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ETHNOPHARMACOLOGICAL APPLICATION OF ST. JOHN'S WORT IN PIROT COUNTY

ЕТНОФАРМАКОЛОШКА ПРИМЕНА КАНТАРИОНА У ПИРОТСКОМ ОКРУГУ

***Abstract:** St. John's wort (*Hypericum perforatum*) is a perennial herbaceous plant, which is often used as a medicinal plant among our people for various applications (wound healing, antiseptic, mild sedative, etc.). The focus of this research was the use of St. John's wort in ethnomedicine and ethnoveterinary medicine based on surveys among the population of Pirot County. The survey*

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included four municipalities: Pirot, Babušnica, Bela Palanka and Dimitrovgrad. It was noticed that St. John's wort represents the best known medicinal plant species in Pirot County, and is usually used externally in the form of St. John's oil (Oleum Hyperici) for the treatment of wounds and burns.

Сажетак: *Кантарион (Hypericum perforatum) је вишегодишња зељаста биљка, која се у нашем народу често користи као лековита за различите врсте обољења (за зарастање рана, као антисептик, благ седатив итд). У овом раду биће речи о примени кантариона у етномедицини и етноветерини на основу анкетања становништва у Пиротском округу. Анкетањем су обухваћене четири општине: Пирот, Бабушница, Бела Паланка и Димитровград. Забележено је да је кантарион најпознатија лековита биљна врста у Пиротском округу, а најчешће има спољашњу употребу у виду кантарионовог уља (Oleum Hyperici) за лечење рана и опекотина.*

Keywords: *St. John's wort, medicinal plant, Pirot*

Кључне речи: *кантарион, лековита биљка, Пирот*

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INTRODUCTION

Medicinal plants constitute about 10% of the total flora of Serbia. They contain various compounds, products of metabolism or active ingredients used as medicines or as raw materials for medicaments (Stevanović and Vasić, 1995, p. 247).

In the subregion of Pirot, a list of 93 medicinal plants was made by Randjelović et al. (1991), while on the limestone massif of the mountain Vidlič 60 medicinal plants, rich in essential oils, were noticed (Marković, Pavlović-Muratspahić, Matović, Marković & Stankov-Jovanović, 2009).

In the Pirot County, that includes four municipalities (Pirot, Babušnica, Bela Palanka and Dimitrovgrad) the presence of 324 plant species was noticed, that are considered as officinal or used in the folk medicine (Marković et al, 2010).

St. John's wort (*Hypericum perforatum* L.) is a perennial, leafy, medicinal plant, characterized by a very wide ecological amplitude, which means that it grows in different conditions of the surrounding environment. It is represented in various types of oak forests, in silt, in meadows and pastures, forest clearing, fire sites, etc.

The stem is 20-100 cm high, with a spiked root and stem, which is usually at the top of the bran (Стјепановић, 1972, p. 118). The leaves of the surface have many clear or black spots, so they look like they are perforated. The flowers are golden yellow in a wide, broad, tattered bloom. It blooms from June to August.

St. John's wort has always been appreciated and used externally against cuts, burns, hemorrhoids, for wound healing and as an antiseptic, and internally for the liver, stomach, diarrhea, for respiratory diseases and digestive organs for the treatment of stomach ulcers, as a mild sedative (Сарић, 1989, pp. 315-317). It contains hypericin, flavonoids, tannins, essential oils, antibiotic compounds. The aerial part of the plant in the flower is used (*Hyperici herba*).

MATERIAL AND METHODS

Research in the Pirot County was carried out during 2017. in the form of a population survey, to determine how many respondents are familiar with the application of medicinal plants in ethnopharmacology (etnomedicine and etnoveterinary medicine).

The questionnaire about knowledge and use of herbs included inhabitants of 144 villages of the Pirot County, of which 65 villages in the municipality of Pirot, 37 villages in the municipality of Bela Palanka, 25 villages in the municipality of Dimitrovgrad and 32 villages in the municipality of Babušnica. A total of 631 people were surveyed, of which 337 were male, and 294 female, age range 16-88.

The survey results on the knowledge and use of medicinal plants were systematized using Microsoft Excel (Microsoft Corp, WA, USA) and presented in Table 1 according to the alphabetical order of the villages in the four municipalities. The following information was entered in the columns:

- gender of interviewed respondents,
- age of respondents,

- village of residence,
- municipality (Pirot, Bela Palanka, Dimitrovgrad or Babušnica),
- the traditional name of the medicinal plant species that the respondent knows and uses,
- latin name of the medicinal plant species that the respondent knows and uses,
- indication if the medicinal plant species is used in ethnomedicine or in ethnoveterinary medicine,
- part of the plant that is used,
- the form in which the medicinal plant is used,
- application of the medicinal plant.

RESULTS AND DISCUSSION

Based on the results of the survey, it was found that the population of Pirot County is familiar with 192 medicinal plants, which are used for various medicinal purposes in ethnomedicine (4754 entries) and ethnoveterinary medicine (205 entries).

The best known and most widely used medicinal plant in the County is St. John's wort (*Hypericum perforatum*), which was mentioned by 571 respondents (90.5%). Table 1 gives an overview of the survey results of ethno-pharmacological application of St. John's wort in Pirot County.

Table 1 Overview of the survey results of Pirot County population about the application of St. John's wort in ethnomedicine (EM) and ethnoveterinary medicine (EV).

Municipality	Village	sex	age	form	application
Pirot	Barje Čiflik	M	63	oil	for wounds and burns (EM)
Pirot	Barje Čiflik	M	38	oil	for wounds and burns (EM)
Pirot	Barje Čiflik	M	17	oil	for wounds and burns (EM)
Pirot	Barje Čiflik	F	39	oil	for wounds and burns (EM)
Pirot	Barje Čiflik	M	68	oil	for wounds and burns (EM)
Pirot	Barje Čiflik	F	75	tea	stomach ulcer and duodenal ulcer (EM)
Pirot	Bazovik	F	63	tea	prevention against the disease, instead of coffee (EM)

Pirot	Bela	M	57	tea	against colds (EM)
Pirot	Berilovac	M	45	tea	for digestion (EM)
Pirot	Berilovac	M	45	oil	for wounds (EM)
Pirot	Berilovac	M	83	tea	prevention against the disease, instead of coffee (EM)
Pirot	Berilovac	M	76	tea	for stomach illness (sick in the stomach) (EM)
Pirot	Berilovac	M	60	tea	against cough (EM)
Pirot	Berilovac	M	70	oil	for wounds (EM)
Pirot	Berilovac	M	62	oil	for burns (EM)
Pirot	Blato	M	59	tea	to strengthen the organism (EM)
Pirot	Blato	M	59	tea	against diarrhea (EV)
Pirot	Blato	M	59	oil	for wounds (EM)
Pirot	Blato	F	58	tea	for stomach (EM)
Pirot	Blato	F	58	oil	for wounds (EM)
Pirot	Brlog	F	37	oil	for wounds (EM)
Pirot	Brlog	F	77	tea	for upset stomach (EM)
Pirot	Brlog	M	64	tea	for metabolism (EM)
Pirot	Brlog	M	64	tea	for stomach (EM)
Pirot	Brlog	M	64	oil	for burns (EM)
Pirot	Velika Lukanja	M	63	oil	for wounds (EM)
Pirot	Velika Lukanja	M	77	tea	for stomach (EM)
Pirot	Velika Lukanja	M	77	oil	for wounds (EM)
Pirot	Velika Lukanja	M	62	oil	for wounds (EM)
Pirot	Velika Lukanja	M	62	oil	for hemorrhoids (EM)
Pirot	Velika Lukanja	F	58	tea	against inflammation of the female genital organs (EM)
Pirot	Velika Lukanja	F	58	tea	for stomach diseases (EM)
Pirot	Velika Lukanja	M	80	tea	against anemia (EM)
Pirot	Velika Lukanja	F	74	oil	for wounds (EM)
Pirot	Velika Lukanja	F	74	tea	kidney disease (EM)
Pirot	Veliki Jovanovac	F	55	oil	for wounds (EM)
Pirot	Veliki Jovanovac	M	72	tea	against colds (EM)
Pirot	Veliki Jovanovac	M	41	oil	for wounds (EM)
Pirot	Veliki Suvodol	M	56	oil	for wounds (EM)
Pirot	Veliki Suvodol	M	56	tea	as tranquilizer (EM)

Pirot	Veliki Suvodol	M	52	oil	for wounds (EM)
Pirot	Veliki Suvodol	F	57	tea	for the stomach (EM)
Pirot	Veliki Suvodol	F	57	oil	for burns (EM)
Pirot	Veliki Suvodol	M	48	oil	for wounds (EM)
Pirot	Veliko Selo	M	59	tea	antibiotic (EM)
Pirot	Veliko Selo	F	69	oil	for cuts (EM)
Pirot	Veliko Selo	F	63	oil	wash sores on the cervix (EM)
Pirot	Veliko Selo	M	48	oil	for wounds (EM)
Pirot	Veliko Selo	F	43	oil	for wounds and burns (EM)
Pirot	Veliko Selo	F	36	oil	for wounds (EM)
Pirot	Veliko Selo	F	40	oil	for wounds and burns (EM)
Pirot	Visočka Ržana	M	66	tea	against cough (EM)
Pirot	Visočka Ržana	M	56	oil	for burns (EM)
Pirot	Visočka Ržana	M	64	tea	upset stomach (EM)
Pirot	Vlasi	M	42	tea	urinary tract (EM)
Pirot	Vlasi	F	42	oil	for wounds (EM)
Pirot	Vlasi	M	42	oil	for wounds (EM)
Pirot	Vojnegovac	F	37	oil	for wounds (EM)
Pirot	Vojnegovac	F	37	tea	against secretions (EM)
Pirot	Vojnegovac	F	48	tea	stomach ulcer and duodenal ulcer (EM)
Pirot	Vojnegovac	F	52	oil	for wounds and burns (EM)
Pirot	Vranište	M	59	oil	for burns (EM)
Pirot	Vranište	F	52	oil	for cuts (EM)
Pirot	Vranište	M	65	oil	against burns (EM)
Pirot	Gnjilan	F	32	tea	for stomach diseases (EM)
Pirot	Gnjilan	F	43	oil	for external open wounds (EM)
Pirot	Gnjilan	F	64	oil	for wounds (EM, EV)
Pirot	Gnjilan	F	64	tea	for the stomach (EM)
Pirot	Gnjilan	M	41	oil	for wounds (EM)
Pirot	Gnjilan	F	37	oil	for wounds and burns (EM)
Pirot	Gnjilan	F	37	tea	menstrual problems (EM)
Pirot	Gnjilan	F	78	oil	for wounds (EM)
Pirot	Gostuša	F	65	tea	for stomach diseases (EM)
Pirot	Gostuša	M	56	tea	for the stomach (EM)

Pirot	Gostuša	M	52	oil	for wounds (EM)
Pirot	Gostuša	M	52	tea	for stomach diseases (EM)
Pirot	Gostuša	M	52	oil	for burns (EM)
Pirot	Gostuša	F	48	oil	for wounds (EM)
Pirot	Gostuša	F	48	tea	for stomach diseases (EM)
Pirot	Gostuša	M	59	oil	burns (EM)
Pirot	Gostuša	M	59	tea	for stomach (EM)
Pirot	Gostuša	M	66	oil	for wounds (EM)
Pirot	Gostuša	M	59	tea	for stomach (EM)
Pirot	Gostuša	M	59	tea	biliary disease (EM)
Pirot	Gradašnica	F	72	oil	for wounds (EM)
Pirot	Gradašnica	F	73	tea	diseases of the bladder and kidneys (EM)
Pirot	Gradašnica	F	73	oil	for hemorrhoids (EM)
Pirot	Gradašnica	F	57	oil	for wounds (EM)
Pirot	Gradašnica	F	41	tea	for wounds (EM)
Pirot	Gradašnica	F	35	oil	for wounds (EM)
Pirot	Gradašnica	F	29	oil	for wounds and burns (EM)
Pirot	Dobri Do	M	55	oil	for wounds (EM)
Pirot	Dojkinci	F	55	tea	for stomach (EM)
Pirot	Dojkinci	M	77	oil	for wounds (EM)
Pirot	Dojkinci	F	45	oil	for burns (EM)
Pirot	Dojkinci	M	66	oil	for wounds (EM)
Pirot	Dojkinci	M	66	tea	for stomach (EM)
Pirot	Dojkinci	F	68	tea	against cough (EM)
Pirot	Dojkinci	M	67	tea	for wounds (EM)
Pirot	Dojkinci	M	67	oil	for the stomach (EM)
Pirot	Dojkinci	F	56	oil	for wounds and burns (EM)
Pirot	Dojkinci	F	69	tea	as tranquilizer (EM)
Pirot	Dojkinci	F	46	oil	for wounds (EM)
Pirot	Držina	M	65	oil	for wounds (EM)
Pirot	Držina	F	67	oil	for wounds (EM, EV)
Pirot	Držina	M	50	oil	for wounds (EM)
Pirot	Držina	F	33	oil	for wounds (EM)
Pirot	Držina	M	65	oil	for wounds and burns (EM)
Pirot	Držina	F	48	oil	for wounds (EM)

Pirot	Držina	M	77	oil	for wounds and burns (EM)
Pirot	Držina	F	70	oil	for wounds (EM)
Pirot	Držina	F	70	tea	for the stomach (EM)
Pirot	Zaskovci	M	79	tea	upset stomach (EM)
Pirot	Zaskovci	M	79	oil	for wounds (EM)
Pirot	Zaskovci	F	25	tea	unknown (EM)
Pirot	Zaskovci	M	77	oil	for burns (EM)
Pirot	Izvor	F	75	tea	upset stomach (EM)
Pirot	Izvor	M	17	oil	for burns (EM)
Pirot	Izvor	F	25	oil	for wounds and burns (EM)
Pirot	Izvor	F	57	tea	for stomach (EM)
Pirot	Izvor	M	53	tea	for stomach (EM)
Pirot	Izvor	F	58	tea	for stomach (EM)
Pirot	Izvor	F	58	oil	for wounds (EM)
Pirot	Izvor	F	64	tea	against high blood pressure (EM)
Pirot	Izvor	F	62	oil	for wounds and burns (EM)
Pirot	Izvor	F	62	tea	as tranquilizer (EM)
Pirot	Izvor	F	63	tea	in inflammatory processes (EM)
Pirot	Jalbotina	M	43	oil	for wounds (EM)
Pirot	Jelovica	M	85	oil	for burns (EM)
Pirot	Jelovica	M	53	oil	for wounds and burns (EM)
Pirot	Kamik	M	50	tea	for stomach (EM)
Pirot	Koprivštica	M	45	oil	for wounds (EM)
Pirot	Koprivštica	F	58	tea	sore throat (EM)
Pirot	Koprivštica	M	40	oil	for burns (EM)
Pirot	Kostur	M	73	oil	for wounds (EM)
Pirot	Krupac	F	54	tea	against heartburn (EM)
Pirot	Krupac	F	54	oil	for wounds (EM)
Pirot	Krupac	F	65	oil	for wounds (EM)
Pirot	Krupac	F	65	tea	sore throat (EM)
Pirot	Krupac	M	60	oil	for wounds (EM)
Pirot	Krupac	M	52	tea	for stomach (EM)
Pirot	Krupac	M	27	oil	for wounds (EM)
Pirot	Kumanovo	F	63	oil	for wounds (EM)

Pirot	Kumanovo	F	81	tea	unknown (EM)
Pirot	Mali Jovanovac	F	49	bran. extr.	for the bones, against the islands in the joints (EM)
Pirot	Mali Jovanovac	M	55	oil	for wounds (EM)
Pirot	Mali Jovanovac	M	55	tea	upset stomach (EM)
Pirot	Mali Jovanovac	F	58	oil	for wounds (EM)
Pirot	Mali Suvodol	F	54	oil	for wounds (EM, EV)
Pirot	Mali Suvodol	F	70	oil	for wounds (EM)
Pirot	Mali Suvodol	M	65	oil	for wounds (EM)
Pirot	Mali Suvodol	F	61	oil	for wounds (EM)
Pirot	Milojkovac	M	88	tea	against cough (EM)
Pirot	Milojkovac	M	66	tea	gynecological problems (EM)
Pirot	Milojkovac	M	66	oil	for burns (EM)
Pirot	Nišor	F	16	oil	for wounds (EM)
Pirot	Nišor	M	58	oil	for burns (EM)
Pirot	Novi Zavoj	F	67	tea	against cough (EM)
Pirot	Novi Zavoj	F	34	oil	for wounds (EM)
Pirot	Novi Zavoj	F	27	oil	for wounds (EM)
Pirot	Novi Zavoj	F	38	oil	for burns (EM)
Pirot	Obrenovac	F	35	tea	urinary infections (EM)
Pirot	Oreovica	M	42	oil	for burns (EM)
Pirot	Oreovica	M	42	tea	for stomach (EM)
Pirot	Oreovica	F	58	tea	as tranquilizer (EM)
Pirot	Oreovica	M	24	oil	for wounds (EM)
Pirot	Oreovica	F	60	oil	for wounds (EM)
Pirot	Oreovica	F	81	tea	for the stomach (EM)
Pirot	Orlja	M	67	tea	upset stomach (EM)
Pirot	Osmakova	F	55	oil	for wounds and burns (EM)
Pirot	Pakleštica	M	73	oil	for wounds (EM)
Pirot	Pakleštica	M	78	tea	for stomach (gastritis) (EM)
Pirot	Pakleštica	M	35	oil	for wounds (EM)
Pirot	Petrovac	F	55	tea	urinary tract (EM)
Pirot	Petrovac	F	55	oil	for wounds and burns (EM)
Pirot	Petrovac	M	46	oil	for burns (EM)
Pirot	Petrovac	M	50	oil	for wounds (EM)
Pirot	Planinica	F	50	oil	for burns (EM)

Pirot	Planinica	F	50	tea	for the stomach (EM)
Pirot	Pokrevenik	M	58	tea	for stomach (EM)
Pirot	Pokrevenik	F	54	tea	for stomach (EM)
Pirot	Pokrevenik	F	54	oil	for wounds (EM)
Pirot	Pokrevenik	M	16	tea	upset stomach (EM)
Pirot	Pokrevenik	F	65	oil	for wounds and burns (EM)
Pirot	Pokrevenik	M	64	oil	for wounds (EM)
Pirot	Pokrevenik	M	64	oil	for pimples (EM)
Pirot	Pokrevenik	F	52	tea	upset stomach (EM)
Pirot	Pokrevenik	M	76	tea	against cough (EM)
Pirot	Pokrevenik	F	34	odv.	for wounds (EM)
Pirot	Pokrevenik	M	84	tea	unknown (EM)
Pirot	Pokrevenik	F	47	tea	upset stomach (EM)
Pirot	Pokrevenik	F	47	tea	against depression (EM)
Pirot	Poljska Ržana	M	68	oil	for wounds (EM)
Pirot	Poljska Ržana	F	58	oil	for wounds (EM)
Pirot	Poljska Ržana	M	30	tea	upset stomach (EM)
Pirot	Poljska Ržana	F	55	tea	for appetite (EM)
Pirot	Poljska Ržana	M	51	oil	for wounds (EM)
Pirot	Ponor	M	77	tea	pulmonary diseases (asthma...) (EM)
Pirot	Ponor	M	77	tea	for stomach (gastritis) (EM)
Pirot	Ponor	M	77	oil	for wounds (EM)
Pirot	Ponor	F	59	tea	upset stomach (EM)
Pirot	Ponor	F	59	oil	for wounds (EM)
Pirot	Ponor	M	49	oil	for wounds (EM, EV)
Pirot	Ponor	F	72	oil	for wounds (EM, EV)
Pirot	Ponor	M	50	oil	for wounds (EM)
Pirot	Ponor	M	50	oil	for hemorrhoids (EM)
Pirot	Ponor	M	50	tea	for stomach (EM)
Pirot	Ponor	F	63	tea	for stomach (EM)
Pirot	Ponor	F	63	oil	for wounds (EM)
Pirot	Ponor	F	63	oil	for hemorrhoids (EM)
Pirot	Ponor	M	41	oil	for wounds (EM)
Pirot	Ponor	F	54	oil	for wounds (EM)
Pirot	Ponor	F	21	tea	as tranquilizer (EM)

Pirot	Ponor	F	62	oil	for wounds (EM, EV)
Pirot	Ragodeš	M	85	tea	diseases of the bladder and kidneys (EM)
Pirot	Ragodeš	F	30	oil	for wounds and burns (EM)
Pirot	Ragodeš	M	72	oil	for wounds (EM)
Pirot	Ragodeš	M	75	oil	for wounds (EM)
Pirot	Ragodeš	M	78	tea	lung disease (asthma...) (EM)
Pirot	Ragodeš	M	78	tea	cleansing the body (EM)
Pirot	Rasnica	F	38	oil	for wounds and burns (EM)
Pirot	Rosomač	F	43	oil	for wounds and burns (EM)
Pirot	Rosomač	M	25	oil	for wounds (EM)
Pirot	Rsovc	M	53	oil	for wounds (EM)
Pirot	Rudinje	M	78	tea	for heart (EM)
Pirot	Rudinje	M	78	tea	diseases of blood vessels (EM)
Pirot	Slavinja	F	50	tea	for stomach (EM)
Pirot	Slavinja	M	65	oil	for wounds (EM)
Pirot	Slavinja	M	60	tea	diseases of the bladder and kidneys (EM)
Pirot	Sopot	F	63	oil	for burns (EM)
Pirot	Sopot	M	31	tea	for stomach (EM)
Pirot	Sopot	M	31	tea	liver disease (EM)
Pirot	Sopot	M	31	tea	biliary disease (EM)
Pirot	Sopot	M	31	oil	for wounds and burns (EM)
Pirot	Sopot	M	64	oil	for wounds (EM)
Pirot	Sopot	F	59	tea	upset stomach (EM)
Pirot	Sopot	F	59	tea	menstrual problems (EM)
Pirot	Sopot	M	47	tea	strengthening the immune system (EM)
Pirot	Sopot	M	47	tea	stomach ulcer and duodenal ulcer (EM)
Pirot	Sopot	F	73	oil	for burns (EM)
Pirot	Sopot	F	73	tea	for stomach (EM)
Pirot	Sopot	F	73	oil	for hemorrhoids (EM)
Pirot	Sopot	F	65	oil	for burns (EM, EV)
Pirot	Sopot	M	70	oil	for burns (EM)
Pirot	Srečkovac	F	53	oil	for wounds (EM)
Pirot	Srečkovac	F	53	tea	for stomach (EM)

Pirot	Staničenje	F	60	oil	for wounds (EM)
Pirot	Staničenje	M	59	tea	unknown (EM)
Pirot	Staničenje	F	70	oil	for wounds (EM)
Pirot	Staničenje	F	20	tea	for wounds (EM)
Pirot	Staničenje	F	80	oil	for wounds and burns (EM)
Pirot	Staničenje	F	24	tea	diseases of the bladder and kidneys (EM)
Pirot	Staničenje	F	24	tea	upset stomach (EM)
Pirot	Staničenje	M	50	oil	for burns, eczema, rash (EM)
Pirot	Staničenje	F	24	oil	for corns (EM, EV)
Pirot	Staničenje	M	33	tea	unknown (EM)
Pirot	Staničenje	F	72	oil	for wounds (EM)
Pirot	Staničenje	F	16	oil	for burns (EM)
Pirot	Sukovo	F	35	oil	for wounds (EM, EV)
Pirot	Sukovo	M	30	oil	for wounds (EM)
Pirot	Sukovo	F	54	oil	for wounds (EM, EV)
Pirot	Sukovo	M	18	tea	against colds (EM)
Pirot	Sukovo	F	20	oil	for cuts and burns (EM)
Pirot	Sukovo	M	50	oil	for wounds (EM)
Pirot	Sukovo	F	53	oil	for wounds (EM)
Pirot	Sukovo	M	73	tea	for the nerves (EM)
Pirot	Sukovo	F	59	oil	for wounds (EM)
Pirot	Sukovo	F	35	oil	for wounds (EM)
Pirot	Sukovo	M	63	oil	for wounds and burns (EM)
Pirot	Temska	M	40	oil	for wounds (EM)
Pirot	Temska	M	43	tea	treating intestinal tract (EM)
Pirot	Temska	M	61	oil	for wounds (EM)
Pirot	Temska	F	71	oil	for wounds (EM)
Pirot	Temska	M	46	oil	for wounds (EM)
Pirot	Temska	M	58	oil	for wounds and burns (EM)
Pirot	Temska	M	58	tea	diseases of bladder and kidneys (EM)
Pirot	Topli Do	M	78	oil	for wounds (EM)
Pirot	Topli Do	M	76	tea	for wounds (EM)
Pirot	Topli Do	M	62	oil	for burns (EM)
Pirot	Topli Do	M	62	tea	upset stomach (EM)

Pirot	Trnjana	F	52	oil	for burns (EM)
Pirot	Trnjana	F	53	tea	for stomach (EM)
Pirot	Trnjana	M	46	tea	for stomach (EM)
Pirot	Trnjana	M	46	oil	for wounds (EM)
Pirot	Cerev Del	F	47	tea	against inflammatory processes (EM)
Pirot	Cerova	M	65	tea	diseases of internal organs (EM)
Pirot	Cerova	M	76	tea	for stomach (EM)
Pirot	Cerova	M	76	oil	for wounds (EM)
Pirot	Cerova	M	59	oil	for wounds (EM, EV)
Pirot	Cerova	M	59	tea	against colds (EM)
Pirot	Crvenčevo	M	63	oil	for wounds (EM)
Pirot	Crvenčevo	F	60	oil	for wounds (EM)
Pirot	Crvenčevo	F	60	tea	diseases of internal organs (EM)
Pirot	Crvenčevo	M	74	tea	antiseptic effect (EM)
Pirot	Crvenčevo	M	74	oil	for wounds (EM)
Pirot	Crnoklište	M	46	tea	for stomach (EM)
Pirot	Crnoklište	F	33	oil	for wounds (EM)
Pirot	Crnoklište	M	35	oil	for wounds (EM)
Pirot	Crnoklište	F	52	oil	for wounds (EM)
Pirot	Crnoklište	M	80	oil	for wounds and scratches (EM)
Pirot	Crnoklište	M	41	oil	for wounds (EM)
Pirot	Činiglavci	M	71	oil	for wounds and burns (EM)
Pirot	Činiglavci	M	44	oil	for wounds (EM)
Babušnica	Berduj	F	71	oil	for wounds (EM)
Babušnica	Berduj	F	20	oil	for wounds and burns (EM, EV)
Babušnica	Berduj	F	20	tea	menstrual problems (EM)
Babušnica	Bratiševac	M	64	oil	for wounds (lubrication of cow's neck) (EV)
Babušnica	Bratiševac	M	50	oil	for wounds (EM, EV)
Babušnica	Vava	M	44	oil	for wounds (EM)
Babušnica	Vava	M	44	oil	for hemorrhoids (EM)
Babušnica	Valniš	F	55	tea	as tranquilizer (EM)
Babušnica	Valniš	F	55	tea	against cough (EM)
Babušnica	Valniš	F	55	tea	for stomach (EM)
Babušnica	Vojnici	M	18	oil	for wounds and burns (EM)

Babušnica	Vrelo	F	51	tea	for appetite (EM)
Babušnica	Vuči Del	M	59	oil	for wounds (EM)
Babušnica	Vuči Del	F	63	oil	for wounds (EM, EV)
Babušnica	Vuči Del	F	54	oil	for wounds (EM)
Babušnica	Gorčinci	F	50	tea	for stomach (EM)
Babušnica	Gorčinci	F	50	oil	for wounds (EV)
Babušnica	Gorčinci	F	62	tea	against colds (EM)
Babušnica	Gorčinci	F	62	oil	for wounds and burns (EV)
Babušnica	Gorčinci	F	57	tea	for the stomach (EM)
Babušnica	Gorčinci	F	57	oil	for wounds (EM)
Babušnica	Grnčar	F	32	tea	diseases of bladder and kidneys (EM)
Babušnica	Dol	M	52	tea	upset stomach (EM)
Babušnica	Dol	F	64	tea	unknown (EM)
Babušnica	Dol	M	62	oil	for wounds (EM)
Babušnica	Dol	M	62	tea	against colds (EM)
Babušnica	Dol	F	72	tea	for stomach diseases (EM)
Babušnica	Donje Krnjino	M	50	oil	for wounds (EM)
Babušnica	Donje Krnjino	F	28	oil	for wounds (EM)
Babušnica	Donje Krnjino	F	41	oil	for wounds (EM)
Babušnica	Donje Krnjino	M	54	oil	for wounds (EM)
Babušnica	Donje Krnjino	M	47	oil	for wounds (EM)
Babušnica	Draginac	M	72	tea	for stomach (EM)
Babušnica	Draginac	F	54	oil	for wounds and burns (EM)
Babušnica	Draginac	F	54	tea	against cold (EM)
Babušnica	Zavidince	F	44	tea	for stomach (EM)
Babušnica	Zvonce	M	61	tea	against high blood pressure (EM)
Babušnica	Zvonce	M	35	oil	for wounds (EM)
Babušnica	Zvonce	F	52	tea	for stomach (EM)
Babušnica	Zvonce	M	40	oil	for wounds (EM)
Babušnica	Zvonce	M	48	tea	preventively against diseases (EM) instead of coffee (EM)
Babušnica	Izvor	M	72	tea	diseases of bladder and kidneys (EM)
Babušnica	Kaluderevo	M	50	oil	for burns (EM)

Babušnica	Kaluđerovo	F	72	tea	against colds (EM)
Babušnica	Kaluđerovo	F	72	tea	lung disease (EM)
Babušnica	Kaluđerovo	F	72	oil	for wounds (EM)
Babušnica	Kaluđerovo	M	76	tea	for stomach (EM)
Babušnica	Kambelevac	F	44	tea	for stomach (EM)
Babušnica	Kambelevac	F	44	oil	for wounds (EM)
Babušnica	Kambelevac	M	67	oil	for wounds (EM)
Babušnica	Kambelevac	M	62	oil	for wounds (EM)
Babušnica	Kambelevac	M	62	tea	for nerves (EM)
Babušnica	Kambelevac	M	73	oil	for wounds (EM)
Babušnica	Kambelevac	M	73	tea	for stomach (EM)
Babušnica	Kambelevac	M	72	oil	for wounds and burns (EM)
Babušnica	Ljuberađa	M	20	oil	for burns (EM)
Babušnica	Ljuberađa	M	70	oil	for wounds (EM)
Babušnica	Ljuberađa	M	20	oil	for burns (EM)
Babušnica	Ljuberađa	M	25	oil	for wounds (EM)
Babušnica	Ljuberađa	M	55	oil	for wounds (EM)
Babušnica	Masurovci	M	85	oil	for wounds (EM)
Babušnica	Masurovci	M	66	oil	for wounds (EM)
Babušnica	Modra Stena	M	37	tea	for stomach diseases (EM)
Babušnica	Modra Stena	M	37	tea	for stomach (EM)
Babušnica	Modra Stena	M	50	tea	upset stomach (EM)
Babušnica	Našuškovića	M	51	oil	for wounds (EM)
Babušnica	Našuškovića	F	30	tea	against colds (EM)
Babušnica	Našuškovića	M	50	oil	for wounds (EM, EV)
Babušnica	Našuškovića	M	70	tea	for stomach (EM)
Babušnica	Preseka	M	28	oil	for burns (EM)
Babušnica	Preseka	M	28	tea	as tranquilizer (EM)
Babušnica	Provaljenik	F	63	oil	for wounds (EM)
Babušnica	Provaljenik	M	30	oil	for wounds (EM)
Babušnica	Provaljenik	F	43	tea	diseases of bladder and kidneys (EM)

Babušnica	Provaljenik	F	43	tea	for stomach (EM)
Babušnica	Radinjince	F	62	tea	for stomach (EM)
Babušnica	Radinjince	M	79	tea	unknown (EM)
Babušnica	Radinjince	F	37	tea	diseases of bladder and kidneys (EM)
Babušnica	Radinjince	F	37	tea	sore throat (EM)
Babušnica	Radinjince	F	37	oil	for wounds (EM)
Babušnica	Radoševac	M	59	tea	respiratory diseases (EM)
Babušnica	Radoševac	M	59	oil	for wounds (EM)
Babušnica	Radoševac	F	43	tea	for stomach (EM)
Babušnica	Radoševac	M	49	oil	for burns (EM)
Babušnica	Radoševac	F	58	tea	blood purification (EM)
Babušnica	Radoševac	M	53	oil	for wounds (EM)
Babušnica	Radoševac	M	53	tea	for stomach diseases (EM)
Babušnica	Radoševac	F	28	tea	face washing (EM)
Babušnica	Radoševac	F	28	tea	antiinflammatory (EM)
Babušnica	Radoševac	M	63	tea	for stomach (EM)
Babušnica	Rakita	F	56	tea	upset stomach (EM)
Babušnica	Resnik	F	75	oil	for wounds (EM)
Babušnica	Resnik	M	40	tea	urinary tract (EM)
Babušnica	Resnik	F	77	tea	for stomach (EM)
Babušnica	Studena	M	18	oil	for wounds (EM)
Babušnica	Suračevo	M	24	tea	upset stomach (EM)
Babušnica	Crvena Jabuka	F	59	oil	for wounds (EM)
Babušnica	Crvena Jabuka	M	67	oil	for burns (EM)
Bela Palanka	Babin Kal	F	65	oil	for wounds (EM)
Bela Palanka	Babin Kal	F	70	oil	for wounds (EM)
Bela Palanka	Bežište	M	38	oil	for burns (EM)
Bela Palanka	Bežište	F	48	oil	for wounds (EV)
Bela Palanka	Bežište	M	36	oil	for wounds (EM)
Bela Palanka	Veta	M	62	oil	for wounds (EM)
Bela Palanka	Vitanovac	F	73	oil	for wounds and burns (EM)
Bela Palanka	Vrandol	M	17	tea	unknown (EM)
Bela Palanka	Vrandol	F	57	tea	against cough (EM)
Bela Palanka	Vrandol	F	57	tea	bronchitis (EM)

Bela Palanka	Vrandol	M	26	oil	for wounds and burns (EM)
Bela Palanka	Vrandol	F	47	tea	against cold (EM)
Bela Palanka	Vrandol	F	20	oil	for burns (EM)
Bela Palanka	Vrandol	M	58	oil	for wounds (EM)
Bela Palanka	Vrgudinac	M	68	tea	for wounds (EM)
Bela Palanka	Vrgudinac	F	60	oil	for wounds (EM)
Bela Palanka	Vrgudinac	F	60	tea	upset stomach (EM)
Bela Palanka	Vrgudinac	F	60	tea	for stomach (EM)
Bela Palanka	Vrgudinac	M	82	oil	for wounds (EM)
Bela Palanka	Vrgudinac	M	82	tea	for stomach (EM)
Bela Palanka	Glogovac	M	62	oil	for wounds and burns (EM)
Bela Palanka	Gornja Koritnica	F	70	tea	against pain (EM)
Bela Palanka	Gornja Koritnica	F	70	oil	for wounds (EM)
Bela Palanka	Gornja Koritnica	F	44	oil	for wounds (EM)
Bela Palanka	Divljana	M	62	oil	for wounds (EM, EV)
Bela Palanka	Divljana	F	46	oil	for wounds (EM)
Bela Palanka	Dolac	M	52	oil	for burns (EM)
Bela Palanka	Dolac	M	27	oil	for wounds (EM)
Bela Palanka	Dolac	M	53	oil	for burns (EM)
Bela Palanka	Donja Glama	M	74	oil	for wounds (EM)
Bela Palanka	Donja Koritnica	F	73	oil	for wounds (EM)
Bela Palanka	Donja Koritnica	M	25	oil	for burns (EM)
Bela Palanka	Donja Koritnica	M	54	tea	as tranquilizer (EM)
Bela Palanka	Donja Koritnica	F	75	oil	for wounds (EM)
Bela Palanka	Donji Rinj	M	73	oil	for wounds (EM)
Bela Palanka	Draževo	F	54	oil	for wounds (EM)
Bela Palanka	Klisura	F	60	oil	for wounds (EM)
Bela Palanka	Klisura	M	52	oil	for wounds (EM)
Bela Palanka	Klisura	F	59	tea	for wounds (EM)
Bela Palanka	Klisura	M	45	tea	preventively against diseases (EM) instead of coffee (EM)
Bela Palanka	Klisura	M	55	tea	for wounds (EM)
Bela Palanka	Klisura	M	56	oil	for wounds (EM)
Bela Palanka	Kozja	M	77	oil	for cuts and wounds (EM)
Bela Palanka	Kozja	F	47	oil	for wounds (EM)
Bela Palanka	Kozja	M	25	tea	unknown (EM)

Bela Palanka	Kosmovac	M	53	tea	for stomach illnesses (EM)
Bela Palanka	Kremenica	F	56	tea	against high temperatures (EM)
Bela Palanka	Kremenica	F	56	tea	against cold (EM)
Bela Palanka	Kremenica	M	62	oil	for wounds (EM)
Bela Palanka	Krupac	F	77	tea	for stomach (EM)
Bela Palanka	Krupac	F	77	oil	for wounds (EM)
Bela Palanka	Krupac	M	64	tea	against cold (EM)
Bela Palanka	Krupac	F	33	tea	for wounds (EM)
Bela Palanka	Lanište	M	60	oil	for wounds and burns (EM)
Bela Palanka	Lanište	M	60	tea	as tranquilizer (EM)
Bela Palanka	Lanište	F	46	oil	for wounds (EM)
Bela Palanka	Lanište	F	46	tea	for stomach (EM)
Bela Palanka	Lanište	M	50	oil	for wounds (EM)
Bela Palanka	Lanište	M	70	oil	for wounds (EM)
Bela Palanka	Lanište	M	56	oil	for wounds (EM)
Bela Palanka	Leskovik	M	45	oil	for burns (EM)
Bela Palanka	Ljubatovica	F	48	tea	upset stomach (EM)
Bela Palanka	Ljubatovica	F	67	tea	gynecological problems (EM)
Bela Palanka	Ljubatovica	F	67	oil	for wounds (EM)
Bela Palanka	Ljubatovica	F	62	tea	against cold (EM)
Bela Palanka	Ljubatovica	F	62	tea	liver disease (EM)
Bela Palanka	Ljubatovica	F	20	tea	unknown (EM)
Bela Palanka	Ljubatovica	F	62	tea	upset stomach (EM)
Bela Palanka	Moklište	F	24	tea	upset stomach (EM)
Bela Palanka	Moklište	M	49	oil	for wounds (EM)
Bela Palanka	Moklište	F	56	oil	against cough (EM)
Bela Palanka	Moklište	M	60	oil	for burns (EM)
Bela Palanka	Moklište	F	68	oil	for burns (EM)
Bela Palanka	Moklište	F	44	tea	for nerves (EM)
Bela Palanka	Mokra	F	60	oil	for burns (EM)
Bela Palanka	Mokra	M	75	oil	for wounds (EM, EV)
Bela Palanka	Mokra	M	66	oil	for wounds (EM)
Bela Palanka	Novo Selo	M	59	tea	antidepression (EM)
Bela Palanka	Novo Selo	M	59	oil	for wounds and burns (EM)
Bela Palanka	Novo Selo	F	46	oil	for burns (EM)

Bela Palanka	Novo Selo	M	57	oil	for wounds (EM)
Bela Palanka	Novo Selo	M	75	oil	for wounds (EM)
Bela Palanka	Pajež	M	33	oil	for wounds (EM)
Bela Palanka	Sinjac	F	53	oil	for wounds (EM)
Bela Palanka	Sinjac	M	45	oil	for wounds (EM)
Bela Palanka	Sinjac	F	28	oil	for wounds and burns (EM)
Bela Palanka	Sinjac	M	32	oil	for burns (EM)
Bela Palanka	Sinjac	F	50	oil	for wounds (EM, EV)
Bela Palanka	Sinjac	F	69	oil	for wounds (EM)
Bela Palanka	Telovac	M	58	oil	for wounds (EM)
Bela Palanka	Crvena Reka	F	53	tea	for wounds (EM)
Bela Palanka	Crvena Reka	M	36	oil	for wounds (EM)
Bela Palanka	Crvena Reka	F	57	oil	for wounds and burns (EM)
Bela Palanka	Crvena Reka	M	65	oil	for wounds and burns (EM)
Bela Palanka	Crvena Reka	F	61	tea	against cough (EM)
Bela Palanka	Crvena Reka	F	61	oil	for wounds (EM)
Bela Palanka	Crveni Breg	M	52	oil	for wounds (EM)
Bela Palanka	Crveni Breg	F	50	tea	for stomach (EM)
Bela Palanka	Crveni Breg	F	50	oil	for burns (EM)
Bela Palanka	Crnče	F	65	oil	for wounds (EM)
Bela Palanka	Crnče	F	66	tea	diseases of bladder and kidneys (EM)
Bela Palanka	Čiflik	M	85	tea	against cold (EM)
Bela Palanka	Čiflik	F	31	oil	for burns (EM)
Bela Palanka	Čiflik	F	60	oil	for wounds and burns (EM)
Bela Palanka	Šljivovik	M	53	oil	for wounds and burns (EM)
Bela Palanka	Šljivovik	M	70	tea	high blood pressure (EM)
Bela Palanka	Šljivovik	M	50	oil	for wounds and burns (EM)
Bela Palanka	Špaj	M	53	oil	for wounds (EM)
Bela Palanka	Špaj	M	62	oil	for burns (EM)
Bela Palanka	Špaj	M	82	oil	for wounds (EM)
Dimitrovgrad	Banski Dol	M	47	tea	upset stomach (EM)
Dimitrovgrad	Banski Dol	M	47	oil	for wounds (EM)
Dimitrovgrad	Banski Dol	M	62	oil	for wounds (EM)
Dimitrovgrad	Bilo	M	31	oil	for wounds (EM)
Dimitrovgrad	Boljev Dol	F	57	oil	for wounds (EM)

Dimitrovgrad	Verzar	M	22	tea	upset stomach (EM)
Dimitrovgrad	Visočki Odorovci	F	37	tea	upset stomach (EM)
Dimitrovgrad	Visočki Odorovci	F	37	tea	against diarrhea (EV)
Dimitrovgrad	Visočki Odorovci	F	37	oil	for wounds (EM, EV)
Dimitrovgrad	Vlkovija	F	61	oil	for wounds (EM)
Dimitrovgrad	Gojin Dol	M	55	tea	blood purification (EM)
Dimitrovgrad	Gojin Dol	M	60	oil	for wounds (EM)
Dimitrovgrad	Gornji Krivodol	F	73	oil	for healing of wounds (EM)
Dimitrovgrad	Gornji Krivodol	M	75	oil	for wounds and burns (EM)
Dimitrovgrad	Gornji Krivodol	F	60	oil	for wounds and sore spots (EM)
Dimitrovgrad	Gradinje	F	37	tea	for stomach (EM)
Dimitrovgrad	Gulenovci	F	35	oil	for wounds and burns (EM)
Dimitrovgrad	Gulenovci	F	35	tea	Washing cervical sores (EM)
Dimitrovgrad	Dragovita	M	57	oil	for wounds (EM)
Dimitrovgrad	Izatovci	M	52	tea	upset stomach (EM)
Dimitrovgrad	Kamenica	F	36	oil	for wounds (EM)
Dimitrovgrad	Kusa Vrana	M	41	oil	for wounds (EM)
Dimitrovgrad	Lukavica	F	63	tea	against cough (EM)
Dimitrovgrad	Lukavica	M	60	tea	bronchitis (EM)
Dimitrovgrad	Lukavica	F	42	oil	for wounds and burns (EM)
Dimitrovgrad	Lukavica	F	50	tea	unknown (EM)
Dimitrovgrad	Petrlaš	M	37	oil	for wounds (EM)
Dimitrovgrad	Poganovo	M	74	oil	for burns (EM)
Dimitrovgrad	Poganovo	F	49	tea	upset stomach (EM)
Dimitrovgrad	Poganovo	M	32	oil	for wounds (EM)
Dimitrovgrad	Poganovo	F	47	tea	urinary tract (EM)
Dimitrovgrad	Radejna	M	54	oil	for wounds and burns (EM)
Dimitrovgrad	Radejna	F	70	tea	for wounds (EM)
Dimitrovgrad	Radejna	M	61	tea	against diarrhea (EV)
Dimitrovgrad	Radejna	M	61	oil	for wounds (EV)
Dimitrovgrad	Radejna	F	51	oil	for wounds (EM)
Dimitrovgrad	Radejna	F	51	tea	against diarrhea (EV)
Dimitrovgrad	Radejna	M	35	tea	unknown (EM)
Dimitrovgrad	Radejna	M	63	tea	urinary tract (EM)

Dimitrovgrad	Senokos	M	65	tea	diseases of bladder and kidneys (EM)
Dimitrovgrad	Slivnica	M	68	oil	for wounds (EM)
Dimitrovgrad	Smilovci	M	63	oil	for wounds (EM)
Dimitrovgrad	Smilovci	F	47	oil	for wounds (EM)
Dimitrovgrad	Smilovci	M	28	oil	for wounds (EM)
Dimitrovgrad	Smilovci	F	50	oil	for wounds (EM)
Dimitrovgrad	Smilovci	M	62	tea	kidney disease (EM)
Dimitrovgrad	Smilovci	M	62	tea	prostate disease (EM)
Dimitrovgrad	Smilovci	F	63	tea	upset stomach (EM)
Dimitrovgrad	Smilovci	F	63	oil	for wounds (EM)
Dimitrovgrad	Smilovci	M	26	oil	for burns (EM)
Dimitrovgrad	Smilovci	M	28	oil	for wounds (EM)
Dimitrovgrad	Smilovci	M	53	tea	against inflammation (EM)
Dimitrovgrad	Trnski Odorovci	M	57	oil	for wounds (EM)
Dimitrovgrad	Trnski Odorovci	F	63	oil	for wounds (EM)
Dimitrovgrad	Trnski Odorovci	M	34	tea	for burns (EM)
Dimitrovgrad	Trnski Odorovci	M	61	oil	for wounds (EM)
Dimitrovgrad	Trnski Odorovci	M	27	oil	for wounds (EM)
Dimitrovgrad	Trnski Odorovci	M	65	oil	for wounds (EM)
Dimitrovgrad	Trnski Odorovci	M	45	oil	for wounds (EM)
Dimitrovgrad	Trnski Odorovci	M	56	tea	as tranquilizer (EM)

The results show that St. John's wort in the Pirot County is used in the form of tea (235 respondents), oil (334 respondents), brandy extract (one respondent) or boiled potion (one respondent). The population of the County is well-informed about the beneficial properties of St. John's wort and uses it in ethnomedicine (562 respondents) and in ethnoveterinary medicine (19 respondents). It usually has an external use for wound healing (281 respondents) and sunburns (98 patients), but also has applications for inner stomach discomfort, disease of the lungs, kidneys, male and female urinary and reproductive systems, against high-temperature, as a tranquilizer, etc.

St. John's Wort is well-known in ethno-pharmacological folk medicine in the Pirot County, having different internal and external uses.

CONCLUSION

The conducted survey revealed that in Pirot County, St. John's wort has the most extensive use of all mentioned medicinal herbs, and the population is very well informed about its beneficial properties. The above-ground part of the plant in flower is used in the form of tea, oil, extract in brandy or boiled potion.

In ethnomedicine it is used for the treatment of wounds, scratches, cuts and burns, eczema, swollen ears, eye and pimple bark, internal organ diseases, stomach diseases (for digestion, stomach, stomach ulcer and duodenal ulcer, liver and throat disease, (for asthma), against cold, coughs and lung diseases (asthma, bronchitis), gynecological problems, anti-myalgia, bladder and kidney disease, as an antibiotic-related antiseptic agent, in inflammatory processes (inflammation of the throat, urinary tract,), menstrual problems, cervical wounds, prostate diseases, bones (against the islands in the joints), high blood pressure, depression and calm, to strengthen the immunity of the organism, as a prevention against diseases and instead of coffee.

St. John's wort oil is used in ethnoveterinary medicine to treat wounds (for example, lubricating wounded cow worms), as well as against diarrhea in domestic animals.

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РЕЗИМЕ

Етнофармаколошка студија је спроведена у Пиротском округу, који обухвата четири општине (Пирот, Бабушница, Бела Паланка и Димитровград). Забележено је присуство 324 биљних врста које се сматрају официналним или се користе у народној медицини. Сеоско становништво у наведеним општинама је анкетирано о познавању и коришћењу лековитог биља, попуњавањем упитника који је садржао опште податке о испитаницима и специфична питања која се односе на познавање, сакупљање, примену, чување лековитог биља, као и о начинима информисања о лековитом биљу и начинима примене.

Упитником је обухваћено становништво из 144 села Пиротског округа, од чега 65 села у општини Пирот, 32 села у општини Бабушница, 37 села у општини Бела Паланка и 25 села у општини Димитровград. Анкетирано је 628 особа. Одговори из анкете су систематизовани по азбучном реду села у четири општине. Нађено је да испитаници познају 192 лековите биље врсте, које се користе за различите лековите сврхе у етномедицини (4755 уноса) и етноветерини (205 уноса).

Најпознатија и најчешће коришћена лековита биљне врсте у округу је кантарион (*Hupericum perforatum* L.) који је поменуо је 571 испитаник односно 90,5 % од укупног броја испитаника.

Кантарион је вишегодишња, зељаста, лековита биљка која је заступљена на различитим стаништима: храстове шуме, шибљаци, ливаде и пашињаци, шумске чистине, пожаришта. Одвајкада се у народу цени и употребљава споља против посекотина, опекотина, хемороида, за зарастање рана и као антисептик, а изнутра против болова јетре, желуца, пролива, код болести органа за дисање и органа за варење, за лечење чира на желуцу, као благ седатив. Садржи хиперицин, етарско уље, флавоноиде, танине, етарска уља, антибиотска једињења. Употребљава се зељаста надземни део биљке у цвету (*Huperici herba*) у виду чаја, уља, екстракта у ракији или одварка.

У етномедицини Пиротског округа кантарион се најчешће примењује споља за ране, огреботине, посекотине и опекотине, екцеме, осипе, курје очи и против бубуљица, али и за болести унутрашњих органа, стомачне болести. Ређе се користи против прехладе, кашља и плућних болести, код гинеколошких проблема, против малокрвности, болести бешике и бубрега, као антисептичко средство, код упалних процеса, обољења простате, против отока у зглобовима, против високог крвног притиска, депресије и за смирење, за јачање имунитета организма односно као превентива против болести и уместо кафе. У етноветерини се користи кантарионово уље за ране, као и против пролива код домаћих животиња.

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