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We have been determining free amino acid composition of seeds of Lotus species and have so far analyzed 39 species.

In American species, an unknown compound has been found and we are looking for any reasonable relation between its occurrence, or perhaps accumulation, and taxonomically important features of the Lotus species. It is possible there is no relation at all, but maybe the "unknown" is characteristic for American species included by some taxonomists in the genus Hosackia. In such a case it would be very interesting to analyse more representatives of this group. In this connection we would be very grateful for American colleagues if they would send us seed samples of native American species and indicate the source of material.