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Organic acids from Lupinus polyphyllus roots

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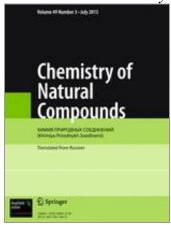
The genus *Lupinus* L. comprises about 200 species of annual and perennial herbaceous plants, semi-bushes, and bushes. Three annual species are cultivated in the CIS countries, namely, *L. luteus* L., *L. albus* L., and *L. angustifolius* L. Furthermore, one perennial species, *L. polyphyllus* Lindl.,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

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Citations

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References (3)

- 1. A. N. Karaseva, V. V. Karlin, V. F. Mironov, N. A. Sosnina, A. I. Konovalov, P. I. Gryaznov, Yu. Ya. Efremov, D. R. Sharafutdinova, A. S. Kononov, and I. P. Takunov, *Khim. Rastit. Syr'ya*, No. 4, 83 (2001).
- 2. I. P. Takunov, Lupine in Russian Agriculture [in Russian], Bryansk, 1996, 371 pp.
- 3. A. Carrapiso and C. Garcia, Lipids, 35 (11), 167 (2000). CrossRef

About this Article

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