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**A. S. Shumova, O. A. Evtifeeva, V. A. Georgiyants  
DEVELOPMENT THE METHOD OF QUANTITATIVE  
DETERMINATION FLAVONOIDS DIFFERENT TYPES  
OF MEDICINAL PLANTS BY SPECTROPHOTOMETRIC  
METHOD AND DETERMINATION OF ITS VALIDATION  
PERFORMANCE**

**Keywords:** medicinal raw materials, flavonoids, spectrophotometric method, validation parameters.

The method for the quantitative determination of flavonoids: grass of the Agrimony, grass of the Filipendula vulgaris, tea leaves of the Chinese, fruits of the Illicium verum Hook L. and rind pomegranate is spectrophotometric method. Experimentally calculated sample chopped raw, the concentration of ethyl alcohol, the amount and frequency of extraction. Were defined validation parameters - linear dependence and convergence, which show us method for determining the content of flavonoids in the studied types of herbal drug is valid and reproducible.

: 615.07:582.883

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(Feijoa sellowiana O. Berg),  
(Acca sellowiana) (Myrtaceae)

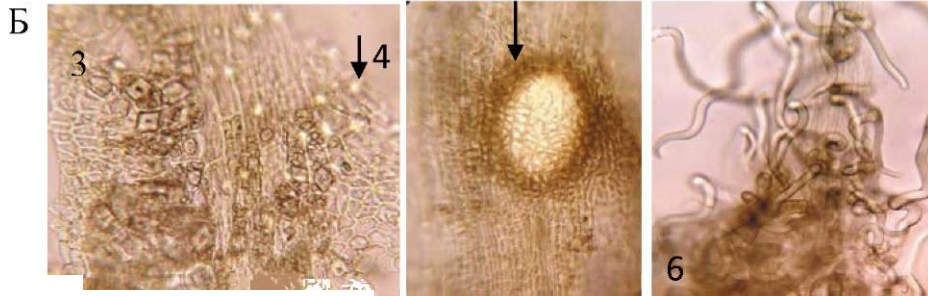
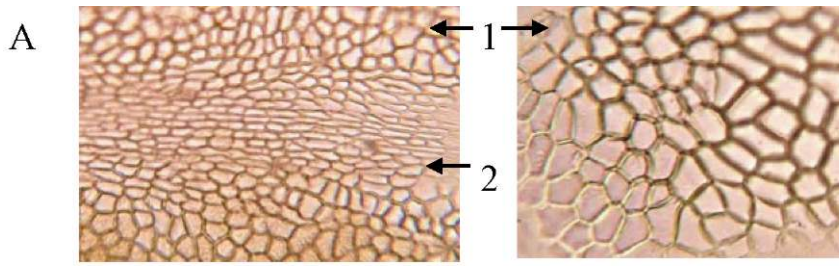
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10, 40.  
50.

(120:100:5);

5, 10

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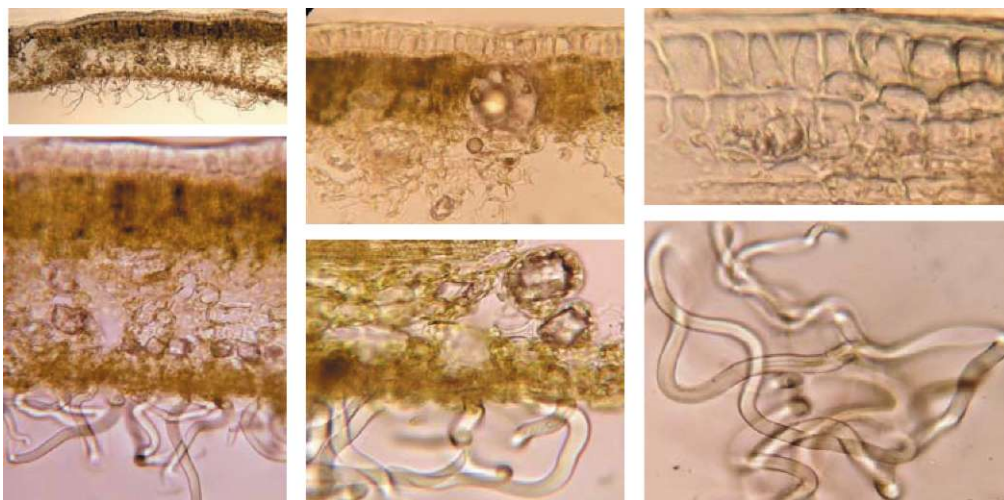
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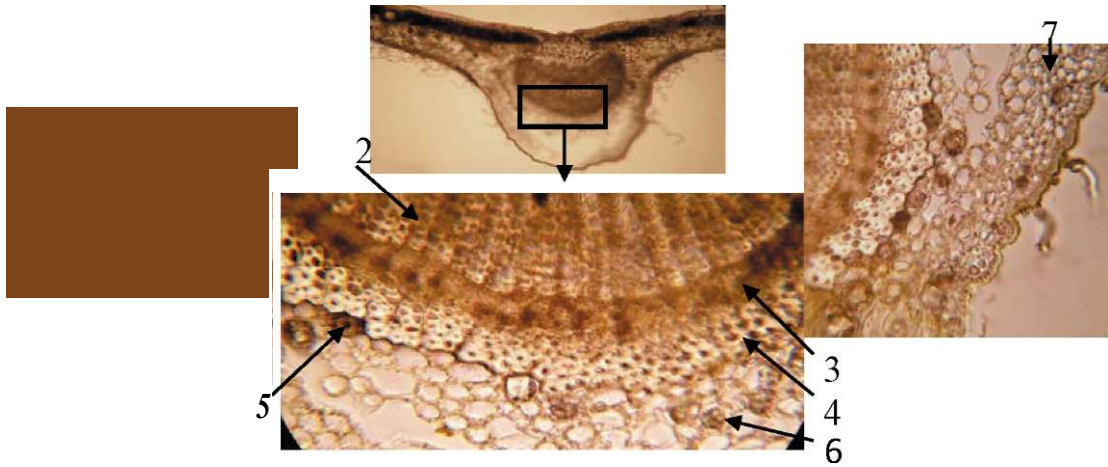
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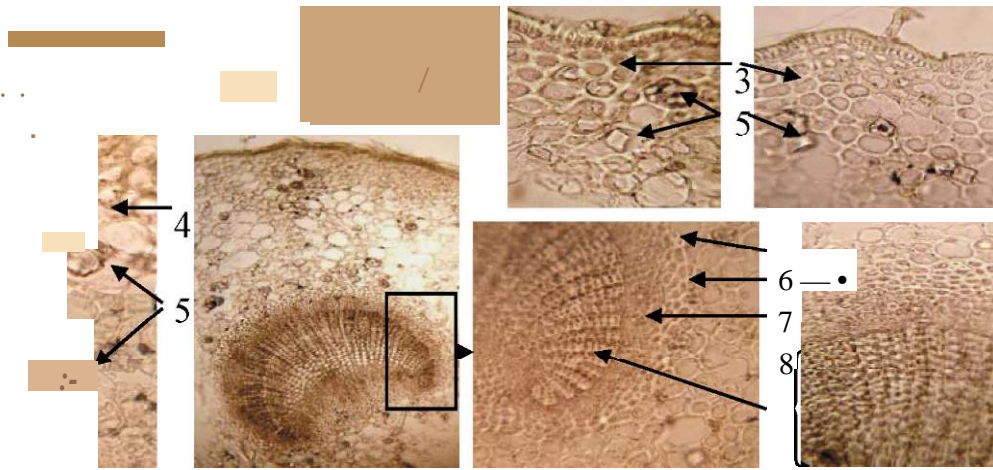
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( 4).

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11.02.2013

: 615.07:582.883

L. M. Seraya, I. N. Vladymyrova

**MICROSCOPIC STUDY OF FEIJOA LEAVES**

**Key words:** Feijoa, standardisation, microscopic identify.

The authors have ascertained the diagnostic signs of the anatomic structure of Feijoa leaves which could be used for developing characteristics of identify of medical plant raw material.

615.322: 582.892.6

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600  
 (Quercus robur,  
 - Fagaceae),  
 (Cortex Quercus).

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