Data Article

Data on medicinal plants in the records of Latvian folk medicine from the 19th century

Inga Sile a, c, *, Edita Romane a, Sanita Reinsone b, Baiba Maurina a, Dace Tirzite c, Maija Dambrova c, d

a Department of Dosage Form Technology, Riga Stradins University, 16 Dzirciema Str., Riga, LV-1007, Latvia
b Institute of Literature, Folklore and Art of the University of Latvia, 3 Mūkusalas Str., Riga, LV-1423, Latvia
c Latvian Institute of Organic Synthesis, 21 Aizkraukles Str., LV-1006, Riga, Latvia
d Department of Pharmaceutical Chemistry, Riga Stradins University, 16 Dzirciema Str., Riga, LV-1007, Latvia

A R T I C L E   I N F O

Article history:
Received 29 November 2019
Received in revised form 7 December 2019
Accepted 11 December 2019
Available online 20 December 2019

Keywords:
Medicinal plants
Folk medicine
Ethnobotany
Records of Latvian folk medicine

A B S T R A C T

The data presented in this article is in support of the research paper "Medicinal plants and their uses recorded in the Archives of Latvian Folklore from the 19th century" [1]. This article provides the list of plant species and disorders treated with medicinal plants mentioned in the records of Latvian folk medicine and used by indigenous people of Latvia in the 19th century. In total, the data include 211 genera belonging to 71 plant families. The accepted scientific names of plant species, plant parts used, dosage forms of herbal medicines, and routes of administration are reported in the table. Plant uses are grouped into one of the 17 categories based on the body systems and psychological and social problems. The frequency of citations is indicated for each use of medicinal plant.

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DOI of original article: https://doi.org/10.1016/j.jep.2019.112378.

* Corresponding author. Department of Dosage Form Technology, Riga Stradins University, 16 Dzirciema Str., Riga, LV-1007, Latvia.
E-mail address: inga.sile@rsu.lv (I. Sile).

https://doi.org/10.1016/j.jep.2019.112378
1. Data description

The data were analysed for a recent study [1], based upon information collected from the records of Latvian folk medicine available in the Archives of Latvian Folklore. This is the first comprehensive overview of the Latvian folk herbal traditions in the 19th century. The comprehensive data of plant species collected in the records of Latvian folk medicine are presented in Table 1. The table reports the Latvian names of plants mentioned in the records, currently accepted names in Latin, therapeutic uses of recorded plant species, as well as the plant parts used, dosage forms of herbal medicines, and routes of administration. Medicinal plants having herbal monograph published by the European Medicines Agency and those included in the book Herbal Drugs and Phytopharmaceuticals [2] are highlighted.

2. Experimental design, materials, and methods

Data on plants and their uses were collected from the records of Latvian folk medicine, the Archives of Latvian Folklore (ALF). In total, more than 40000 records were reviewed to select those containing information about historical evidence of medicinal plant usage in the territory of Latvia during the 19th century. Over 1900 records were found in the folklore materials. For each plant identified in the records, scientific family, genus, and species names are shown in the table. Plant names are updated to the currently accepted names in Latin following The Plant List website [6]. Family names are arranged using the Angiosperm Phylogeny Group 4 classification [7]. Local plant names in official Latvian language are provided according to the Encyclopedia Nature of Latvia [8].
The International Classification of Primary Care (ICPC; [9]) accepted by the World Health Organization was used for disease classification. Following the ICPC, plant uses were grouped into one of the 17 categories based on the systems of the human body, psychological or social problems, as follows: 1) General and unspecified; 2) Blood, blood-forming organs, lymphatics and spleen; 3) Digestive; 4) Eye; 5) Ear; 6) Circulatory; 7) Musculoskeletal; 8) Neurological; 9) Psychological; 10) Respiratory; 11) Skin; 12) Endocrine, metabolic and nutritional; 13) Urology; 14) Pregnancy, childbirth and family planning; 15) Female genital system and breast; 16) Male genital system; and 17) Unspecified medicinal disorders, the last of which was used when it was not possible to code the disease. The number of citations was indicated for each use of medicinal plant.

Plant parts, preparations of the medicine, and routes of administration were described for each plant mentioned in the records of folk medicine. When there was no mention of plant parts, preparations or administration, the category “unspecified” was used.

Medicinal plants from the records of Latvian folk medicine which are included in the European Union herbal monographs published by the European Medicines Agency [10] or in the monographs of Herbal Drugs and Phytopharmaceuticals [2] are indicated in the table.

Acknowledgments

This work was supported by the Riga Stradins University grant (I. Sile).

Conflict of Interest

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

Appendix A. Supplementary data

Supplementary data to this article can be found online at https://doi.org/10.1016/j.dib.2019.105024.

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