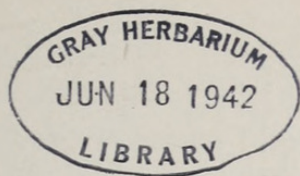


ARNOLDIA



A continuation of the
BULLETIN OF POPULAR INFORMATION
of the Arnold Arboretum, Harvard University

VOLUME 2

JUNE 19, 1942

NUMBER 7

THE MEDICINAL PLANT GARDEN
OF THE MASSACHUSETTS COLLEGE OF PHARMACY

THE Medicinal Plant Garden of the Massachusetts College of Pharmacy came into being in March, 1941, as the result of the cooperative support of the Arnold Arboretum. Dean Howard C. Newton and Dr. Heber W. Youngken of the Massachusetts College of Pharmacy, one of the state's oldest institutions, drew up the general plans for the garden and the Arnold Arboretum loaned about two acres of land on the grounds of the Bussey Institution of Harvard University for the development of the medicinal plant garden. The officials of both institutions welcomed the opportunity of cooperating in this way on a project of such economic value. This medicinal garden is financed and operated by the Massachusetts College of Pharmacy but is open to the inspection of any visitors at the Arnold Arboretum. Plants are carefully labeled and both institutions join in inviting the public to visit it. It is easily accessible, being on the point of land nearest to the Forest Hills Elevated Station. As one walks up South Street from the elevated station, turn in the first gate, walk nearly to the large stone building, then right, and it will be at the end of the grass roadway running between the two experimental plots.

The garden occupies an area of about two acres and has been laid out in rectangular, circular and crescentic beds under the direction of Dr. Youngken, Professor of Pharmacognosy and Botany at the Massachusetts College of Pharmacy, and his assistant, Dr. M. W. Quimby. Seventeen of these beds were completed by the early part of last summer and fully planted. Around the border of the garden have been introduced a variety of medicinal trees including sweet gum, witch-hazel, sassafras, prickly-ash, elder, upland sumach, viburnums, buckthorn, alder-buckthorn, sugar maple, junipers, bayberry, white-oak, etc.

Two experimental beds for the breeding of drug, insecticidal and oil plants are

located on the north side of this garden. Some ornamental plants have been added to enhance the beauty of the garden.

Planting began on April 19, 1941, and by early summer 382 different species and varieties of plants, mostly medicinal and aromatic, had been established.

The purposes of the garden are (1) to provide added facilities for the teaching of Botany and Pharmacognosy by enabling students to see and study the growing medicinal, oil-yielding and aromatic plants which yield many of our drugs and condiments, (2) to provide authentic plant materials needed for class work and investigation, (3) to ascertain which medicinal plants of exotic origin can be grown successfully in this part of New England, (4) to endeavor to ascertain what nutrient and other factors are essential to the yield of drugs of superior quality.

HEBER W. YOUNGKEN,
Dept. of Materia Medica,
Massachusetts College of Pharmacy,
Boston, Massachusetts

**Species grown in the medicinal plant garden
of the Massachusetts College of Pharmacy in 1941**

<i>Acer saccharum</i>	<i>Arnica montana</i>
<i>Achillea Ageratum</i>	<i>Artemisia Abrotanum</i>
“ <i>Millefolium</i>	“ <i>Absinthium</i>
“ <i>tomentosa</i>	“ <i>albula</i>
<i>Aconitum autumnale</i>	“ <i>annua</i>
“ <i>Fischeri</i>	“ <i>Dracunculus</i>
“ <i>Napellus</i>	“ <i>frigida</i>
<i>Actaea alba</i>	“ <i>pontica</i>
“ <i>rubra</i>	“ <i>vulgaris (lactiflora)</i>
<i>Adonis aestivalis</i>	<i>Asarum canadense</i>
<i>Aegopodium Podagraria variegatum</i>	<i>Asclepias tuberosa</i>
<i>Agastache Foeniculum</i>	<i>Asperula odorata</i>
<i>Ajuga ciliata</i>	<i>Atropa Belladonna</i>
“ <i>reptans</i>	<i>Borago officinalis</i>
<i>Alchemilla vulgaris</i>	<i>Brassica alba</i>
<i>Allium Cepa viviparum</i>	“ <i>nigra</i>
“ <i>Schoenoprasum</i>	<i>Campanula rotundifolia</i>
<i>Althaea rosea</i>	<i>Capsicum frutescens</i>
<i>Anacyclus Pyrethrum</i>	<i>Carthamus tinctorius</i>
<i>Anchusa officinalis</i>	<i>Carum Carvi</i>
<i>Anemone Pulsatilla</i>	<i>Cassia marilandica</i>
<i>Anethum graveolens</i>	<i>Caulophyllum thalictroides</i>
<i>Angelica sp.</i>	<i>Chaenomeles japonica hyb.</i>
“ <i>Archangelica</i>	<i>Chamaelirium luteum</i>
<i>Anthemis nobilis</i>	<i>Chelidonium majus</i>
<i>Anthriscus Cerefolium</i>	<i>Chenopodium ambrosioides anthelminticum</i>
<i>Aquilegia canadensis</i>	<i>Chenopodium bonus-henricus</i>
<i>Aralia nudicaulis</i>	“ <i>Botrys</i>
“ <i>spinosa</i>	<i>Chionanthus virginicus</i>
<i>Aretium minus</i>	<i>Chrysanthemum Balsamita</i>
<i>Arisaema triphyllum</i>	

Chrysanthemum Balsamita tanacetoides
Chrysanthemum cinerariaefolium
 " *coccineum*
 " *Parthenium*
Cichorium Intybus
Cimicifuga racemosa
 " *simplex*
Cnicus benedictus
Colchicum autumnale
Comptonia peregrina
Convallaria majalis
Coptis groenlandica
 " *occidentalis*
Coriandrum sativum
Crocus sativus
Cunila mariana
Cynoglossum officinale
Cytisus Scoparius
Daphne Mezereum
 " " *alba*
Datura Metel
 " *Stramonium*
 " *Tatula*
Delphinium ajacis
 " *hybrid* (*Belladonna*)
 " " (*Bellemosum*)
Dicentra canadensis
 " *Cucullaria*
 " *eximia*
 " *spectabilis*
Digitalis ambigua
 " *purpurea*
Dioscorea villosa
Dipsacus fullonum
Dryopteris Filix-mas
 " *marginalis*
Ephedra distachya
 " *equisetina*
 " *sinica*
 " *sp.*
Euonymus atropurpureus
Eupatorium purpureum
Filipendula hexapetala
 " *Ulmaria*
Foeniculum vulgare
Galium verum
Geranium maculatum
Hamamelis virginiana
Hemerocallis fulva

Heuchera sanguinea
Hydrastis canadensis
Hydrophyllum virginianum
Hyoscyamus niger
Hyssopus aristatus
 " *officinalis*
 " " *albus*
 " " *ruber*
Isatis tinctoria
Jeffersonia diphylla
Juniperus Sabina
 " *virginiana*
Lallemantia canescens
Lamium album
 " *maculatum album*
 " *purpureum*
Lavandula officinalis
 " *Spica*
Leonurus Cardiaca
Levisticum officinale
Linum perenne
 " *usitatissimum*
Lippia citriodora
Liquidambar Styraciflua
Lobelia cardinalis
 " *inflata*
 " *siphilitica*
Lupinus (*Russel hybrids*)
Mahonia Aquifolium
Majorana hortensis
Marrubium peregrinum
 " *vulgare*
Matricaria Chamomilla
Melissa officinalis
Mentha aquatica × *rotundifolia*
 " *arvensis*
 " " *piperascens* × *aquatica*
 " " " × *spicata*
 " *citrata*
 " *crispa*
 " *longifolia*
 " *niliaca*
 " *piperita*
 " *Pulegium*
 " *rotundifolia*
 " " (*sterile male*)
 " " *variegata*
 " *spicata*
Mirabilis Jalapa
Monarda didyma

Monarda fistulosa
 " punctata
 Myrica pensylvanica
 Myrrhis odorata
 Myrtus communis
 Nepeta Cataria
 " hederacea
 " Mussinii
 " nuda
 Nicotiana Tabacum vars.
 Ocimum Basilicum
 Origanum Dictamnus
 " Majorana
 " vulgare
 Ornithogalum sp.
 " umbellatam
 Osmorhiza Claytonii
 " longistylis
 Panax quinquefolium
 Passiflora incarnata
 Pedicularis canadensis
 Petasites japonicus
 " officinalis
 Petroselinum crispum
 Phytolacca americana
 Pimpinella Anisum
 Pinus Strobus
 Plantago indica (P.arenaria)
 " lanceolata
 " ovata
 " Psyllium
 Podophyllum peltatum
 Polygonum Bistorta
 Potentilla alpina
 " Anserina
 " tridentata
 Pulmonaria angustifolia
 Pycnanthemum sp.
 Ranunculus Ficaria
 Rhamnus cathartica
 " Frangula
 " Purshiana
 Rhus glabra
 " typhina
 Ricinus communis
 Rosa centifolia
 Rosmarinus officinalis
 Rumex Acetosa
 " scutatus
 Ruta graveolens

Salvia azurea
 " officinalis
 " " albiflora
 " pratensis
 " Sclarea
 Sambucus canadensis
 Sanguinaria canadensis
 Sanguisorba canadensis
 " minor
 Santolina Chamaecyparissus
 " viridis
 Sassafras albidum
 Satureia alpina
 " hortensis
 " montana
 " Nepeta (Calamintha)
 " vulgaris
 Scutellaria alpina
 " baicalensis
 Sesamum alatum
 Silybum Marianum
 Sium Sisarum
 Spigelia marilandica
 Symphytum asperum
 " officinale
 Tanacetum vulgare
 Teucrium Chamaedrys
 Thymus britannicus
 " Herba-barona
 " lanicaulis
 " Serpyllum
 " " coccineus
 " " variegatus
 " vulgaris
 Tradescantia virginiana
 Trillium erectum
 " grandiflorum
 " sessile
 Tussilago Farfara
 Urginea maritima (red var.)
 Valeriana officinalis
 Vancouveria hexandra
 Veratrum viride
 Veronica incana
 " virginica
 Viburnum Opulus
 " prunifolium
 " trilobum
 Viola cucullata
 " odorata



Youngken, Heber W. 1942. "The Medicinal Plant Garden of the Massachusetts College of Pharmacy." *Arnoldia* 2(7), 37–40.

View This Item Online: <https://www.biodiversitylibrary.org/item/217516>

Permalink: <https://www.biodiversitylibrary.org/partpdf/249219>

Holding Institution

Harvard University Botany Libraries

Sponsored by

BHL-SIL-FEDLINK

Copyright & Reuse

Copyright Status: In copyright. Digitized with the permission of the rights holder.

Rights Holder: Arnold Arboretum of Harvard University

License: <http://creativecommons.org/licenses/by-nc-sa/4.0/>

Rights: <https://biodiversitylibrary.org/permissions>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.