

POSSIBILITIES OF SMALL PASQUE-FLOWER HERB USING AS PERSPECTIVE PLANT

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Introduction. Small Pasque-flower (Blackish Pasque, Bohemian Pasque) *Pulsatilla pratensis* (L.) Mill. s.l. (incl. *P. bohemica* (Skalický) Tzvelev = *P. pratensis* (L.) Mill. subsp. *bohemica* Skalický; *P. nigricans* auct. non Stöerck, nom. illeg.; *P. ucranica* (Ugr.) Wissjul.) – a herbaceous perennial poisonous plant of the Ranunculaceae family.

Aim. Investigation of possibilities of small pasque-flower herb using as perspective plant.

Materials and methods. Analysis of scientific literature sources on aspects of the application of Small Pasque-flower.

Results and discussion. *Pulsatilla pratensis* contains anemonin, ranunkulin, protoanemonin, essential oil, tannin, vitamin C, organic acids, flavonoids, small traces of alkaloids, tannins (approximately 4.5%).

The herb has hypotensive, sedative, soporific, antispasmodic, antimicrobial, antifungal, and anesthetic effect, slows heart rate down and stimulates breathing. Scientific medicine uses Small Pasque-flower herb for treatment of hypertension of 1-2 degrees, glaucoma, at heart palpitation, as a sedative and soporific remedy at mental diseases.

In traditional medicine, *Pulsatilla pratensis* is known as pasque-flower. It is used effectively as a sedative remedy at nervous excitement, as well as related headache, dizziness, insomnia, hysteria, convulsions, and dysmenorrhea. *Pulsatilla pratensis* herb is used as an antispasmodic agent at pertussis, asthma, bronchitis, and migraine. Small Pasque-flower herb has a stimulating effect on the digestive tract, that's why it's using is not recommended at gastritis and nephritis. It was determined, that herbal remedies with *Pulsatilla pratensis* have strong antimicrobial and antifungal effects.

This herb is widely used in homeopathy. Gathered during flowering period fresh herb is used for manufacture of homeopathic remedies named *Pulsatilla*, with different directions of therapeutic action. It is included in the homeopathic drugs, used as antipyretic and anti-inflammatory agents for treatment of respiratory diseases in children, as well as for elimination of clinical manifestations of primary teeth eruption; for symptomatic treatment of ENT-organs: pharyngitis, rhinitis, and laryngitis; at acute and chronic inflammatory or degenerative diseases of the musculoskeletal system and soft tissues, accompanied by pain: arthritis, osteoarthritis, polyarthritis, arthrosis, osteochondrosis, trauma, and wounds.

Conclusions. Therefore, the use of *Pulsatilla pratensis* to treat nervousness helps to strengthen the nervous system, and to eliminate of etiologic disease factors (neurotransmitters metabolism disorders).