

TABLE B INDICATIONS FOR *ARTEMISIA VULGARIS* PART II (16th–21st century)

VOCABULARY OF NON-HOLISTIC MEDICINE (mainly EBM***)

AUTHOR TITEL PUBLICATION DATE / PRINT DATE	NAME OF THE PLANT			HEAD PSYCHE	CHEST HEART	STOMACH		LIVER	INTESTINE	KIDNEY U. BLADDER	FEMALES' AILMENTS	EXTERNAL APPLICATIONS	OTHERS	
OTHER PRINTED HERBALS IN GERMAN Jakobus Theodorus Tabernaemontanus (1522–1590) Neuw Kreuterbuch mit schönen künstlichen und leblichen Figuren (1588)	ARTEMISIA rubra + alba many false herbs!			Hysteria “a rising of the womb”	Clears the lungs (dissolves phlegm); “growth and all distortions of the breast” (internal); ASTHMA	Nausea (in a mixture)		Ascites Jaundice	Dysentery Exitus ani Haemorrhoids Genital warts	Urinary tract stones, blood clot in the urinary bladder	Emmenagogic Abortive Prolapse of uterus	Baths (Steam-, Hip-, Foot-, Shame-) Compresses Intrauterine injections Gout / Rheuma Suppository Bartholin's cyst	Epidemic diseases (Pest), Exact recipes, Spice, Poison, Animal bite, Bullet wound, Louses, Neuralgy, Goiter, Migraine, Apotropaic, MALARIA separate indications for herb and root	
						“ S L I P P E R I N E S S ”								
POLISH HERBALS Stefan Falimirz O ziolach y o moczy gich (1534)	BYLICA (Mother of all herbs) In the picture of the plant: “Arthimesia, Bylicia, Deifos”					Tenesmus		Ikterus	Tenesmus		Birth-associated ailments Dysmenorrhea	Skin ulcers (lower leg compresses)	Apotropaic	
Marcin z Urzędowa (1500–1573) Zielnik polski (1595)	ARTEMISIA					Tenesmus			Tenesmus	Diuretic Urinary tract stones ailments		“for legs tired from travel”	TONIC Heavy critic on superstition	
Szymon Syreński (1540-1611) Zielnik Simona Syrenniusza (1613)	BYLICA ARTEMISIA				in the lungs, cough suppressant	Stomachache			Red diarrhea (Dysentery?)	Urinary tract ailments pain in flank	Emmenagogic	Baths, Vaginal-funnel infusions Salve	Malaria Pest (epidemic diseases) Gout, Root – strong abortive activity	
17 th + 18 th CENTURY Johann Schröder (1600–1664) Artzney-Schatz (German version 1685)	Artemisia vulgaris – Rother Beyfuß (red mugwort) – Weißer Beyfuß (white mugwort) (two different arts!) A lot of names			possible tonicizing and sedative							Emmenagogic Abortive	tonicizing baths	EPILEPSY (“the heavy need”) Amulet – “fools’ stone”	
Johann Heinrich Zedler (1706–1751) Universal LEXICON (1732–1754)	ARTEMISIA: – vulgaris – major – latifolia encyclopaedic listing			„Rising of the womb” “Virgins’ ailment” – chlorosis				Jaundice		Diuretic Urinary tract stones Dropsy	Emmenagogic Abortive Obstetrics	Wounds Palsy (external) Animal bites Baths “painful inflammation”	Gout (oral/p.o) Critic on superstition, multiple forms of preparation, SALTS, List of literature	
MODERN PHYTOTHERAPY Gerhard Madaus (1890–1942) Lehrbuch der biologischen Heilmittel (1938)	Artemisia vulgaris + national names (8x) + traditional names			sedative, Memory impairment, Dizziness, Neurasthenia						Glykosury (alleviates)	Emmenagogic Abortive CAVE: breast-feeding (bitter milk)	Asthenopy ICD-11:9D50 (Eye-washings)	Epilepsy – 45% of indica- tions (incl. root) antispasmodic (myorelaxant) Tonic Homeopathy Chemical details	
Hans Hermann Julius Hager (1816–1897) Handbuch der pharmaceutischen Praxis (first edition 1876) (newest edition 2015)	Artemisia vulgaris										emmenagogic CAVE: Miscarriage	(only in the first edition 1876)	Radix (LGlucose) + Herba Ingredients Anthelmintic Spice Botanical properties Livestock feeding	
		A S E V E R E L O S S O F T H E R A P E U T I C S I G N I F I C A N C E ! ! !												
POLISH SOURCES FROM 18 TH CENT. UNTIL NOW	Artemisia vulgaris Bylica pospolita WEED			Sedative, Nervous disturbance Hysteria	“Ulcers in the lungs” (TBC?)				Roundworms	Kidney stone		Rheuma swelling of the legs pain of the legs	Tonic Epilepsy Neuralgia Gout “Tremor of the limbs”	
KOMMISSION E 1978–1995 (negative –) Monography 1988	Artemisia vulgaris BEIFUSS HERBA Artemisia vulgaris BEIFUSS RADIX			– HYSTERIA ¹¹ – SEDATIVE ¹⁸ Root of mugwort in mixtures (with other herbs): – PSYCHONEUROSIS ²¹ – NEURASTHENIA ²² – DEPRESSION ²³ – HYPOCHONDRIA ²⁴ – VEGETATIVE NEUROSIS ²⁵ – GENERAL IRRITABILITY ²⁶ – RESTLESSNESS ²⁷ – INSOMNIA ²⁸ – ANXIETY ²⁹							Menstruation's disorders ¹⁵ Irregular menstrual period ¹⁶		Cramps ⁵ Verminosis ¹⁰ Epilepsy ¹² Children’s palsy ¹⁴ Promoting of circulation ¹⁷	
KOMMISSION E	VERDICT: “Since the effectiveness for the claimed applications is NOT verified, a therapeutic administration is NOT recommended”													
A.VULGARIS IN XXI CENTURY A significant growth of interest in research after the Nobel Prize for <i>A. annua</i> in 2015 (artemisinin-malaria) Most of the studies were from outside Europe, mostly from Asia (India, China, South Korea, Japan): – known spice – this species is cheap in cultivation (option of micro- propagation) “Panaceum” according to EBM	Artemisia vulgaris L. 107 Latin synonyms! + trivial names Reasons for multiple naming: see slide no. 5 of the presentation Pharmaceutical raw material: – Artemisiae vulgaris Herba (herb) – Artemisiae vulgaris Radix (root)			6) analgesic effect (mild peripheral nociceptive effect) 7) MAO inhibition (Mono- amine oxydase) (antide- pressive effect)	4) spasmolytic & anticholinergic effect, blockade of H1 receptors (histamine receptors) 5) broncholytic effect (respiratory spasticity) 8) antihyper- tensive effect					8) antihyperten- sive effect	9) Estrogenic effect (strong anti- implantation effect against endometrium) = contraceptive effect	– known allergens (cross-reactions with other pollen and foods) – allergic contact dermatitis ICD-11: EK00. Z – allergic conjunctivitis ICD-11: 9A60. 02 13) possible specific desensitization with ↓ sensitivity of skin and conjunctiva	Demonstrated effect (in vitro or in vivo): 1) antioxidant 2) hypolipemic 10) cytotoxic 11) antibacterial and antifungal 12) anti-inflammatory 14) antimalarial 15) antiparasitic 16) insecticide – cosmetic – as a foodstuff – as a possible precursor of biochar	
	Artemisia vulgaris HERBA RADIX			Headaches ^{xxvi} alleviates cough ^{xxviii}						haemor- rhoids ^{xviii} diarrhea ^{xxx/13} (Xie Xie) jaundice ^{xxviii}		Bleeding during pregnancy ^x Amenorrhoea ^{xxi}	Skin itching ^{xxxx}	Epilepsy ^{xxii/12} Cramps/Spasms ^{xxiii/5} Cramps/Spasms with children ^{xxiv/14}