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The following triterpenoids have been found in various species of *Diospyros* (persimmon), which is widely used in the folk medicine of India: lupeol, betulin, hydroxyallobetulin, betulinic acid, bauerenol, α -amyrin, taraxerol, and oleanolic and ursolic acids [1-5]. Taraxerol, hydroxyallobetulin, and betulinic acid have been found in *Diospyros lotus* L. growing in Japan [6].

We have investigated the triterpene composition of the bark of *Diospyros lotus* L. collected in the Azerbaidzhan SSR close to Lenkoran¹. From a chloroform extract of the bark we isolated taraxerol, taraxerone, β -amyrin, betulinic acid, and the acetate of ursolic acid. For identification we obtained by the usual methods derivatives of these compounds which had melting points agreeing with those given in the literature.

LITERATURE CITED

1. R. K. Gupta and R. D. Tiwari, Proc. Nat. Acad. Sci. India, Sect. A, 34, pp. 11, 180 (1964).
2. R. K. Gupta and P. S. Rao, Proc. Nat. Acad. Sci. India, Sect. A, 60, p. 1 (1964).
3. L. Ramachandra Rao, C. Sankara Rao, and T. S. Ramaiah, Current Sci., 35, 457 (1966).
4. L. Ramach, Rao and C. S. Rao, Current Sci., 37, 104 (1968).
5. A. V. B. Sankaram and G. S. Sidhu, Ind. J. Chem., 2, 467 (1964).
6. K. Yoshihira, M. Tezuka, and S. Natori, Tetrahedron Lett., 7 (1970).

Leningrad State University. Translated from Khimiya Prirodnykh Soedinenii, No. 1, p. 103, January-February, 1975. Original article submitted July 21, 1974.

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