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Organic acids from *Lupinus polyphyllus* roots

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The genus *Lupinus* L. comprises about 200 species of annual and perennial herbaceous plants, semi-bushes, and bushes. Three annual species are cultivated in the CIS countries, namely, *L. luteus* L., *L. albus* L., and *L. angustifolius* L. Furthermore, one perennial species, *L. polyphyllus* Lindl., was introduced into culture [1].

Lupine is one of the most ancient cultured plants. A rather developed culture of *L. albus* existed about 4,000 years ago and was used in ancient Greek, Egyptian, and Roman empires for food, feed, and therapeutic purposes. A second hotbed of ancient culture was located in South America, where another species, *L. mutabilis*, was grown. This plant should righteously be called a multi-purpose culture because it is used in agricultural, animal husbandry, floral, medical, perfume, paint, and food industries [2].

The goal of the present work was to study the organic acids from *L. polyphyllus* roots.

We studied *L. polyphyllus* roots collected during fruiting and atrophy of the aer ...

Translated from *Khimiya Prirodnykh Soedinenii*, No. 3, May–June, 2013, pp. 427–428.



Citations

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Title

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