti.

Characterization of *Rhizobium loti* strains isolated from *Lotus tenuis* plants cultivated in different ecological zones. P. A. Balatti, O. A. Ruiz, and R. A. Ugalde.