

First Lists of HVMP Plant Species Released



Picture: Simona Moosmann (FiBL Switzerland)

Current EU regulatory framework is not currently adapted to the marketing authorisation of herbal veterinary medicinal products. In line with Regulation (EU) No 2019/6, preamble 12, which identifies this regulatory need, a key objective of MedPlants4Vet is to support and facilitate the establishment of a simplified registration procedure for Herbal Veterinary Medicinal Products (HVMP).

To this end, a group of experts in quality, efficacy, safety and sustainability of HVMP (project WG4) evaluated a total of 105 plant species that were provided by the team of experts in former and current regulation of HVMP in Europe (project WG2) as active constituents in HVMP that have previously been or are currently registered in Europe. Experts evaluated these species based on relevant European and national regulations and guidelines, such as i) Regulation (EU) No 37/2010, ii) European Pharmacopoeia, iii) HMP (EMA) monographs, iv) WHO monographs, v) ESCOP monographs, vi) French list of human medicinal plants traditionally used, vii) Codex Alimentarius, viii) Food and Feed Information Portal Database, ix) EFSA Compendium of Botanicals - Botanical Summary Report, x) BelFrt List and Belgian Royal Decree of 31 August 2021 regulating food supplements containing plants, xi) Compl'Alim – i.e. French Food Supplements Database, and xiii) Annex I of Regulation (EC) No. 396/2005 on products of plant (or animal) origin included in the regular human diet. To have sustainability among the criteria for simplified registration as an HVMP, the evaluation also included the IUCN Red List status.

As a result of this work, we provide the first versions of two lists of plant species based on the current expert opinion of MedPlants4Vet WG4. Both lists will be regularly updated in the future.

Plant list A compiles plant species whose preparations are considered the first priority for a simplified registration procedure as HVMP in Europe. In several cases, this concerns specific parts and/or preparations only; further details will be announced later.

<i>Abies sibirica</i> Ledeb.
<i>Achillea millefolium</i> L.
<i>Acorus calamus</i> L.
<i>Aesculus hippocastanum</i> L.
<i>Aloe vera</i> (L.) Burm.f. (syn. <i>Aloe barbadensis</i> Mill.)
<i>Althaea officinalis</i> L.
<i>Anethum graveolens</i> L.
<i>Arctostaphylos uva-ursi</i> (L.) Spreng.
<i>Arnica montana</i> L.
<i>Artemisia absinthium</i> L.
<i>Boswellia serrata</i> Roxb. Ex Colebr.
<i>Calendula officinalis</i> L.
<i>Capsicum annuum</i> L.
<i>Carlina acaulis</i> L.
<i>Carum carvi</i> L.
<i>Centella asiatica</i> (L.) Urb.
<i>Cinnamomum cassia</i> (L.) J. Presl
<i>Coriandrum sativum</i> L.
<i>Cupressus sempervirens</i> L.
<i>Cynara scolymus</i> L.

Continuation of Plant list A:

<i>Echinacea angustifolia</i> DC.
<i>Echinacea pallida</i> Nutt.
<i>Echinacea purpurea</i> (L.) Moench.
<i>Elymus repens</i> (L.) Gould (syn. <i>Agropyron repens</i> (L.) P.Beauv.)
<i>Equisetum arvense</i> L.
<i>Eucalyptus globulus</i> Labill.
<i>Foeniculum vulgare</i> Mill. ssp. <i>vulgare</i> var. <i>vulgare</i>
<i>Frangula alnus</i> Mill.
<i>Frangula purshiana</i> (DC.) A.Gray ex J.G.Cooper (syn. <i>Rhamnus purshiana</i> DC.)
<i>Gaultheria procumbens</i> L.
<i>Gentiana lutea</i> L.
<i>Glycyrrhiza glabra</i> L.
<i>Hamamelis virginiana</i> L.
<i>Harpagophytum procumbens</i> (Burch.) DC. ex Meisn.
<i>Hippophae rhamnoides</i> L.
<i>Hordeum vulgare</i> L.
<i>Hypericum perforatum</i> L.
<i>Illicium verum</i> Hook.f.
<i>Juniperus communis</i> L.
<i>Larix decidua</i> Mill.
<i>Laurus nobilis</i> L.
<i>Lavandula angustifolia</i> Mill.
<i>Lespedeza capitata</i> Michx.
<i>Matricaria chamomilla</i> L. (syn. <i>Chamomilla recutita</i> (L.) Rauschert; <i>Matricaria recutita</i> L.)
<i>Medicago sativa</i> L.
<i>Melaleuca cajuputi</i> Maton & Sm. ex R.Powell
<i>Melilotus officinalis</i> (L.) Lam.
<i>Melissa officinalis</i> L.
<i>Mentha x piperita</i> L.
<i>Monarda didyma</i> L.
<i>Myristica fragrans</i> Houtt. (syn. <i>M. officinalis</i> L.f.)
<i>Myroxylon balsamum</i> (L.) Harms var. <i>pereirae</i> (Royle) Harms
<i>Ocimum basilicum</i> L.
<i>Origanum majorana</i> L.
<i>Orthosiphon aristatus</i> (Blume) Miq. var. <i>aristatus</i> (syn. <i>Orthosiphon stamineus</i> Benth.).

Continuation of Plant list A:

<i>Picea abies</i> L.
<i>Pinus sylvestris</i> L.
<i>Phyllanthus emblica</i> L.
<i>Pilosella officinarum</i> F.W.Schultz & Sch.Bip.(syn. <i>Hieracium pilosella</i> L.)
<i>Pimpinella anisum</i> L.
<i>Polygonum aviculare</i> L.
<i>Punica granatum</i> L.
<i>Quercus robur</i> L.
<i>Rheum palmatum</i> L.
<i>Rosa canina</i> L.
<i>Ruscus aculeatus</i> L.
<i>Salvia officinalis</i> L.
<i>Salvia rosmarinus</i> Spenn. (syn. <i>Rosmarinus officinalis</i> L.)
<i>Senna alexandrina</i> Mill. (syn. <i>Cassia senna</i> L.)
<i>Symphytum officinale</i> L.
<i>Syzygium aromaticum</i> (L.) MERR. & L. M. PERRY
<i>Thymus vulgaris</i> L.
<i>Tilia cordata</i> Mill.
<i>Trigonella foenum-graecum</i> L.
<i>Urtica dioica</i> L.
<i>Valeriana officinalis</i> L.

Plant list B compiles plant species whose simplified registration is not currently deemed a priority or advisable based on the available data; these plants are suggested to remain subjects of the presently existing registration procedures. However, should further data become available, the possibility exists for these plants to be re-evaluated and re-positioned within List A.

<i>Areca catechu</i> L.
<i>Asarum europaeum</i> L.
<i>Baptisia tinctoria</i> (L.) R.Br.
<i>Canarium luzonicum</i> (Blume) A.Gray
<i>Cedrus atlantica</i> (Endl.) Manetti ex Carrière
<i>Chelidonium majus</i> L.
<i>Croton geayi</i> Leandri
<i>Croton tiglium</i> L.
<i>Derris elliptica</i> (Wall.) Benth.
<i>Digitalis purpurea</i> L.
<i>Dryopteris filix-mas</i> (L.) Schott
<i>Dysphania ambrosioides</i> (L.) Mosyakin & Clemants (<i>syn. Chenopodium ambrosioides</i> L.)
<i>Mallotus philippensis</i> (Lam.) Müll.Arg.(<i>syn. Rottlera tinctoria</i> Roxb.)
<i>Oenanthe aquatica</i> (L.) Poir.
<i>Ouret lanata</i> (L.) Kuntze
<i>Phytolacca americana</i> var. <i>americana</i> (<i>Phytolacca decandra</i> L.)
<i>Pulsatilla pratensis</i> (L.) Mill.
<i>Sassafras albidum</i> (Nutt.) Nees
<i>Securidaca longepedunculata</i> Fresen.
<i>Thuja occidentalis</i> L.
<i>Veratrum album</i> L.
<i>Veratrum lobelianum</i> Bernh.