Annotated Checklist of the Vascular Plants of the Washington - Baltimore Area

Part I
Ferns, Fern Allies, Gymnosperms, and Dicotyledons

by

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2000

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PREFACE

The better part of a century has elapsed since A. S. Hitchcock and Paul C. Standley published their succinct manual in 1919 for the identification of the vascular flora in the Washington, DC, area. A comparable new manual has long been needed. As with their work, such a manual should be produced through a collaborative effort of the region's botanists and other experts. The Annotated Checklist is offered as a first step, in the hope that it will spark and facilitate that effort. In preparing this checklist, Shetler has been responsible for the taxonomy and nomenclature and Orli for the database.

We have chosen to distribute the first part in preliminary form, so that it can be used, criticized, and revised while it is current and the second part (Monocotyledons) is still in progress. Additions, corrections, and comments are welcome. We hope that our checklist will stimulate a new wave of fieldwork to check on the current status of the local flora relative to what is reported here. When Part II is finished, the two parts will be combined into a single publication. We also maintain a Web site for the Flora of the Washington-Baltimore Area, and the database can be searched there (http://www.nmnh.si.edu/botany/projects/dcflora).

We wish to express our sincere thanks to a number of persons for their help. We are indebted in the first place to Carol Annable, Christine Begle, Marcie Beyersdorfer, Laura Lehtonen, and Susan Wiser—all former assistants of Shetler—for their vital help in compiling the working materials, including the initial list. In particular, Begle was largely responsible for compiling from Hitchcock and Standley’s Flora (1919) and Hermann’s Checklist (1946) what became the working list. The Crataegus specimens in the D.C. Herbarium were annotated by J. B. Phipps during a recent visit, and he also provided the basis for our treatment of the genus. David Lellinger kindly reviewed and annotated our specimens of the Cystopteris fragilis complex. Dan Nicolson willingly gave of his time and expertise to solve nomenclatural problems during the course of the work. Edward Terrell shared the results of the botanical survey of the premises of the Beltsville Agricultural Research Center just completed by him and several colleagues (in press), and we were grateful to be able to add their findings.

The D.C. Herbarium is computerized, and all changes (annotations, etc.) have to be entered into the specimen database to keep it current. Elaine Haug cheerfully does this updating as needed and certainly handled hundreds if not thousands of transactions during the preparation of Part I. She also maintains the gazetteer database of local place names. Christian Tuccinardi, the manager of the specimen database, tirelessly gave of his time to produce various data reports as needed and to offer technical advice and assistance in the building of our Annotated Checklist database.
Finally, we thank W. John E. Kress, Chairman, and the Department of Botany for their continued encouragement and support of this project; and the Virginia E. Crouch Memorial Fund for Native Plant Conservation and Research, administered by Larry E. Morse at The Nature Conservancy, for partial support of the reproduction and distribution of Part I.

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26 June 2000
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INTRODUCTION
by Stanwyn G. Shetler

In 1881, Lester F. Ward published his *Guide to the Flora of Washington and Vicinity*. It was the first relatively comprehensive guide to the local flora. Basically an annotated checklist, it included common names and flowering times and occasionally also frequency of occurrence, localities, or other comments. In 1919, A. S. Hitchcock and Paul C. Standley, “with the assistance of the botanists of Washington,” published the *Flora of the District of Columbia and Vicinity*, a much awaited, revised guide to the local flora. The Hitchcock and Standley *Flora* was a manual with relatively nontechnical keys and information about habitat, frequency, flowering time, general distribution, and synonyms, in addition to common names and occasional other comments. It was aimed at the amateur as well as the professional. Though much outdated and long out of print, this is still a very useful identification manual.

Six supplements to Ward’s *Guide* were published before Hitchcock and Standley’s *Flora* appeared, and two supplements to the latter work were published, which were numbered in the same sequence. Following is an abbreviated listing of these supplements; complete citations can be found in the References for all but Knowlton, who is cited fully here:

1. Ward [1884], “List of plants added to the flora of Washington from April 1, 1882, to April 1, 1884.”
3. Holm 1892, “Third list of additions to the flora of Washington, D.C.”
4. ____ 1896, “Fourth list of additions to the flora of Washington, D.C.”
5. ____ 1901, “Fifth list of additions to the flora of Washington, D.C.”
6. Steele 1901, “Sixth list of additions to the flora of Washington, D.C., and vicinity.”
8. ____ 1940, “Eighth supplement to the flora of the District of Columbia and vicinity.”

In the 1930s, botanists of the Washington, D.C., area organized a project known as the “Conference on District Flora” to prepare a new manual to replace the already out-of-print Hitchcock and Standley *Flora*. The geographic area covered by Hitchcock and Standley, essentially the same as covered by Ward, was a circle of 15-miles’ radius centered on the Capitol. For the Conference project the original geographic circumscription was enlarged substantially, and the circumscription of the local flora herbarium at the Smithsonian Institution was enlarged accordingly (see **Geographic Coverage**). The goal of a new Flora was never realized, although about a dozen preliminary treatments of taxa were produced and circulated to interested persons in duplicated form. The checklist compiled under the auspices of the Conference as an aid to the preparation of a new manual went through two editions, however. Authored

The goal of producing a new Flora remains the same. Although we have ended the century without achieving this goal, the need for a modern equivalent of the succinct, nontechnical Hitchcock and Standley manual is greater than ever, because the public’s interest in the local flora is greater than ever. Even Hermann’s latest *Checklist* is now more than 50 years old, and just in that time alone great changes have taken place both in the local flora itself and in the taxonomy and nomenclature of the plants in the flora. As before, a checklist has seemed to be an essential first step. It will provide an initial working list that can then serve as a framework for organizing a collaborative effort to prepare a new manual for the new century.

This is not a revision of Hermann’s *Checklist* but a completely new synthesis, which, nonetheless, accounts for all his names. In preparing *Part I* of the *Annotated Checklist*, species by species I have examined all and annotated many of the pertinent specimens in the Smithsonian’s Washington-Baltimore Herbarium, traditionally known as the “D.C.” (District of Columbia) or “District” Herbarium. It is a separate part of the U.S. National Herbarium (US), Department of Botany, National Museum of Natural History. The nomenclature has been updated, and in numerous cases unidentified or misidentified specimens were identified or re-identified.

**Geographic Coverage**

Our *Annotated Checklist* is based in the first instance on the D.C. Herbarium, and for obvious practical reasons we adopted the same geographic circumscription. The limits of the D.C. Herbarium as expanded in the 1930s and 1940s for the Conference on District Flora are the limits of the “Washington-Baltimore Area” as defined by Hermann (1941, 1946) in his *Checklist*.

This Area is bounded on the north by the Maryland-Pennsylvania line, on the east by the Chesapeake Bay (western shore), on the south by the Rappahannock and Rapidan Rivers, and on the west by the east foot of the Blue Ridge Mountains. It includes the Bull Run and Catoctin mountains, but excludes Shenandoah National Park and the Eastern Shore. Encompassed are the District of Columbia and the following 23 counties and 5 cities in Maryland and Virginia:

**Maryland**

*Counties:* Anne Arundel, Baltimore, Calvert, Carroll, Charles, Frederick, Harford, Howard, Montgomery, Prince George’s, St. Mary’s. *Cities:* Baltimore
Virginia

Counties: Arlington, Culpeper, Fairfax, Fauquier, King George, Lancaster, Loudoun, Northumberland, Prince William, Richmond, Stafford, Westmoreland. Cities: Alexandria, Fairfax, Falls Church, Manassas

So defined, the Washington-Baltimore Area represents a radius of coverage from the Capitol in Washington, D.C., of about 50 miles, more than three times the 15-mile radius of the previous Floras.

In compiling the *Atlas of the Virginia Flora*, Harvill *et al.* (1992), included the independent cities within counties for the purpose of mapping specimen distributions. Thus, Alexandria specimens were mapped as though from Arlington Co., Fairfax and Falls Church specimens as though from Fairfax Co., and Manassas specimens as though from Prince William Co. It is important to keep this in mind when voucher herbarium specimens from these cities are checked against the *Atlas*.

Taxonomic Considerations

The *Annotated Checklist*, when completed, will include all native and naturalized species of vascular plants known to occur or to have occurred within the defined geographic area. Naturalized species are alien (exotic) species introduced into the area that are now reproducing and spreading in the wild without cultivation if only on a limited scale. A few long-persisting planted species are being included with appropriate explanation.

Taxonomic categories below the rank of species (notably, subspecies, variety, and form) are not recognized formally as separate entries in the *Checklist* but may be mentioned in the comments or cited as synonyms under the appropriate species where necessary to avoid confusion. In *Part I*, the families are arranged alphabetically within these major groups: Fern Allies, Ferns, Gymnosperms, Dicotyledons.

The ever unfolding new evidence from molecular studies and phylogenetic analyses poses quite a challenge to the contemporary floristic worker. On the one hand, one wants to follow the evidence insofar as possible and recognize only monophyletic taxa, regardless of the impact on time-honored concepts and nomenclature. On the other hand, taxonomy is practical and useful only to the extent that it remains relatively stable through time. Thus, change must come in a measured way and not get too far ahead of the users. Furthermore, the new evidence must stand the test of time.

The new evidence is having a profound effect on the concepts and limits not only of genera and species but also families, which, consequently, are in a state of flux, especially in the ferns. Whether or not to stick with familiar, traditional family circumscription is a dilemma faced repeatedly. I have not followed any authority entirely and have tended to opt for traditional usage where there is still no general agreement. In the ferns, I have been guided by Lellinger (1985) and the Flora of North America Editorial Committee (1993), but have not followed either entirely.
I have adopted a relatively broad concept of genera and species, tending to lump more than to split and in debatable cases to stay with widespread practice, trying to strike a balance between stability and change. On the whole, changes that are widely accepted have been adopted, whereas changes that do not yet enjoy wide acceptance are being deferred. The time for more comprehensive revision will be when a new manual is prepared by specialist collaborators. In cases where species have been combined and split seemingly at will, I have largely followed the evidence of the local material in making my decision whether to lump or to split. Inasmuch as it is the only relatively current, comprehensive guide to the flora of the Northeast, which has been very widely used since it first appeared in 1963, the Gleason and Cronquist Manual (1991) has been an especially important influence in deciding which species to recognize.

Revision Procedures

Species were accepted into Part I of our Checklist, as will also be the case in Part II, only on the basis of one or more voucher specimens in the D.C. Herbarium or a reliable published record, as, for example, in Brown and Brown (1972, 1984) or Harvill et al. (1992).

The starting point for the new checklist is a compiled list of all the species recognized in Hitchcock and Standley’s Flora (1919) and Hermann’s Checklist (1946). This preliminary list is then evaluated and documented by checking it species by species against the D.C. Herbarium and the other designated “Primary Sources” (see below) of floristic records for Maryland and Virginia. The list is further supplemented, winnowed, and refined by consulting the “Principal References” and selected other literature as appropriate. The annotations in the Checklist are based on all of these sources. Every effort is made to account for all the species that have been recognized and the names that have been used widely in the region since the publication of Hitchcock and Standley’s Flora.

The nomenclature of the Annotated Checklist, including the author citations, largely follows Kartesz (1994). In confused cases, judgments were made on the basis of all the evidence at hand.

Primary Sources

These are the key, though not the only important, publications on the flora of the Washington-Baltimore Area being used in compiling this checklist. Every species in them is evaluated for possible inclusion, and every species that they attribute to this Area should be accounted for in the checklist, as a recognized species, synonym of a recognized species, or an “excluded” species (see p. iv). Following is an abbreviated listing of the Primary Sources; full citations are given in the References:


**Principal References**

These are the regional manuals, Floras of adjacent states, and other key reference works that are consulted routinely in the preparation of species entries for the checklist. These manuals and Floras have been used widely in the Washington-Baltimore Area. Every effort is made to account, through the synonymy, for the names used in these works whenever the same species is treated under a different name in the Annotated Checklist, so that users can move easily between it and these standard references. Following is an abbreviated listing; full citations are given in the References:

Brummitt and Powell 1992, *Authors of Plant Names*.
Strausbaugh and Core [1978], *Flora of West Virginia*. Ed. 2.
Format of Species Entries

The following explanations apply specifically to the present publication, *Part I*. A species entry will contain some or all of the following elements of information in the standardized order and format indicated:

1. Accepted scientific name (Latin binomial) and author of name

   The scientific names of native species are in **boldface** and of introduced species, in *Engraver's Gothic BT*. Authors’ names are abbreviated according to Brummitt and Powell (1992), and a key to the abbreviations in *Part I* can be found on pages 135-150. An "x" is placed in front of the specific name (epithet) of a species thought to be of hybrid origin, and the known or putative parent species may be given parenthetically immediately following the scientific name and author (e.g., *Equisetum x ferrissii* Clute (*E. hyemale x laevigatum*)).

2. Common names

   Following the scientific names, one to several common (vernacular) names are given in preferred order. They were drawn mainly from the Principal Sources and the Principal References, especially Gleason and Cronquist (1991), Strausbaugh and Core [1978], and Brown and Brown (1972, 1984). These particular manuals have long been standards in this area. Fleming et al. (1995) also was consulted routinely. An attempt was made to put the most widely used name first, but there are no standards for common names; hence, they become a matter of author’s and, ultimately, user’s choice.

   When to hyphenate always presents a problem, and there seldom are stated rules. If two or more words make up the name, they may be (1) treated as separate words, (2) hyphenated as though one word, or (3) run together as one word (e.g., twin leaf, twin-leaf, twinleaf, for *Jeffersonia*). Different authors and editors follow different rules. If enough authors are consulted, one often will find the same name treated all three ways.

   Because of the logic that we have followed, we have tended to hyphenate more names than most authors. We have hyphenated words that, in our opinion, belong together as a one-word name or name modifier, but traditionally are not run together. Such words should be indexed as one word, and we have used this indexing criterion as a rule-of-thumb in deciding what to hyphenate. This is particularly true of words that together constitute the common name of a genus (e.g., autumn-olive, for *Elaeagnus*; sweet-clover, for *Melilotus*). If, in such cases, there is a tradition of running the words together, we have tended to do likewise (e.g., crabapple, horseradish, twinleaf).

   In many cases, we have hyphenated adjectives or nouns often treated separately, because we do not consider such words as, for instance, “leaf” (as in “twin leaf”) to be stand-alone, indexable names for kinds of plants. We have not used hyphens after “false” and “wild” (e.g., false foxglove,
not false-foxglove) in most cases, however, unless that has been traditional. These adjectives by nature tend to go with the noun that follows and to suggest an imitation of the true genus of the same common name. Thus, for example, while we do not hyphenate “false foxglove (Aureolaria),” we do hyphenate “yellow-foxglove (also Aureolaria).” The first naturally goes together and unambiguously says “imitation foxglove,” but in the latter case it would not be clear that a “yellow foxglove” is not a yellow species of the true foxglove genus (Digitalis).

3. Synonyms

Scientific names used in the Primary Sources and Principal References that are deemed to be synonyms of the accepted name are given in parenthesis following the common names. Synonyms from the D.C. Herbarium have also been included if they appeared frequently on specimen labels. This helps to account for names that were used locally for a time but do not necessarily appear in the earlier Floras and checklists.

4. Distribution

Distribution, which follows synonymy, is indicated only to the state level by the boldfaced abbreviations DC, MD, and VA, in this order. (D.C., for this purpose, is treated as a state.) A state is listed only if we have one or more specimens in the D.C. Herbarium from that state or a reliable observation or published record, which then is cited parenthetically. If there is only a single specimen in the D.C. Herbarium from the state, then the county where collected (for MD and VA) and sometimes the locality are also given, and the specimen itself is cited parenthetically. (Occasionally, more than one specimen per state is cited). This alerts the user to the cases where the documentation of occurrence is very limited and perhaps also very old.

5. Status in the flora

As mentioned above, the names of the native species are boldfaced, and the introduced, non-native species are indicated by a different font, Engraver’s Gothic BT. The generic name appears in this font only if the genus itself is also alien to the local flora. Examples: Phyllitis scolopendrium, Hieracium pilosella.

If a species is introduced, its status in the flora is characterized briefly following the distribution summary. Three, ultimately arbitrary types of introduced species are recognized: (a) “Naturalized” - a species that is freely reproducing in the wild and is often long and widely established in the flora; (b) “waif” - a species that has appeared here and there without apparent deliberate introduction, not necessarily reproducing and persisting for long, and continues to be an accidental element of the flora; (c) “escape” - a species escaping from cultivation perhaps in several to many places and often spreading, particularly locally, but not necessarily persisting and becoming fully naturalized. Introduced plants of the latter two types are also regarded as naturalized in the broad sense, as
defined for inclusion here. Other characterizations of status in the flora in the species entries should be self-explanatory.

6. Comments.

Comments about the species, if any, constitute the final element of the species entry. Many entries do not have comments.

7. Abbreviations

Oft-cited authors (see References for full citations):
Atlas = Harvill et al. 1992
B&B 1972 = Brown and Brown 1972
B&B 1984 = Brown and Brown 1984
FJH 1941 = Hermann 1941
FJH 1946 = Hermann 1946
H&S = Hitchcock and Standley 1919

Other
DC = District of Columbia
MD = Maryland
VA = Virginia
W-B Area = Washington-Baltimore Area

Excluded Species

These species have been reported for the W-B Area but are not included in the Checklist, because they do not appear to be found in the Area. The reasons for excluding them, which otherwise may not be clear in the Checklist, are given here.

1. *Cystopteris fragilis* (L.) Bernh. (*C. dickieana* Sim, *Filix fragilis* (L.) Underw.) Formerly treated broadly, including *C. protrusa* (Weath.) Blasdell and *C. tenuis* (Michx.) Desv., which are present in the W-B Area. However, typical *C. fragilis*, as now more narrowly defined, does not occur in the W-B Area, according to Haufler et al. (1993a).


3. *Erigeron vernus* (L.) Torr. & A. Gray. A southern coastal plain species reaching southeastern VA. One D.C. Herbarium specimen, collected by G. McCarthy in the 1880s, said to be from the DC area, but probably mislabelled (see H&S).
4. *Euphorbia mercurialina* Michx. (*Tithymalopsis mercurialina* (Michx.) Small) Reported with doubt by Hitchcock and Standley (1919, p. 196), but no documentary collections have turned up.

5. *E. peplus* L. Only one doubtful specimen in D.C. Herbarium (*E. A. Preble s.n.*, 1932), from Scott’s [Turkey] Island, Montgomery County. It is a very leafy, nonflowering specimen, which likely is *E. commutata* Engelm. (*Tithymalus peplus* (L.) Gaertn.). This specimen was the basis for inclusion of the species with doubt by Hermann (1941), who subsequently (1946) also cited McAtee (1930, p. 29). Hermann’s inclusion probably was the basis, in turn, for Brown and Brown (1984) to include it.


7. *Parthenocissus tricuspidata* Planch. Listed by Hermann (1946) as a “waif,” but there are no voucher specimens in the D.C. Herbarium. Furthermore, the species is not included in Brown and Brown (1972) or Harvill et al. (1992).

8. *Pinus glabra* Walter. Regarded by Hermann (1941, 1946) as a “waif,” presumably on the basis of several old specimens in the D. C. Herbarium. All but one of these specimens were originally identified as *P. inops* Sol. ex Aiton, a synonym of *P. virginiana* Mill., which they seem to fit. The one actually identified as *P. glabra*, a Sudworth specimen, consists only of fascicles of needles, impossible to determine to species with any certainty. Past or present, it seems likely that any apparently wild *P. glabra* in the W-B Area has, in fact, been persisting from cultivation, not spontaneously spreading.

**Statistics**

- No. of Native Species............1220
- No. of Introduced Species.........781
- Total No. of Species..............2001

**Web Site for Flora of Washington-Baltimore Area**

To search the Checklist database or for updates on the ongoing project and other information about the local flora, see: [http://www.nmnh.si.edu/botany/projects/dcflora](http://www.nmnh.si.edu/botany/projects/dcflora).

SGS/11 February, 26 May2000/CHKLST1.wpd
Annotated Checklist of the Vascular Plants of the Washington-Baltimore Area
Part I

FERN ALLIES

EQUISETACEAE The Horsetail Family

**Equisetum**

*arvense* L. - common horsetail, field horsetail. **DC, MD, VA.**

* ferrissii* Clute (*E. hyemale x laevigatum*) - Ferriss scouring-rush. (*E. hyemale var. intermedium* A.A. Eaton) **MD:** Prince George’s Co., 1 station along Potomac River (Redman 1992). Only MD station, according to Redman.

*fluviatile* L. - water horsetail, river horsetail. **DC** (Hauke 1993), **MD:** Harford Co. (Reed 1953). Not found in DC or MD portions of W-B Area, according to Redman (1992).


*sylvaticum* L. - wood horsetail, woodland horsetail. **MD:** Baltimore Co. (**G.R. Fessenden 5254, 1951**). See also Shreve et al. 1910, p. 389; Reed 1943, 1953.

ISOETACEAE The Quillwort Family

**Isoetes**

* engelmanii* A. Braun - Engelmann's quillwort. **MD, VA.**

* riparia* Engelm. ex A. Braun - riverbank quillwort, shore quillwort. (**Isoetes saccharata** Engelm.) **DC, MD, VA.**

LYCOPODIACEAE The Clubmoss Family

**Lycopodium**

* alopecuroides* L. - foxtail bog clubmoss. (**Lycopodiella alopecuroides** (L.) Cranfill) **VA:** Arlington Co., Rosslyn (**S.F. Blake 8937, 1924**).

*annotinum* L. - bristly clubmoss. **MD:** W-B Area (B&B 1984). According to Reed (1953), only locality now under water of Loch Raven Reservoir in Baltimore Co.

*appressum* (Chapm.) F.E. Lloyd & Underw. - appressed bog clubmoss, southern bog clubmoss. (**Lycopodium inundatum** var. *adpressum* Chapm., *L. inundatum* var. *bigelovii* Tuck., *Lycopodiella appressa* (Chapm.) Cranfill) **DC, MD, VA.**

*carolinianum* L. - slender bog clubmoss. (**Pseudolycopodiella caroliniana** (L.) Holub) **MD.**

*clavatum* L. - common clubmoss, running clubmoss. **DC, MD, VA.**
Lycopodium - cont.

**dendroideum** Michx. - prickly tree clubmoss, round-branch ground-pine. (*L. obscurum* var. *dendroideum* (Michx.) D. C. Eaton ex A. Gray) **MD, VA.**

**digitatum** Dill. ex A. Braun - southern running-pine, southern ground-cedar. (*Diphasiastrum digitatum* (Dill. ex A. Braun) Holub, *L. complanatum* L. var. *flabelliforme* Fernald, *L. flabelliforme* (Fernald) Blanch.) **DC, MD, VA.**


**lucidulum** Michx. - shining clubmoss, shining fir-moss. (*Huperzia lucidula* (Michx.) Trevis.) **DC, MD, VA.**

**obscurum** L. - princess-pine, flat-branch tree clubmoss, flat-branch ground-pine. (*L. obscurum* in strict sense ("var. genuinum Wherry“)) **DC, MD, VA.**

**tristachyum** Pursh - blue ground-cedar, wiry ground-cedar. (*Diphasiastrum tristachyum* (Pursh) Holub) **DC, MD, VA.**

SELAGINELLACEAE *The Spikemoss Family*

**Selaginella**

**apoda** (L.) Spring - meadow spikemoss. **DC, MD, VA.**

**rupestris** (L.) Spring - rock spikemoss. **MD, VA.**
FERNS

ADIANTEACEAE The Maidenhair Fern Family

Adiantum

pedatum L. - northern maidenhair fern. DC, MD, VA. W-B Area plants regarded by Lellinger (1985, p. 175) as ssp. pedatum.

Cheilanthes
  lanosa (Michx.) D. C. Eaton - hairy lip fern. (C. vestita (Spreng.) Sw.) MD, VA. Cheilanthes also placed in Pteridaceae (Windham 1993a) or Sinopteridaceae (Lellinger 1985).


Pellaea
  atropurpurea (L.) Link - purple cliffbrake. DC, MD, VA. Pellaea also placed in Pteridaceae (Windham 1993a) or Sinopteridaceae (Lellinger 1985).

  glabella Mett. ex Kuhn - smooth cliffbrake. (P. glabella ssp. glabella (Windham 1993b)) MD: Montgomery Co. (Gilbert & Wagner 2010, 1946); Frederick Co. (Redman 1985).

ASPLENIACEAE The Spleenwort Family

Asplenium
  bradleyi D.C. Eaton (A. montanum x platyneuron) - Bradley's spleenwort. MD, VA: Loudoun Co., Furnace Mt. (E.C. Leonard 2690, 1924). Identity of VA specimen, only a snippet from "near Point of Rocks, MD," is questionable.


  montanum Willd. - mountain spleenwort. MD, VA.

  pinnatifidum Nutt. (A. montanum x rhizophyllum) - lobed spleenwort. (Including A. x kentuckiense T.N. McCoy (A. pinnatifidum x platyneuron) and A. x trudelli Wherry (A. pinnatifidum x montanum), the former reported from Fauquier Co. (Atlas) and the latter from Harford Co. and W-B Area of MD (B&B 1984.) MD: Baltimore and Frederick cos. (Redman 1992), VA.

  platyneuron (L.) B.S.P. - ebony spleenwort. (Including A. x viriginicum Maxon (A. platyneuron x trichomanes), collected in Arlington Co. (W. Palmer 324, 1899), which may be basis for Fairfax Co. report (Reed 1953.).) DC, MD, VA.
Asplenium - cont.

rhizophyllum L. - walking fern.  (Camptosorus rhizophyllus (L.) Link)  **DC** (Fairchild & Waite s.n., 1890), **MD**, **VA**.


trichomanes L. - maidenhair spleenwort.  **DC**, **MD**, **VA**.

Phyllitis

scolopendrium (L.) Newman - hart's-tongue fern.  (Asplenium scolopendrium L.)  **MD**: Harford Co. (Reed 1953).  All native American plants regarded as var. americana Fernald (Lellinger 1985, p. 228; Wagner et al. 1993).  Both the typical European variety (Wherry 1937) and the American variety (Reed 1943) said to be introduced in Harford Co.

AZOLLACEAE *The Mosquito Fern Family*

Azolla


BLECHNACEAE *The Chain Fern Family*

Woodwardia

areolata (L.) T. Moore - netted chain fern.  (Lorinseria areolata (L.) Presl., Woodwardia angustifolia Sm.)  **DC**, **MD**, **VA**.

virginica (L.) Sm. - Virginia chain fern.  (Anchistea virginica (L.) Presl.)  **DC**, **MD**, **VA**: Fairfax Co. (Strong & Simmons 1777, 1998); see also Atlas.

DENNSTAEDTIACEAE *The Bracken Fern Family*

Dennstaedtia

punctiloba (Michx.) T. Moore - hay-scented fern.  **DC**, **MD**, **VA**.

Pteridium

aquilinum (L.) Kuhn - bracken, bracken fern.  (Pteridium latiusculum (Desv.) Fr., Pteris aquilina L.)  **DC**, **MD**, **VA**.  W-B Area plants ssp. aquilinum, either var. latiusculum (Desv.) Underw. ex A. Heller (largely) or var. pseudocaudatum (Clute) A. Heller (Lellinger 1985, p. 211; Jacobs & Peck 1993).

DRYOPTERIDACEAE *The Wood Fern Family*

Dryopteris

x boottii (Tuck.) Underw. (D. cristata x intermedia) - Boott's fern.  **MD**, **VA**.  Perhaps best included in *D. cristata* (Lellinger 1985).
**Dryopteris** - cont.

**carthusiana** (Vill.) H.P. Fuchs - spinulose wood fern, toothed wood fern. *(Aspidium spinulosum* O.F. Müll., *D. austriaca* (Jacq.) Woyn. ex Schinz & Thell., in part, *D. spinulosa* (O.F. Müll.) Watt, in part) **DC, MD, VA.**

**celsa** (W. Palmer) Knowlton, W. Palmer & Pollard (*D. goldiana x ludoviciana*) - log fern. **DC, MD, VA** (Atlas). Also reported for MD by Reed (1943, 1953) and Redman (1992), who says it is confused with *D. clintoniana*, which, according to him, does not occur in MD.

**clintoniana** (D.C. Eaton) Dowell (*D. cristata x goldiana*) - Clinton's wood fern, broad swamp fern. (*D. cristata* var. **clintoniana** (D.C. Eaton) Underw.) **MD**: Montgomery Co., Glen Echo (W. Palmer s.n., 1899), **VA**: Fairfax Co. Despite collections seeming to fit this species, recognized by H&S, Hermann (1946), and Reed (1953), recent authors do not include MD or VA in its range (Lellinger 1985, Atlas, Redman 1992, Montgomery & Wagner 1993).

**cristata** (L.) A. Gray (*D. ludoviciana* (Kunze) Small x unknown diploid (Wagner 1971)) - crested wood fern, narrow swamp fern. *(Aspidium cristatum* (L.) Sw.) **DC, MD, VA.** Including *D. x slossonias* Wherry ex Lellinger (*D. cristata x marginalis*), reported from DC (*L.F. Ward s.n., 1878) and Fairfax Co. (Atlas, p. 136).

**goldiana** (Hook. ex Goldie) A. Gray - Goldie's wood fern, giant wood fern. **DC, MD, VA.** Including *D. x neowherry* W.H. Wagner (*D. goldiana x marginalis*), reported from DC (*E.T. Wherry s.n., 1926) and Fauquier Co. (Atlas, p. 136).

**intermedia** (Muhl. ex Willd.) A. Gray - evergreen wood fern, fancy fern. *(Aspidium spinulosum* O.F. Müll. var. **intermedium** (Muhl. ex Willd.) D.C. Eaton, *D. spinulosa* (O.F. Müll.) Watt var. **intermedia** (Muhl. ex Willd.) Underw.) **DC, MD, VA.**

**marginalis** (L.) A. Gray - marginal shield fern, marginal wood fern. *(Aspidium marginalis* (L.) Sw.) **DC, MD, VA.**

**Polystichum**

**acrostichoides** (Michx.) Schott - Christmas fern. *(Aspidium acrostichoides* (Michx.) Sw.) **DC, MD, VA.**

**MARSILEACEAE** The Water-clover Family

**Marsilea**

**quadrifolia** L. - European water-clover. **DC**: Fish Ponds near [Washington] Monument, 1886, 1902, **MD**. Accidentally introduced to DC in 1880; Fish Ponds long since destroyed.

**OPHIOGLOSSACEAE** The Adder's-tongue Fern Family

**Botrychium**

**biternatum** (Savigny) Underw. - sparse-lobed grapefern, southern grapefern. *(B. dissectum var. tenuifolium* (Underw.) Farw.) **DC** (Reed 1953, p. 46, as*B. dissectum*), **MD**: Anne Arundel and Prince George's cos. (Reed, loc. cit.).
Botrychium - cont.

**dissectum**  Spreng. - cut-leaved grapefern, lace-frond grapefern, dissected grapefern.  (*B. obliquum* Muhl. in Willd.)  **DC, MD, VA.**

**matricariifolium**  A. Braun ex W.D.J. Koch - daisy-leaved moonwort, matricary grapefern.  (*B. neglectum* A.W. Wood)  **DC:** Battery Park (*F.C. Coe s.n., 1942), **MD, VA:** Fauquier Co. (Fessenden 1945).

**multifidum** (S.G. Gmel.) Rupr. - leathery grapefern.  **MD:** Baltimore Co. (Reed 1943).  Only MD station, according to Redman (1992).

**oneidense** (Gilib.) House - blunt-lobed grapefern.  **MD:** St. Mary's Co. (Redman 1992), **VA:** Fairfax and Fauquier cos. (Atlas).


**virginianum** (L.) Sw. - rattlesnake fern, common grapefern.  **DC, MD, VA.**

**Ophioglossum**

**vulgatum** L. - common adder's-tongue, southern adder's-tongue.  (*O. pycnostichum* (Fernald) A. Löve & D. Löve)  **DC, MD, VA.**

OSMUNDACEAE  *The Royal Fern Family*

**Osmunda**

**cinnamomea** L. - cinnamon fern.  **DC, MD, VA.**

**claytoniana** L. - interrupted fern.  **DC, MD, VA.**

**regalis** L. - royal fern.  **DC, MD, VA.**  All American plants regarded as var. *spectabilis* (Willd.) A. Gray (Lellinger 1985, p. 121; Whetstone & Atkinson 1993).

POLYPODIACEAE  *The Polypody Fern Family*

**Polypodium**


**virginianum** L. - rock polypody, common polypody.  (*Polypodium vulgare* L., *P. vulgare* var. *virginianum* (L.) D.C. Eaton)  **DC, MD, VA.**  No attempt made to separate out diploid form recently described as *P. appalachianum* Haufler & Windham, Appalachian polypody, which, according to Haufler et al. (1993b), occurs in DC and some parts of MD & VA.
PTERIDACEAE The Brake Fern Family

Pteris


SCHIZAEACEAE The Climbing Fern Family

Lygodium


THELYPTERIDACEAE The Marsh Fern Family

Thelypteris

hexagonoptera (Michx.) Weath. - broad beech fern, southern beech fern. (Dryopteris hexagonoptera (Michx.) C. Chr., D. hexagonoptera forma simonii C.F. Reed (holotype from Baltimore Co. (C.F. Reed 3618, US #1872563; Reed 1945)), Phegopteris hexagonoptera (Michx.) Fée) DC, MD, VA.

noveboracensis (L.) Nieuwl. - New York fern. (Aspidium noveboracense (L.) Sw., Dryopteris noveboracensis (L.) A. Gray, Thelypteris thelypterioideae (Michx.) Holub., misapplied) DC, MD, VA.

palustris Schott - marsh fern. (Aspidium thelypteris (L.) Sw., Dryopteris thelypteris (L.) A. Gray) DC, MD, VA. All American plants regarded as var. pubescens (Laws.) Fernald (Lellinger 1985, p. 222; A.R. Smith 1993a).

phegopteris (L.) Slosson - long beech fern, narrow beech fern, northern beech fern. (Dryopteris phegopteris (L.) C. Chr., Phegopteris connectilis (Michx.) Watt) MD: Baltimore Co. (Reed 1943). Last seen here (Loch Raven) about 1895 (Reed 1953).


WOODSIACEAE The Cliff Fern Family

Athyrium

filix-femina (L.) Roth. ex Mert. - lady fern. (A. angustum (Willd.) C. Presl., A. asplenioides (Michx.) Desv.) DC, MD, VA. Athyrium also placed in Dryopteridaceae (A.R. Smith 1993b). A. angustum (northern lady fern) and A. asplenioides (southern lady fern) usually recognized as varieties (Kato 1993) or subspecies (Lellinger 1985) of A. filix-femina. Both forms present in W-B Area, but second one is more common.
Athyrium - cont.

**pycnocarpon** (Spreng.) Tidestr. - narrow-leaved glade fern, narrow-leaved spleenwort. (*Asplenium angustifolium* Michx., *A. pycnocarpon* Spreng., *Athyrium angustifolium* (Michx.) Milde, *Diplazium pycnocarpon* (Spreng.) M. Broun) **DC, MD, VA.**

**thelypteriodes** (Michx.) Desv. - silvery glade fern, silvery spleenwort. (*Asplenium acrostichoides* Sw., *A. thelypteriodes* Michx., *Athyrium acrostichoides* (Sw.) Diels, *Deparia acrostichoides* (Sw.) M. Kato) **DC, MD, VA.**

Cystopteris

**bulbifera** (L.) Bernh. - bulblet bladder fern, bulblet fern, bladder fern. (*Felix bulbifera* (L.) Underw.) **MD:** Frederick Co., Catoctin Furnace (*W.H. Wagner 2003, 1944; det. by C. Haufler, 1991, as probably *C. bulbifera* x *tenuis*), **VA:** Fairfax Co.. *Cystopteris* also placed in Dryopteridaceae (A.R. Smith 1993b).

**protrusa** (Weath.) Blasdell - lowland brittle fern, southern bladder fern. (*C. fragilis* var. *protrusa* Weath.) **DC, MD, VA.** Has been included in *C. fragilis*.

**tennesseensis** Shaver - Tennessee bladder fern, hybrid bladder fern. (*C. fragilis* var. *tennesseensis* (Shaver) McGregor) **MD:** Frederick and Harford cos.. State Rare species in MD. Frederick Co. locality destroyed recently, according to Donn Redman (personal communication, May 2, 1999).

**tenuis** (Michx.) Desv. - Mackay's brittle fern, upland brittle fern. (*C. fragilis* var. *mackayi* G. Lawson) **MD, VA.** Has been included in *C. fragilis*.

Gymnocarpium


Matteuccia


Onoclea

**sensibilis** L. - sensitive fern. **DC, MD, VA.** *Onoclea* also placed in Onocleaceae (Gleason & Cronquist 1991) or Dryopteridaceae (A.R. Smith 1993b).

Woodsia

GYMNOSPERMS

CUPRESSACEAE *The Cypress Family*

**Chamaecyparis**
- *thyoides* (L.) B.S.P. - Atlantic white-cedar. MD.

**Juniperus**

**Taxodium**

PINACEAE *The Pine Family*

**Picea**

**Pinus**
- *echinata* Mill. - shortleaf pine, yellow pine. (*P. mitis* Michx.) DC, MD, VA.
- *pungens* Lamb. - table-mountain pine. DC, MD, VA.
- *rigida* Mill. - pitch pine. DC, MD, VA.
- *strobus* L. - eastern white pine. DC (*P. Fleming 337, 1987*), MD, VA. Not believed to be native in DC (H&S, Fleming & Kanal 1995, Kral 1993), but long planted and escaped here and in region; Rock Creek Park US specimens probably from planted trees or escapes.

**Tsuga**
- *canadensis* (L.) Carrière - eastern hemlock. DC (*P. Fleming 1445, 1993*), MD: Calvert Co., Hellen Creek (B&B 1972), VA. Not known to be native in DC, but long planted and escaped here and in region. State Tree of Pennsylvania.
TAXACEAE The Yew Family

**Taxus**

*baccata* L. - English yew. **DC:** Rock Creek Park (*P. Fleming 294, 1986*). Escape. Widely planted in region, along with *T. cuspidata* Siebold & Zucc., which may also be escaping.

DICOTYLEDONS

ACANTHACEAE The Acanthus Family

Justicia americana (L.) Vahl - water-willow, American water-willow, dense-flowered water-willow. (Dianthera americana L.) DC, MD, VA.

Ruellia caroliniensis (J.F. Gmel.) Steud. - hairy ruellia, slender ruellia. (R. ciliosa Pursh) DC, MD, VA.

purshiana Fernald - Pursh's ruellia, Appalachian ruellia. W-B Area (FJH 1946).

strepens L. - smooth ruellia. DC, MD, VA.

ACERACEAE The Maple Family

Acer negundo L. - boxelder, ash-leaved maple. (Rulac negundo (L.) Hitchc.) DC, MD, VA.


rubrum L. - red maple. DC, MD, VA.

saccharinum L. - silver maple. DC, MD, VA.

saccharum Marshall s.l. - sugar maple. (A. barbatum Michx., A. leucoderme Small., A. nigrum F. Michx., A. saccharophorum K. Koch) MD, VA. DC specimens all appear to be cultivated. The local sugar maples, which need critical study, have been lumped for now. Specimens from the same sites have been identified variously as A. barbatum, A. nigrum leucoderme, A. nigrum, and A. saccharum. State Tree of West Virginia.

AIZOACEAE The Fig-marigold Family


AMARANTHACEAE The Amaranth Family

Amaranthus


cannabinus (L.) J.D. Sauer - water-hemp. *Acnida cannabina* L.) DC, MD, VA.


deflexus L. - MD: Baltimore (C.F. Reed 32823, 1953). Waif, from tropical America.

hybridus L. - common pigweed, smooth pigweed. *A. retroflexus* L., misapplied (Ward 1881)) DC, MD, VA.


Celosia


Froelichia

floridana (Nutt.) Moq. - common cottonweed. MD: Anne Arundel Co.


Iresine


ANACARDIACEAE The Sumac Family

Rhus


copallinum L. - shining sumac. DC, MD, VA.

glabra L. - smooth sumac. DC, MD, VA.
Rhus - cont.

*typhina* L. - staghorn sumac. (*R. hirta* (L.) Sudw.) DC, MD, VA.

Toxicodendron


*vernix* (L.) Kuntze - poison-sumac. (*Rhus vernix* L.) DC, MD, VA.

ANNONACEAE The Custard-apple Family

*Asimina*

*triloba* Dunal - pawpaw. DC, MD, VA.

APIACEAE The Parsley Family

*Aegopodium*


*Anethum*


*Angelica*


*Anthriscus*


*Biflora*

*testiculata* DC. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

*Bupleurum*


*odontites* L. - thoroughwax. MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Carum
   carvi L. - caraway. DC (E.S. Steele s.n., 1899), MD (inferred from B&B 1984). Escape.

Chaerophyllum

   procumbens (L.) Crantz - spreading chervil. DC, MD, VA.


Cicuta

   maculata L. - common water-hemlock, spotted cowbane. DC, MD, VA.

Conium
   maculatum L. - poison-hemlock. DC, MD, VA. Naturalized.

Cryptotaenia
   canadensis (L.) DC. - honewort, wild chervil. (Derigga canadensis (L.) Kuntze) DC, MD, VA.

Cyclospermum

Daucus
   carota L. - Queen Anne's-lace, wild carrot. DC, MD, VA.

Erigenia
   bulbosa (Michx.) Nutt. - harbinger-of-spring. DC, MD, VA.

Eryngium
   aquaticum L. - marsh eryngo, button-snakeroot. (E. virginianum Lam.) DC, MD, VA.

   campestre L. - eryngo. MD: Baltimore City (3 pre-1900 collections; see also Reed 1964). Waif.

   planum L. - eryngo. DC (E.S. Steele s.n., 1899). Waif.

   yuccifolium Michx. - rattlesnake-master, button-snakeroot. (E. aquaticum L., misapplied) MD: Montgomery Co..

Foeniculum
   vulgare Mill. - fennel. MD, VA. Waif.
Heracleum


Hydrocotyle

americana L. - American water pennywort, marsh pennywort. DC, MD, VA.

ranunculoides L. f. - floating water pennywort, buttercup pennywort. DC, MD, VA.

sibthorpioides Lam. - lawn pennywort. (*H. rotundifolia* Lam.) DC, MD, VA. Naturalized.

umbellata L. - water pennywort, umbellate water pennywort. MD (inferred from B&B 1984), VA: Lancaster Co. (*H.A. Allard 21847, 1954*).


Ligusticum


Lilaeopsis

chinensis (L.) Kuntze - (*L. lineata* (Michx.) Greene) MD, VA.

Oenanthe


Osmorhiza

claytonii (Michx.) C.B. Clarke - hairy sweet-cicely, bland sweet-cicely, sweet-jarvil. DC, MD, VA.

longistylis (Torr.) DC. - anise-root, smooth sweet-cicely, long-styled sweet-cicely. DC, MD, VA.

Oxypolis

rigidior (L.) Raf. - cowbane, common water-dropwort. (*Archemora rigida* (L.) DC., *Tiedmannia rigida* (L.) J.M. Coult. & Rose) DC, MD, VA.

Pastinaca

sativa L. - wild parsnip, parsnip. DC, MD, VA. Naturalized.

Pimpinella


Ptilimnium

capillaceum (Michx.) Raf. - mock-bishopweed. DC, MD, VA.
Ptilimnium - cont.


Sanicula

**canadensis** L. - black snakeroot, Canada sanicle. **DC, MD, VA.**

**gregaria** E.P. Bicknell - clustered snakeroot, cluster sanicle. (*S. odorata* (Raf.) K.M. Pryer & L.R. Phillippe (correct name according to Kartesz 1994, p. 47)) **DC, MD, VA.**

**marilandica** L. - sanicle, Maryland sanicle, black snakeroot. **DC, VA (Atlas).**

**trifoliata** E.P. Bicknell - large-fruited snakeroot, trifoliate snakeroot, beaked snakeroot. **MD:** Harford Co. (*E. Baltars 365, 1951; E. Baltars 4133, 1967*); Baltimore (B&B 1984), **VA (Atlas).**

Scandix

**pecten-veneris** L. - Venus's-comb. **DC** (*T.H. Kearney s.n., 1898; E.S. Steele s.n., 1898*), **MD:** Prince George's Co. (McAtee 1930, p. 45). Waif.

Seseli

**libanotis** (L.) W.D.J. Koch - **MD:** Prince George's Co. (*J.B.S. Norton s.n., 1905*). Waif.

Sium


Spermolepis


Taenidia

**integerrima** (L.) Drude - yellow pimpernel. **DC, MD, VA.**

**montana** (Mack.) Cronquist - shale-barren pimpernel, Virginia pimpernel. (*Pseudotaenidia montana* Mack.) **MD:** Frederick Co. (B&B 1984).

Thaspium

**barbinode** (Michx.) Nutt. - hairy-jointed meadow-parsnip, bearded meadow-parsnip. **DC, MD, VA.**

**trifoliatum** (L.) A. Gray - woodland meadow-parsnip, smooth meadow-parsnip. **MD, VA.**

Torilis

**arvensis** (Huds.) Link - field hedge-parsley. (*Caucalis anthriscus* (L.) Huds., misapplied, *T. anthriscus* (L.) C.C. Gmel., misapplied, *T. japonica* (Houtt.) DC., misapplied) **DC** (4 specimens, 1894-1902), **MD:** Baltimore City (*B. Sollers s.n., 1890; Reed 1964*), **VA:** Fauquier Co. (Atlas). Waif.
Torilis - cont.


**Zizia**

*aptera* (A. Gray) Fernald - heart-leaved golden-Alexanders. (*Thaspium trifoliatum* (L.) A. Gray, misapplied, *Z. cordata* W.D.J. Koch ex DC.) DC, MD, VA.

*aurea* (L.) W.D.J. Koch - common golden-Alexanders. (*Thaspium aureum* (L.) Nutt.) DC, MD, VA.

**APOCYNACEAE The Dogbane Family**

*Apocynum*

*androsaemifolium* L. - spreading dogbane. DC (McAtee 1930, p. 39), MD (inferred from B&B 1984), VA. All DC records (McAtee l.c.) are doubtful; the only surviving specimens (Corcoran Woods, cited in Holm 1892, p. 118) are *A. x floribundum*. See also H&S.

*cannabinum* L. - Indian-hemp, hemp dogbane. (*A. album* Greene (type from local region), *A. hypericifolium* Aiton, *A. nemorale* G.S. Mill. (type from local region), *A. pubescens* R. Br., *A. sibiricum* Jacq.) DC, MD, VA.

*floribundum* Greene - intermediate dogbane. (*A. medium* Greene (type from local region), *A. milleri* Britton (type from local region), *A. pseudomedium* Bég. & Beloserky, *A. speciosum* G.S. Mill. (type from local region), *A. urceolifer* G.S. Mill. (type from local region)) DC, MD, VA. *A. androsaemifolium x A. cannabinum*.

**Trachelospermum**


**Vinca**


*minor* L. - periwinkle, common periwinkle, myrtle. DC, MD, VA. Widely persisting and spreading from cultivation.

**AQUIFOLIACEAE The Holly Family**

**Ilex**


*decidua* Walter - possum-haw. DC, MD, VA.

*glabra* (L.) A. Gray - inkberry. MD.

*laevigata* (Pursh) A. Gray - smooth winterberry. DC, MD, VA: Loudoun Co. (S.G. Shetler, sight record).
**Ilex** - cont.

- **opaca** Aiton - American holly. **DC, MD, VA**. State Tree of Delaware.
- **verticillata** (L.) A. Gray - black-alder, winterberry. **DC, MD, VA**.

**ARALIACEAE The Ginseng Family**

**Aralia**
- **nudicaulis** L. - wild sarsaparilla. **DC, MD, VA**.
- **racemosa** L. - spikenard, American spikenard. **DC, MD, VA**.
- **spinosa** L. - Hercules'-club, devil's-walking-stick, angelica-tree. **DC, MD, VA**.

**Hedera**
- **helix** L. - English ivy. **DC, MD, VA**. Persisting and spreading, escaping.

**Panax**
- **quinquefolius** L. - ginseng, American ginseng. **MD** (inferred from B&B 1984), **VA**: Fairfax Co. (D.J. Crosby s.n., 1902; see also Atlas). Only one US specimen. Once widespread, now largely extirpated. See also B&B 1984.
- **trifolius** L. - dwarf ginseng. **DC, MD, VA**.

**ARISTOLOCHIACEAE The Birthwort Family**

**Aristolochia**
- **clematitis** L. - birthwort. **MD**: Baltimore City. Rare escape. Baltimore colony extirpated by 1906 (Reed 1964).
- **serpentaria** L. - Virginia-snakeroot. **DC, MD, VA**.

**Asarum**
- **canadense** L. - wild ginger. (A. reflexum E.P. Bicknell) **DC, MD, VA**.

**Hexastylis**
- **virginica** (L.) Small - heartleaf, coltsfoot. (Asarum virginicum L.) **MD**: Charles Co. (B&B 1984), **VA**: King George Co. (F.H. Sargent 9, 1950).

**ASCLEPIADACEAE The Milkweed Family**

**Asclepias**
- **amplexicaulis** Sm. - clasping milkweed, blunt-leaved milkweed. **DC, MD, VA**.
Asclepias - cont.

*exaltata* L. - poke milkweed, tall milkweed. (*Asclepias phytolaccoides* Pursh) MD, VA.


*purpurascens* L. - purple milkweed. DC, MD, VA.

*quadrifolia* Jacq. - four-leaved milkweed. MD, VA.

*rubra* L. - red milkweed. DC, MD, VA.

*syriaca* L. - common milkweed. DC, MD, VA.

*tuberosa* L. - butterfly-weed, pleurisy-root. DC, MD, VA.

*variegata* L. - white milkweed. DC, MD, VA.

*verticillata* L. - whorled milkweed. DC, MD, VA.

*viridiflora* Raf. - green milkweed, green-flowered milkweed. (*Acerates viridiflora* (Raf.) Pursh ex Eaton) DC, MD, VA.

Cynanchum

*laeve* (Michx.) Pers. - honeyvine, sandvine. (*Ampelamus albidum* (Nutt.) Britton, *Gonolobus laevis* Michx.) DC, MD, VA.


Matelea


ASTERACEAE The Aster Family

Acanthospermum


Achillea

millefolium L. - common yarrow, milfoil. DC, MD, VA.

Ageratina

altissima (L.) R.M. King & H. Rob. - white snakeroot. (A. altissimum L., Eupatorium ageratoides L. f., E. rugosum Houtt., E. urticifolium Reichard) DC, MD, VA.

aromatica (L.) Spach - small-leaved white snakeroot, small white snakeroot, smaller white snakeroot, aromatic thoroughwort. (Eupatorium aromaticum L.) DC, MD, VA.

Ageratum

conzoides L. - ageratum MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

Ambrosia

artemisiifolia L. - common ragweed. (A. elatior L.) DC, MD, VA.

bidentata Michx. - lance-leaved ragweed. MD: Prince George's Co. (M. Pladeck s.n., 1933). Waif, from west.

trifida L. - giant ragweed. DC, MD, VA.

Anaphalis

margaritacea (L.) Benth. & Hook. f. - pearly everlasting. MD: Baltimore City, Canton (Reed 1964); Prince George's Co. (D.L. Topping s.n., 1896).

Antennaria

neglecta Greene - field pussytoes. (A. alsinoides Greene, A. howellii ssp. neodioica (Greene) R. J. Bayer, A. neodioica Greene) DC, MD, VA.

plantaginifolia (L.) Richardson - plantain-leaved everlasting, plantain-leaved pussytoes, plantain pussytoes. (A. arnoglossa Greene, A. decipiens Greene, A. fallax Greene, A. parlinii Fernald) DC, MD, VA.

solitaria Rydb. - single-headed pussytoes, solitary pussytoes. DC, MD, VA.

virginica Stebbins - shale-barren pussytoes. MD: Frederick Co. (B&B 1984), VA.

Anthemis

arvensis L. - corn chamomile, field chamomile. DC, MD, VA. Naturalized.

cotula L. - mayweed, stinking chamomile, dog-fennel. DC, MD, VA. Naturalized.

Arctium

minus Bernh. - common burdock. **DC, MD, VA.** Naturalized.

tomentosum Mill. - cotton burdock. **DC (E.S. Steele s.n., 1896), MD.** Waif. Needs study locally in relation to *A. minus*.

Arnica

aculis (Walter) B.S.P. - leopard's-bane. **DC, MD, VA.**

Arnoglossum


Artemisia

abrotanum L. - southernwood. **MD:** Frederick Co. (B&B 1984). Escape.

absinthium L. - absinthe, common wormwood. **MD:** Baltimore City *(E. Baltars 717, 1956).* Escape.

annua L. - annual wormwood. **DC, MD, VA.** Naturalized.

campestris L. - wormwood. *(A. caudata* Michx.)* **VA:** Alexandria (Holm 1892, p. 117). Waif.

ludoviciana Nutt. - western mugwort, white sage. **MD:** Baltimore City *(E. Baltars 718, 1956: see also Reed 1964); Prince George's Co. (B&B 1984), VA: Richmond Co. (Atlas).** Waif, from west.

scoparia Waldst. & Kit. - wormwood. **MD:** Baltimore City, Canton (Reed 1964). Waif.


vulgaris L. - common mugwort. **DC, MD, VA.** Naturalized.

Aster

acuminatus Michx. - mountain aster, whorled aster. *(Oclemena acuminata* (Michx.) Greene)* **MD, VA:** Alexandria (FJH 1946).

concolor L. - eastern silvery aster. *(Lasallea concolor* (L.) Semple & Brouillet, *Symphyotrichum concolor* (L.) G.L. Nesom, *Virgulus concolor* (L.) Reveal & Keener)* **DC, MD, VA:** Arlington Co. *(E.S. Steele s.n., 1915).*

cordifolius Michx. - common blue wood aster, common blue heart-leaved aster. *(A. sagittifolius* Wedem. ex Willd., *Symphyotrichum cordifolium* (L.) G.L. Nesom, *S. sagittifolium* (Wedem. ex Willd.) G.L. Nesom) **DC, MD, VA.**

depauperatus Fernald - eastern serpentine aster. *(A. pilosus var. pusillus* (A. Gray) A.G. Jones, *Symphyotrichum depauperatum* (Fernald) G.L. Nesom) **MD:** Harford Co. *(C.F. Reed 127000, 1988).*
Aster - cont.

**divaricatus** L. - white wood aster, common white heart-leaved aster. (A. corymbosus Aiton, *A. curvescens* E.S. Burgess, *A. persaliens* E.S. Burgess, *Eurybia divaricata* (L.) G.L. Nesom) DC, MD, VA.

**dumosus** L. - bushy aster, long-stalked aster. (*Symphyotrichum dumosum* (L.) G.L. Nesom) DC, MD, VA.


**gracilis** Nutt. - slender aster. (*Eurybia compacta* G.L. Nesom) MD: St. Mary's Co., VA (Atlas). Several specimens from St. Mary's Co.

**infirous** Michx. - cornel-leaved aster, Appalachian flat-topped white aster. (*Doellingeria infirma* (Michx.) Greene) DC, MD, VA.

**laevis** L. - smooth aster. (*A. concinnus* Willd., *Symphyotrichum laeve* (L.) A. Love & D. Love) DC, MD, VA.


**linariifolius** L. - stiff aster, stiff-leaved aster. (*Ionactis linariifolia* (L.) Greene) DC, MD, VA.


Aster - cont.

oolentangiensis Riddell - prairie heart-leaved aster. (A. azureus Lindl.) DC: Terra Cotta (Holm 1892, p. 115). Doubtfully present in W-B Area. Holm's report (1892, p. 115), as A. azureus, was based on a report by E.S. Burgess, who might have misidentified the plant.


pilosus Willd. - white heath aster, awl aster. (A. ericoides L., misapplied, Symphyotrichum pilosum (Willd.) G.L. Nesom) DC, MD, VA. Highly variable.

prenanthoides Muhl. ex Willd. - crooked-stem aster, zigzag aster. (Symphyotrichum prenanthoides (Muhl. ex Willd.) G.L. Nesom) DC, MD, VA.

puniceus L. - purple-stemmed aster, bristly aster. (A. salicifolius L., Symphyotrichum puniceum (L.) A. Löve & D. Löve) DC, MD, VA.

racemosus Elliott - small white aster, small-headed aster. (A. fragilis Willd., misapplied, A. vimeus Lam., misapplied, Symphyotrichum racemosum (Elliott) G.L. Nesom) DC, MD, VA. Included in A. pilosus Willd. by some (Kartesz 1994, p. 74).

radula Aiton - low rough aster. (Eurybia radula (Aiton) G.L. Nesom) MD.

schreberi Nees - Schreber's aster. (A. curvescens E.S. Burgess, A. glomeratus Bernh., A. macrophyllus L., misapplied, A. oviformis E.S. Burgess, A. umbelliformis E.S. Burgess, Eurybia glomeratus (Bernh.) Nees, E. schreberi (Nees) Nees) DC, MD, VA.

shortii Lindl. - Short's aster, midwestern blue heart-leaved aster. (Symphyotrichum shortii (Lindl.) G.L. Nesom) MD, VA.

subulatus Michx. - annual salt-marsh aster. (Symphyotrichum subulatum (Michx.) G.L. Nesom) MD, VA.

tataricus L. f. - tatarian aster. VA. Escape.

tenuifolius L. - perennial salt-marsh aster, large salt-marsh aster. MD, VA.

umbellatus Mill. - flat-topped white aster. (Doellingeria umbellata (Mill.) Nees) DC, MD, VA.

undulatus L. - wavy-leaved aster, clasping heart-leaved aster. (A. azureus Lindl., misapplied (Holm 1892, p. 115), A. corrugatus E.S. Burgess, A. gracilesens E.S. Burgess, A. sylvestris E.S. Burgess, Symphyotrichum undulatum (L.) G.L. Nesom) DC, MD, VA.

Baccharis

halimifolia L. - groundsel-tree, sea-myrtle, high-tide-bush. DC: Benning's (A. Ruth s.n., 1912; E.S. Steele s.n., 1915), MD, VA.

Bahia

schaffneri S. Watson - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from Mexico.
Bellis


Bidens

aristosa (Michx.) Britton - midwestern tickseed-sunflower. (B. trichosperma (Michx.) Britton, misapplied) DC, MD, VA. Naturalized, from midwest.

bidentoides (Nutt.) Britton - southern estuarine beggar-ticks, swamp beggar-ticks. (B. mariana S.F. Blake (Type from just outside W-B Area in Cecil Co., MD.)) MD: Harford Co. (G.H. Shull 399, 1902; S.F. Blake 9703, 1926).

bipinnata L. - Spanish-needles. DC, MD, VA.

cernua L. - nodding bur-marigold, sticktight. (B. chrysanthemoides Michx., in part, B. leptomeria Greene (type from DC area)) DC, MD, VA.


discoidea (Torr. & A. Gray) - few-bracted beggar-ticks. DC, MD: Montgomery Co. (E.C. Leonard 1332, 1919), VA.

frondosa L. - devil's beggar-ticks, stick-tight. DC, MD, VA.

laevis (L.) Britton - showy bur-marigold, stick-tight. (B. chrysanthemoides Michx., in part) DC, MD, VA.

pilosa L. - beggar-ticks, Spanish-needles. MD: Baltimore City (C.F. Reed 32882, 1942; see also Reed 1964). Waif, from tropics.

polylepis S.F. Blake - Ozark tickseed-sunflower. (B. trichosperma (Michx.) Britton, misapplied) DC, MD, VA. Perhaps should be united with B. aristosa (Kartesz 1994, p. 76).

tenuisecta A. Gray - beggar-ticks. MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from west.


templar L. - beggar-ticks, tall stick-tight, common beggar-ticks. DC, MD, VA.

Boltonia


Borrichia


Carduus

Carduus - cont.


- *nutans* L. - nodding thistle, musk thistle. DC, MD, VA. Naturalized.

**Carthamus**

- *tinctorius* L. - safflower. MD: Baltimore City (C.F. Reed 36552, 1955; see also Reed 1964, "Cnicus benedictus L."). Escape.

**Centaurea**

- *calcitrapa* L. - purple star-thistle, caltrops. DC, MD: Baltimore City, Canton, chrome ore piles (Reed 1964), VA. Naturalized.


- *jacea* L. - brown knapweed. DC (E.T. Wherry s.n., 1917), MD: Baltimore City (E. Baltars 747, 1956); see also B&B 1984, VA: Fairfax Co. (L.D. Miner s.n., 1915). Waif. None of specimens is entirely typical.

- *maculosa* Lam. - spotted knapweed. (C. biebersteinii DC. (perhaps correct name for W-B Area plants)) MD, VA. Naturalized.

- *nigra* L. - black knapweed, Spanish-buttons. DC (E.S. Steele s.n., 1914), MD: Baltimore City (C.C. Plitt 624, 1899), VA: Falls Church (F.C. Craighead s.n., 1916). Waif. None of specimens is entirely typical.


**Chondrilla**

- *juncea* L. - skeleton-weed, naked-weed. DC, MD, VA. Naturalized.

**Chrysogonum**

- *virginianum* L. - golden-star, golden-knees, green-and-gold. DC, MD, VA.

**Chrysopsis**

Chrysopsis - cont.

**mariana** (L.) Elliott - Maryland golden-aster, shaggy golden-aster. *(Heterotheca mariana* (L.) Shinners) DC, MD, VA. *J.H. Painter 1055*, 1904, identified as *C. pilosa* (Walter) Britton and referred by H&S, to *C. gossypina* (Michx.) Elliott, is really *C. mariana*.

Cichorium

**intybus** L. - chicory. DC, MD, VA. Naturalized.

Cirsium

**altissimum** (L.) Hill - tall thistle. DC, MD, VA.

**arvense** (L.) Scop. - Canada thistle. DC, MD, VA. Naturalized.

**carolinianum** (Walter) Fernald & B.G. Schub. - spring thistle. VA: Fairfax Co. *(P.C. Standley 11681*, 1915, as *C. virginianum* (L.) Michx.).

**discolor** (Muhl. ex Wild.) Spreng. - field thistle. DC, MD, VA.


**muticum** Michx. - swamp thistle. MD: Frederick Co. *(E. Baltars 529*, 1953), VA: Arlington Co. *(E.S. Steele s.n.*, 1914).

**pumilum** (Nutt.) Spreng. - pasture thistle, bull thistle. *(C. odoratum* (Muhl. ex Barton) Petr.) DC, MD, VA.


Conyza

**canadensis** (L.) Cronquist - horseweed, colt's-tail. *(Erigeron canadensis* L., *E. pusillus* Nutt., *Leptilon canadense* (L.) Britton) DC, MD, VA.

Coreopsis


**tripteris** L. - tall coreopsis, tall tickseed. DC : "below Chain Bridge" *(L.F. Ward s.n.*, 1877), MD, VA.

**verticillata** L. - whorled coreopsis, whorled tickseed, thread-leaved tickseed. DC, MD, VA.
Cosmos
parviflorus (Jacq.) Pers. - small-flowered cosmos. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from southwest.
sulphureus Cav. - yellow cosmos, orange cosmos. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Escape.

Crepis

Dyssodia
papposa (Vent.) Hitchc. - stinking-margold. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from west.

Echinacea

Eclipta
prostrata (L.) L. - eclipia, yerba-de-tago. *(E. alba* (L.) Hassk., *E. erecta* L.) **DC, MD, VA**.

Elephantopus
carolinanus Raeusch. - elephant's-foot, leafy elephant's-foot. **DC, MD, VA**.

nudatus A. Gray - scapose elephant's-foot. **VA**: Lancaster Co. *(L. B. Smith 5569, 1951)*.

Emilia

Erechtites
hieraciifolia (Raf.) Raf. - fireweed, pilewort, sneezeweed. **DC, MD, VA**.

Erigeron
annuus (L.) Pers. - daisy fleabane, annual fleabane, white-top. **DC, MD, VA**.

philadelphicus L. - Philadelphia fleabane, common fleabane, Philadelphia daisy. **DC, MD, VA**.
pulchellus Michx. - robin's-plantain. *(E. bellidifolius* Muhl. ex Willd.) **DC, MD, VA**.
Erigeron - cont.

*strigosus* Muhl. ex Willd. - lesser daisy fleabane, rough fleabane, white-top.  (*E. ramosus* (Walter) Britton)  DC, MD, VA.

**Eupatorium**

*album* L. - white thoroughwort, white-bracted eupatorium.  (*Eupatorium fernaldii* R.K. Godfrey)  DC, MD, VA.

*altissimum* L. - tall thoroughwort, tall boneset.  DC, MD, VA.


*capillifolium* (Lam.) Small - dog-fennel.  DC: Mall  (*Y.B. Abdul-Kadir s.n.*, 1964), MD: St. Mary's Co.  (*S.F. Blake 11879*, 1934), VA.

*coelestinum* L. - mistflower, blue-boneset, wild-ageratum, hardy-ageratum.  (*Conoclinium coelestinum* (L.) DC.)  DC, MD, VA.


*hyssopifolium* L. - hyssop-leaved boneset, hyssop-leaved thoroughwort.  (*Eupatorium torreyanum* Short & Peter)  DC, MD, VA.


*mohrii* Greene - tuberous eupatorium.  (*E. recurvans* Small) VA (Atlas).

*perfoliatum* L. - boneset, thoroughwort.  DC, MD, VA.

*pilosum* Walter - vervain thoroughwort, ragged thoroughwort, rough boneset.  (*Eupatorium teucrifolium* Willd., *E. verbenifolium* Michx.)  DC, MD, VA.
Eupatorium - cont.


**rotundifolium** L. - round-leaved thoroughwort, round-leaved boneset, round-leaved eupatorium, wild horehound. (*Eupatorium pubescens* Mühl. ex Willd.) DC, MD, VA.

**semiserratum** DC. - (*Eupatoriumcuneifolium* Willd. var. *semiserratum* (DC.) Fernald) MD or VA?: Great Falls (Holm 1896, p. 35).

**serotinum** Michx. - late-flowering thoroughwort, late-flowering boneset, late eupatorium DC, MD, VA.

**sessilifolium** L. - upland boneset. DC, MD, VA.

Euthamia

**graminifolia** (L.) Nutt. - grass-leaved goldenrod, lance-leaved goldenrod, common flat-topped goldenrod. (*Solidago graminifolia* (L.) Salish.) DC, MD, VA.

**tenuifolia** (Pursh) Nutt. - slender goldenrod, fragrant goldenrod, Coastal Plain flat-topped goldenrod. (*Euthamia microcephala* Greene, *Solidago microcephala* (Greene) Bush, *S. tenuifolia* Pursh) VA.

Filago


Flaveria

**trinervia** (Spreng.) C. Mohr. - MD: Baltimore City, Canton, chrome & manganese ore piles (Reed 1964). Waif, from tropics.

Galinsoga

**parviflora** Cav. - smooth galinsoga, lesser quickweed. DC, MD, VA. Naturalized.


**urticifolia** (Kunth) Benth. - nettle-leaved galinsoga. DC (*King & Krantz* 88, 1972, as *G. ciliata* (Raf.) S.F. Blake). Waif.

Gnaphalium


**obtusifolium** L. - fragrant cudweed, sweet everlasting, catfoot, rabbit-tobacco, old-field-balsam. (*Gnaphalium polycephalum* Michx.) DC, MD, VA.
Gnaphalium - cont.


**purpureum** L. - purple cudweed. *(Gamochaeta purpurea* (L.) Cabrera) **DC, MD, VA**.

**uliginosum** L. - low cudweed. **DC** (*L.F. Ward s.n., 1873; Vasey s.n., 1884), **MD**: Prince George's Co., Beltsville (Terrell et al. 1999).

Grindelia

**squarrosa** (Pursh) Dunal - curly-top gumweed, curly-cup gumweed. **VA**.

Guizotia

**abyssinica** (L.f.) Cass. - niger, niger-seed. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Escape.

Haplopappus

**ciliaris** (Nutt.) DC. - wax goldenweed. *(Prionopsis ciliata* (Nutt.) Nutt.) **MD**: Calvert Co. (*F.B. Benedict s.n., 1947*). Waif, from west.

Helenium


**autumnale** L. - yellow sneezeweed, common sneezeweed. **DC, MD, VA**.

**flexuosum** Raf. - purple sneezeweed, southern sneezeweed. *(H. nudiflorum* Nutt.) **DC, MD, VA**.

Helianthus

**angustifolius** L. - narrow-leaved sunflower, swamp sunflower. **DC, MD, VA**.

**annuus** L. - common sunflower. **DC, MD, VA**: Arlington Co. (*E.S. Steele s.n., 1897*). Escape.

**atrorubens** L. - Appalachian sunflower. **VA**.

**debilis** Nutt. - cucumber-leaved sunflower. **MD** (inferred from B&B 1984). Waif or escape, from south.

**decapetalus** L. - thin-leaved sunflower, forest sunflower. *(H. tracheliiolius* Mill.) **DC, MD, VA**.

**divaricatus** L. - woodland sunflower, divaricate sunflower. **DC, MD, VA**.

**giganteus** L. - giant sunflower, swamp sunflower, tall sunflower. **DC, MD, VA**.

**grosse serratus** M. Martens - sawtooth sunflower. **MD**: Frederick & Prince George's cos. (B&B 1984), **VA** (Atlas). Perhaps not native along east coast.
Helianthus - cont.


**x laetiflorus** Pers. - (H. *rigidus* (Cass.) Desf., misapplied) **MD**: Baltimore City, Port Covington (Reed 1964), **VA** (Atlas). Escape. Possibly the Atlas records belong to *H. pauciflorus* Nutt.


**maximiliani** Schrad. - Maximilian sunflower. **VA**: Alexandria (J.B.S. Norton, 1915, as *H. giganteus* L.). Waif or escape, from west.


**mollis** Lam. - hairy sunflower, ashy sunflower, gray sunflower. **MD**, **VA**: Fairfax Co., Hunting Creek, and/or Alexandria (W.L. McAtee 2784, 1917; see also Atlas). Waif or escape, from west.


**pauciflorus** Nutt. - stiff sunflower, prairie sunflower. (*H. x laetiflorus* Pers. var. *rigidus* (Cass.) Fernald, *H. rigidus* (Cass.) Desf.) **MD**: Baltimore Co. (C.C. Plitt 156, 1899), **VA**. Escape or waif, from midwest.

**strumosus** L. - pale-leaved sunflower, rough-leaved sunflower. **DC**, **MD**, **VA**.

**tuberosus** L. - Jerusalem-artichoke. (*H. x doronicoides* Lam., misapplied.) **DC**, **MD**, **VA**.

**Heliopsis**

**helianthoides** (L.) Sweet - ox-eye, false sunflower, sunflower-everlasting. (*H. scabra* Dunal) **DC**, **MD**, **VA**.

**Heterosperma**

**pinnatum** Cav. - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from Southwest.

**Heterotheca**


**Hieracium**


**caespitosum** Dumort.- field hawkweed, king-devil. (*H. pratense* Tausch) **DC**, **MD**, **VA**. Naturalized.

Hieracium - cont.

gronovii L. - hairy hawkweed, beaked hawkweed. DC, MD, VA.

x marianum Willd. - Maryland hawkweed. DC, MD. Puzzling intermediate specimens that are doubtfully distinct from H. venosum.

paniculatum L. - panicked hawkweed. DC, MD, VA.


scabrum Michx. - rough hawkweed, sticky hawkweed. DC, MD, VA.

venosum L. - rattlesnake-weed, veiny hawkweed. DC, MD, VA.

Hypochaeris


Inula

britannica L. - DC (J.B.S. Norton s.n., 1915). Waif.


Iva


frutescens L. - marsh-elder, maritime marsh-elder, low-tide-bush. MD, VA.

xanthifolia Nutt. - big marsh-elder. DC: Georgetown (O.M. Freeman s.n., 1920). Waif, from west.

Krigia

biflora (Walter) S.F. Blake - orange dwarf-dandelion, Cynthia. MD (inferred from B&B 1984).

dandelion (L.) Nutt. - potato-dandelion, colonial dwarf-dandelion. (Adopogon dandelion (L.) Kuntze, Cynthia dandelion (L.) DC.) DC, MD, VA.

virginica (L.) Wild. - dwarf-dandelion, Virginia dwarf-dandelion. (Adopogon carolinianum (Walter Britton) DC, MD, VA.

Kuhnia

eupatorioides L. - false boneset. (Brickellia eupatorioides (L.) Shinners) DC, MD: Calvert Co. (B&B 1984), VA.

Lactuca

biennis (Moench) Fernald - tall blue lettuce. (L. spicata (Lam.) Hitchc., misapplied.) DC, MD, VA.
Lactuca - cont.

**canadensis** L. - wild lettuce, tall lettuce. (*L. integrifolia* Bigelow, *L. sagittifolia* Elliott, *L. steelei* Britton (type from Washington, DC, area)) **DC, MD, VA.**

**floridana** (L.) Gaertn. - Florida blue lettuce, Florida lettuce, woodland lettuce. (*L. villosa* Jacq.) **DC, MD, VA.**

**hirsuta** Muhl. ex Nutt. - hairy tall lettuce. **MD, VA.** Doubtfully distinct from *L. canadensis* in W-B Area.

**saligna** L. - willow-leaved lettuce, willow lettuce. **DC:** Columbia Island (*R. Kanal 317 1988*), **MD:** Baltimore Co. (B&B 1984); Prince George's Co., Beltsville (Terrell et al. 1999), **VA.** Naturalized.

**seriola** L. - prickly lettuce, compass-plant. (*L. scariola* L., *L. virosa* L. (recognized as separate species by some)) **DC, MD, VA.** Naturalized.

Lapsana


Leontodon

**autumnalis** L. - fall-dandelion. (*Apargia autumnalis* (L.) Hoffm.) **DC** (H&S, p. 264), **MD:** Prince George's Co. (B&B 1984). Waif.


Leucanthemum

**vulgare** Lam. - ox-eye daisy. (*Chrysanthemum leucanthemum* L.) **DC, MD, VA.** Naturalized.

Liatris

**graminifolia** Willd. - grass-leaved blazing-star. (*Laciniaria graminifolia* (Willd.) Kuntze) **DC, MD, VA.** Correct name may be *Liatris pilosa* (Aiton) Willd.

**scariosa** (L.) Willd. - large blazing-star, northern blazing-star. (*Laciniaria scariosa* (L.) Hill) **MD** (inferred from B&B 1984), **VA.**

**spicata** (L.) Willd. - gay-feathers, sessile blazing-star, spiked blazing-star. (*Laciniaria spicata* (L.) Kuntze) **DC** (*J.W. Chickering, Jr., s.n., 1876*), **MD, VA.**

**squarrosa** (L.) Michx. - colicroot, colicroot blazing-star, plains blazing-star, scaly blazing-star. (*Laciniaria squarrosa* (L.) Hill) **DC** (*L.F. Ward s.n., 1893*), **MD:** Charles Co. (*J.M. Turpin 475, 1942*), **VA.**

Madia

**sativa** Molina - Chilean tarweed. **DC** (*McAtee 1940, p. 146*), **MD:** Montgomery Co. (*J.E. Benedict, Jr., 1043, 1930*). Waif.
Matricaria


recutita L. - wild chamomille.  (*Chamomilla recutita* (L.) Rauschert,*M. chamomilla* L.)  **MD: Baltimore** Co.  **VA:** Arlington Co.  (**S.F. Blake 10582, 1928**); Fairfax Co.  (**F.R. Fosberg 23369, 1945**).  Waif.

Melampodium

sericeum Lag. - (*M. hispidum* Kunth.)  **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964).  Waif, from southwest.

Mikania

scandens (L.) Willd. - climbing hempweed.  **DC, MD, VA.**

Onopordum

acanthium L. - Scotch-thistle.  **DC, MD:** Baltimore City, Canton, chrome ore piles (Reed 1964); W-B Area (B&B 1984),  **VA.** Naturalized.

Parthenium

hysterophorus L. - **DC** (**Dayton & Blake 10856, 1929**), **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964).  Waif, from tropics.


Picris

echioides L. - bristly ox-tongue.  **DC (P.L. Ricker s.n., 1928), MD:** Prince George's Co.  (B&B 1984).  Waif.

hieracioides L. - hawkweed ox-tongue.  **MD:** Prince George's Co.  (B&B 1984).  Waif.

Pluchea

camphorata (L.) DC. - camphorweed, stinkweed.  **MD:** Charles Co., Marshall Hall (H&S); Chapman Forest (**R. Simmons s.n., 1998**),  **VA:** Fairfax Co., Mount Vernon (**W. Hunter s.n., 1897**).

odorata (L.) Cass. - saltmarsh-fleabane.  (*P. marilandica* (Michx.) Cass., *P. purpurascens* (Sw.) DC.)  **MD, VA.**

Polymnia

canadensis L. - white-flowered leafcup, pale-flowered leafcup, small-flowered leafcup.  **DC?** (**L.F. Ward s.n., 18--:", In vincinis [sic] Washington, DC"),  **MD, VA.**

uvedalia L. - yellow-flowered leafcup, large-flowered leafcup, bear's-foot.  **DC (H. Brummel s.n., 1869)**,  **MD, VA.**

Prenanthes

alba L. - white-lettuce, rattlesnake-root.  (*Nabalus albus* (L.) Hook.)  **DC, MD, VA.**

altissima L. - tall white-lettuce.  **MD (B&B 1984), VA:** Fauquier Co.  (**H.A. Allard 3710, 1937**).

autumnalis Walter - slender rattlesnake-root.  (*Nabalus virgatus* (Michx.) DC., *P. virgata* Michx.)  **MD (B&B 1984).**
Prenanthes - cont.


**trifoliata** (Cass.) Fernald - gall-of-the-earth, lion's-foot. (*Nabalus trifoliatus* Cass.) **MD**: Baltimore Co. (B&B 1984), VA.

Pulicaria
dysenterica (L.) Bernh. - fleabane. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964); Charles Co., Rock Point (*Leonard & Killip 852, 1921; O.M. Freeman s.n., 1930*). Naturalized. Rock Point was once the only known locality in northeast (Fernald 1950, p. 1465).

Pyrrhopappus

Rudbeckia
fulgida Aiton - orange coneflower, brilliant coneflower, eastern coneflower. (*R. speciosa* Wender.) **DC, MD, VA.**
laciniata L. - tall coneflower, green-headed coneflower, cut-leaved coneflower, wild golden-glow. **DC, MD, VA.**

triloba L. - three-lobed coneflower. **DC, MD, VA.**

Sanvitalia
procumbens Lam. - (*S. angustifolia* A. Gray) **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Escape, from Mexico.

Schkuhria
wislizeni A. Gray - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from southwest.

Senecio
anonymus Wood - Small's ragwort, Appalachian groundsel. (*S. balsamitae* Mühl. ex Willd., misapplied, *S. smallii* Britton) **DC, MD, VA.**
aureus L. - golden ragwort, heart-leaved groundsel. **DC, MD, VA.**
Senecio - cont.


**pauperculus** Michx. - balsam ragwort, northern meadow groundsel, balsam squaw-weed. (*S. balsamitae* Muhl. ex Willd., *S. crawfordii* Britton) **MD**: Prince George's Co., Suitland (7 collections), **VA**: Fairfax Co. (Atlas). US specimens identified as this species from Fairfax Co. are *S. anonymus* Wood.

**plattensis** Nutt. - Platte groundsel. **VA**: Loudoun Co. (*E.J. Hambleton 54, 57, 1960). Originally identified as *S. smallii* (=*anonymus*). These specimens were annotated by J. Doyle in 1975 as *S. plattensis*, but seem more likely to be variants of the former.

**tomentosus** Michx. - southern woolly groundsel. **MD**: Prince George's Co. (*O.M. Freeman, 1946), **VA** (Atlas).


Sericocarpus

**asteroides** (L.) B.S.P. - toothed white-topped aster, stiff aster. (*Aster paternus* Cronquist, *S. conyzoides* Nees) **DC, MD, VA**.

**linifolius** (L.) B.S.P. - narrow-leaved white-topped aster, flax-leaved aster. (*S. solidagineus* (Michx. ex Willd.) Nees) **DC, MD, VA**.

Silphium

**laciniatum** L. - compass-plant, laciniate rosinweed. **DC**: Woodley Park Bridge (*L.F. Ward s.n., 1886). Waif, from south or west. Only this one historical record for W-B Area.

**trifoliatum** L. - whorled rosinweed. **DC, MD, VA**.

Silybum


Simsia

**lagasciformis** DC. - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from Mexico.

Solidago

**arguta** Aiton - cutleaf goldenrod, forest goldenrod. (*S. harrisii* E.S. Steele) **MD**: Harford Co. (*E. Baltars 793, 1956), **VA**: Loudoun Co. (*W.R. Maxon 10782, 1935).

**bicolor** L. - silverrod. **DC, MD, VA**.

**caesia** L. - blue-stem goldenrod, wreath goldenrod, axillary goldenrod. **DC, MD, VA**.

**canadensis** L. - tall goldenrod, Canada goldenrod, common goldenrod. (*S. altissima* L.) **DC, MD, VA**.
Solidago - cont.

curtisii Torr. & A. Gray - Curtis' goldenrod. VA: Fairfax Co. (Atlas). Included as variety of *S. caesia* by some (e.g., Kartesz 1994, p. 132).


erecta Pursh - slender goldenrod. (*S. speciosa* var. *erecta* (Pursh) MacMill.) DC, MD, VA. Not clearly separable from *S. speciosa* according to some recent opinion.


flexicaulis L. - zigzag goldenrod, broad-leaved goldenrod. (*S. latifolia* L.) DC, MD, VA.

gigantea Aiton - late goldenrod, smooth goldenrod. (*S. serotina* Aiton) DC, MD, VA.


juncea Aiton - early goldenrod. (*S. arguta* Aiton, misapplied) DC, MD, VA.

missouriensis Nutt. - Missouri goldenrod. MD: "...has been reported from Howard and Baltimore Counties; introduced from west" (B&B 1984).

nemoralis Aiton - gray goldenrod, old-field goldenrod, dwarf goldenrod. DC, MD, VA.

odora Aiton - sweet goldenrod, licorice goldenrod. (*S. suaveolens* Schoepf) DC, MD, VA: FairfaxCo. (*Strong & Simmons 1773, 1998*).


pinetorum Small - fascicled piney-woods goldenrod. VA: Prince William Co. (*J. Baird 258, 1949*).


rigida L. - stiff goldenrod. DC: Woodley Park (5 collections, 1878-1896), MD, VA (Atlas).

rugosa Mill. - wrinkled-leaved goldenrod, rough-stemmed goldenrod. (*S. altissima* L., misapplied) DC, MD, VA.

rupestris Raf. - riverbank goldenrod. DC ?, VA. Most and perhaps all specimens are from VA side of Potomac River. Not clear that any really is from DC despite what labels say.

sempervirens L. - seaside goldenrod. MD, VA.
Solidago - cont.

simplex Kunth - riverbank goldenrod. (*S. humilis* Banks ex Pursh, *S. racemosa* Greene, *S. spathulata* DC. var. *racemosa* (Greene) Gleason) **DC, MD, VA.**


squarrosa Muhl. ex Nutt. - squarrose goldenrod. **MD**: Frederick Co. (*W.E. Randall s.n.*, 1948), **VA**: Fauquier Co. (*H.A. Allard 3738*, 1937; *5713*, 1938). Included in *S. petiolaris* Aiton by some (e.g., Kartesz 1994, p. 135).


ulmifolia Muhl. ex Willd. - elm-leaved goldenrod. **DC, MD, VA.**

Sonchus

arvensis L. - field sow-thistle, perennial sow-thistle. (*S. uliginosus* M. Bieb.) **DC, MD, VA.** Naturalized.

asper (L.) Hill - spiny-leaved sow-thistle, prickly sow-thistle. **DC, MD, VA.** Naturalized.

oleraceus L. - common sow-thistle, annual sow-thistle. **DC, MD, VA.** Naturalized.

Synosma

suaveolens (L.) Raf. ex Britton - sweet-scented Indian-plantain, hastate Indian-plantain. (*Cacalia suaveolens* L.) **DC, MD, VA.**

Tagetes

erecta L. - common marigold. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Escape.


pusilla L. - marigold. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

Tanacetum

balsamita L. - costmary, mint-geranium. (*Balsamita major* Desf., *Chrysanthemum balsamita* L., perhaps misapplied) **DC (E.S. Steele s.n., 1899)**. Escape.


Taraxacum


Tetragonotheca
helianthoides L. - squarehead. VA: Lancaster Co. (FJH 1941).

Tragopogon


Tridax
accedens S.F. Blake - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from Mexico.

Tussilago

Verbesina
alternifolia (L.) Britton ex Kearney - wingstem, yellow-ironweed. (Actinomeris alternifolia (L.) DC., Ridan alternifolia (L.) Britton) DC, MD, VA.

encelioides (Cav.) Benth. & Hook. - golden crownbeard. MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from west.

occidentalis (L.) Walter - yellow crownbeard, southern flatseed-sunflower. (Phaethusa occidentalis Britton, V. siegesbeckia Michx.) DC, MD, VA.

Vernonia
gigantea (Walter) Trel. - tall ironweed. (V. altissima Nutt.) VA (Atlas).

glauc (L.) Willd. - broad-leaved ironweed, Appalachian ironweed. DC, MD, VA.

noveboracensis (L.) Michx. - New York ironweed. DC, MD, VA.

Xanthium
spinorum L. - spiny cocklebur. DC, MD, VA. Naturalized.
Xanthium - cont.

strumarium L. - common cocklebur. \((X.\) americanum Walter, \(X.\) canadense Mill., \(X.\) chinense Mill., \(X.\) commune Britton, \(X.\) echinatum Murray, \(X.\) italicum Moretti, \(X.\) pensylvanicum Wallr., \(X.\) pungens Wallr., \(X.\) saccharatum Wallr., \(X.\) xshullii Widder \(\text{holotype (US) from Harford Co.}, \(X.\) speciosum Kearney) \(\text{DC, MD, VA.}\)

Youngia

japonica \((L.)\) DC. - Asiatic hawk's-beard. \((\text{Crepis japonica \((L.)\) Benth.}) \(\text{DC, MD, VA: Fairfax Co. (Atlas).}\)

BALSAMINACEAE The Touch-me-not Family

Impatiens

balsamina \((L.)\) garden balsam, balsam. \(\text{VA: Arlington Co. (W.L. McAtee 2854, 1917). Escape.} \)

"Spontaneous in my yard...for years" \(\text{(McAtee 1930, p. 30).}\)

capensis Meerb. - spotted touch-me-not, orange touch-me-not, orange jewelweed. \((I.\) biflora Walter) \(\text{DC, MD, VA.}\)

pallida Nutt. - pale touch-me-not, yellow touch-me-not, yellow jewelweed. \(\text{DC, MD, VA.}\)

walleriana Hook. \(f.\) - Zanzibar balsam, patient-Lucy, patience-plant, sultana. \((I.\) sultanii Hook. \(f.\) \(\text{DC: Rock Creek Park (P. Fleming 975, 1988). Escape.}\)

BERBERIDACEAE The Barberry Family

Berberis

thunbergii \(\text{DC. - Japanese barberry. (DC, MD: Montgomery Co., Planners Island; Prince George's Co., Beltsville (Terrell et al. 1999), VA. Escape.}\)

vulgaris \((L.)\) - common barberry. \(\text{MD: Frederick Co., Point of Rock (L.F. Ward 1187, 1878), VA (Atlas). Escape.}\)

Caulophyllum

thalictroides \((L.)\) Michx. - blue cohosh. \(\text{MD, VA.}\)

Jeffersonia

diphylla \((L.)\) Pers. - twinleaf. \(\text{DC, MD, VA. The three DC specimens, all collected before 1900, may have come from nearby MD or VA (see McAtee 1930, p. 50)}\)

Podophyllum

peltatum \((L.)\) - mayapple, mandrake. \(\text{DC, MD, VA.}\)

BETULACEAE The Birch Family

Alnus

glutinosa \((L.)\) Gaertn. - black alder, European alder. \(\text{DC: Rock Creek Park (P. Fleming 790, 1988-89). Planted or escaped?}\)
Alnus - cont.

serrulata (Aiton) Willd. - common alder, smooth alder, hazel alder. (A. rugosa (Du Roi) Spreng., misapplied) DC, MD, VA.

Betula


lenta L. - black birch, sweet birch, cherry birch. MD, VA.

nigra L. - river birch, red birch. (Betula rubra F. Michx.) DC, MD, VA.


Carpinus

caroliniana Walter - American hornbeam, ironwood, blue-beech, musclewood. DC, MD, VA.

Corylus

americana Walter - American hazelnut. DC, MD, VA.


Ostrya

virginiana (Mill.) K. Koch - hop hornbeam, ironwood. DC, MD, VA.

BIGNONIACEAE The Trumpet-creeper Family

Bignonia


Campsis

radicans (L.)Seem. ex Bureau - trumpet-creeper. (Bignonia radicans L., Tecoma radicans (L.)Juss.) DC, MD, VA.

Catalpa

bignoniioides Walter - common catalpa, southern catalpa, Indian-bean. (C. catalpa (L.) H. Karst.) DC, MD: Prince George's Co., Beltsville (Terrell et al. 1999), VA. Native of SE; escape in our area.


BORAGINACEAE The Borage Family

Amsinckia


Anchusa


Asperugo

procumbens L. - madwort. DC. Waif. Two 1898 specimens.

Borago


Cynoglossum

officinale L. - hound's-tongue. DC, MD, VA. Naturalized.

virginianum L. - wild comfrey. DC, MD, VA.

Echium

italicum L. - bugloss. MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

vulgare L. - viper's bugloss, blueweed, blue-devil, blue-thistle. DC, MD, VA. Naturalized.

Hackelia

virginiana (L.) I.M. Johnst. - beggar's-lace, stickseed. (Lappula virginiana (L.) Greene) DC, MD, VA.

Heliotropium


curassavicum L. - seaside heliotrope. MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

europaeum L. - European heliotrope. DC, MD, VA. Naturalized.

indicum L. - turn-sole, Indian heliotrope. W-B Area (FJH 1946, basis of record?), MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

procumbens Mill. - heliotrope. MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

Lappula

Lithospermum

arvense L. - corn gromwell. (*Buglossoides arvensis* (L.) I.M. Johnst.) DC, MD, VA. Naturalized.

canescens (Michx.) Lehm. - hoary puccoon, orange puccoon, Indian-paint. DC (H&S), MD (B&B 1984), VA.


Mertensia

virginica (L.) Pers. ex Link - Virginia bluebells, eastern bluebells, bluebells, Virginia-cowslip. DC, MD, VA.

Myosotis


laxa Lehm. - smaller forget-me-not. (*M. palustris* (L.) Hill., misapplied) DC, MD, VA.

macrosperma Engelm. - big-seed scorpion-grass. (*M. arvensis* (L.) Hill, misapplied) DC, MD, VA. Sometimes combined with *M. verna*.


verna Nutt. - spring forget-me-not, early scorpion-grass, spring scorpion-grass. (*M. virginica* (L.) B.S.P., misapplied) DC, MD, VA.

Onosmodium

virginianum (L.) A. DC. - false gromwell, eastern false gromwell. DC, MD: Montgomery Co. (*E.C. Leonard 1344, 1919*), VA.

Symphytum

officinale L. - common comfrey, comfrey. DC, MD. Escape.

BRASSICACEAE *The Mustard Family*

Alliaria

petiolata (M. Bieb.) Cavara & Grande - garlic-mustard. (*A. officinalis* Andrz. ex M. Bieb.) DC, MD, VA. Naturalized, very invasive.

Alyssum

Arabidopsis thaliana (L.) Heynh. - mouse-ear cress. *Sisymbrium thalianum* J. Gay & Monnier) **DC, MD, VA.** Naturalized.

**Arabis**

canadensis L. - sickle-pod. **DC, MD, VA.**


hirsuta (L.) Scop. - hairy rockcress. *(A. pycnocaarpa* M. Hopkins) **MD** (H&S; B&B 1984).

laevigata (Muhl ex Willd.) Poir. - smooth rockcress. **DC, MD, VA.**

lyrata L. - lyre-leaved rockcress. **DC, MD, VA.**

missouriensis Greene - Missouri rockcress, **MD:** Baltimore Co. *(E. Baltars 2092, 1958)*; Montgomery Co. *(B&B 1984).*

patens Sull. - spreading rockcress. **MD, VA.**

shortii (Fernald) Gleason - Short's rockcress. *(A. dentata* (Torr.) Torr. & A. Gray,,*A. perstellata* E.L. Braun var. *shortii* Fernald) **DC, MD, VA.**

**Armoracia**

lacustris (A. Gray) Al-Shehbaz & V.M. Bates - lake-cress. *(A. aquatica* (Eaton) Wiegand,*Neoboeckia aquatica* (Eaton) Greene) **MD:** Collected only by L.F. Ward at Great Falls, (1879, 1880, 1882), as *Nasturtium lacustre* A. Gray.


**Barbarea**

verna (Mill.) Asch. - early winter-cress. *(Campe verna* (Michx.) Heller) **DC, MD, VA.** Naturalized.


**Berteroa**

incana (L.) DC. - hoary alyssum **MD:** Baltimore (B&B 1984); Prince Georges Co. *(Maxon 6463, 1919).* Escape.

**Brassica**

hirta Moench - white mustard. *(B. alba* L., misapplied, *Sinapis alba* L.) **DC** (H&S), **MD:** Baltimore City, Canton (Reed 1964). Escape. Treated by some recent authors as *Sinapis alba*.

juncea (L.) Czern. - Indian mustard, Chinese mustard, brown mustard. **DC, MD, VA.** Naturalized.

kaber (DC.) L.C. Wheeler - charlock. *(Sinapis arvensis* L.) **DC, MD, VA.** Naturalized. Treated by some recent authors as *Sinapis arvensis.*
Brassica - cont.
nigra (L.) W.D.J. Koch - black mustard. DC, MD, VA. Naturalized.
oleracea L. - cabbage, cauliflower, broccoli, Brussel sprouts. DC, MD. Escape.
rapa L. - turnip, bird's rape, field mustard. (B. campestris L.) DC, MD, VA. Naturalized.

Cakile
edentula (Bigelow) Hook. - MD, VA (Atlas).


Camelina
microcarpa DC. - small-fruited false flax. DC, MD, VA. Naturalized.

Capsella

Cardamine
bulbosa (Schreb. ex Muhl.) B.S.P. - spring cress, bulbous cress. (C. rhomboidea (Pers.) DC.) DC, MD, VA.
douglassii Britton - purple cress, pink spring cress. DC ?, MD, VA: Fairfax Co. (Atlas). L.F. Ward's specimen (1874) from Eastern Branch Marsh probably from DC but possibly MD.
hirsuta L. - hairy bittercress. DC, MD, VA. Naturalized.
parviflora L. - small-flowered cress. (C. arenicola Britton, C. hirsuta var. sylvatica (Link) Hook. & Arn., misapplied) DC, MD, VA. American plants of species treated as var. arenicola (Britton) O.E. Schulz.
pensylvanica Muhl. ex Willd. - Pennsylvania bittercress. (C. hirsuta, misapplied) DC, MD, VA.

Cardaria
draba (L.) Desv. - hoary cress, heart-podded hoary cress. (Lepidium draba L.) DC, MD. Waif.

Coincy

Conringia
Coronopus didymus (L.) Sm. - wart-cress, swine-cress. **DC**, **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964), **VA**: Waif.

**Dentaria**

**heterophylla** Nutt. - slender toothwort, Appalachian toothwort. (*Cardamine angustata* O.E. Schulz.) **DC**, **MD**, **VA**: Placed in *Cardamine* by some recent authors.

**laciniata** Muhl. ex Wild. - cut-leaved toothwort, cut-leaved pepperroot, five-parted toothwort. (*Cardamine concatenata* (Michx.) Sw.) **DC**, **MD**, **VA**: Placed in *Cardamine* by some recent authors.

**Descurainia**

**pinnata** (Walter) Britton - tansy-mustard. (*Sophia pinnata* (Walter) T.J. Howell) **MD**: McAtee 1930, p. 27, **VA**: McAtee 1930, p. 27. Waif.

**siifolia** Kuntze - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.


**Diplotaxis**

**muralis** (L.) DC. - **DC** (G. Vasey s.n., 1874), **VA**: Fairfax Co. (Atlas). Waif.

**siifolia** Kuntze - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.


**Draba**


**verna** L. - whitlow-grass. **DC**, **MD**, **VA**: Naturalized.

**Eruca**


**Erucastrum**

**gallicum** (Willd.) O.E. Schulz - garden-rocket, dog-mustard. **DC** (G. Vasey s.n., 1887, as "Diplotaxis?"). **MD**: Baltimore Co. (B & B 1984). Waif.

**Erysimum**

**asperum** (Nutt.) DC. - western wallflower. (*Cheirinia aspera* (Nutt.) Britton) **MD**: Prince George's Co., Beltsville (Terrell et al. 1999). Waif, from west.

**cheiranthoides** L. - wormseed mustard. (*Cheirinia cheiranthoides* (L.) Link) **DC**, **MD**, **VA**: Naturalized.

**repandum** L. - (*Cheirinia repanda* (L.) Link.) **MD**: Anne Arundel Co. (B&B 1984); Baltimore City, Canton (Reed 1964); Harford Co. (E. Baltars 4046, 1967), **VA**: (Atlas). Waif.

**Hesperis**

Isatis

tinctoria L. - dyer's woad. DC, VA. Naturalized.

Lepidium

campestre (L.) W.T. Aiton - field-cress, cow-cress. DC, MD, VA. Naturalized.

densiflorum Schrad. - dense-flowered peppergrass, prairie pepperweed. DC, VA. Status in region doubtful; not reported in Atlas, despite many VA specimens in US; perhaps all specimens really apetalous L. virginicum, as concluded by H&S.

graminifolium L. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

hyssopifolium Desv. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.


virginicum L. - wild peppergrass, poor-man's-pepper. DC, MD, VA.

Lobularia

maritima (L.) Desv. - sweet alyssum. (Koniga maritima (L.) R. Br.) DC, MD (B&B 1984), VA. Escape.

Lunaria

annua L. - honesty. DC, VA (Atlas). Frequent escape, not persisting.

Nasturtium

officinale W.T. Aiton - watercress. (Rorippa nasturtium-aquaticum (L.) Hayek., Sixsymbrum nasturtium-aquaticum L.) DC, MD, VA. Naturalized. Treated by some as a Rorippa.

Raphanus

raphanistrum L. - wild radish, jointed charlock. MD, VA. Waif.

sativus L. - radish. DC, VA. Escape.

Rorippa

palustris (L.) Besser - common yellow-cress, marsh yellow-cress. (Nasturtium obtusum Nutt., N. palustre (L.) DC.,Radicula hispida (Desv.) Britton, R. obtusa (Nutt.) Greene, misapplied, R. palustris (L.) Moench, Rorippa hispida (Desv.) Britton, R. islandica (Oeder) Borbás, misapplied, R. obtusa (Nutt.) Britton, misapplied) DC, MD, VA.


sinuata (Nutt.) Hitchc. - spreading yellow-cress. MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from west.

sylvestris (L.) Besser - creeping yellow-cress. (Radicula sylvestris (L.) Druce) DC, MD, VA. Naturalized.

Sibara

Sisymbrium
| altissimum L. - tumble mustard. (Norta altissima (L.) Britton) DC, MD, VA. Naturalized. |

Teesdalia

Thlaspi
| arvense L. - field pennycress. DC, MD, VA. Naturalized. |
| perfoliatum L. - perfoliate pennycress. DC, MD, VA. Naturalized. |

BUDDLEJACEAE The Butterfly-bush Family

Buddleja

Polypremum
| procumbens L. - DC (E.S. Steele s.n., 1898), MD, VA. |

BUXACEAE The Boxwood Family

Pachysandra

CABOMBACEAE The Water-shield Family

Brasenia

Cabomba
| caroliniana A. Gray - fanwort. DC, MD: W-B area (B&B 1984), VA. Fish Ponds in Potomac Park before they were filled in. Genus sometimes included in Nymphaeaceae. |

CACTACEAE The Cactus Family

Opuntia
| humifusa (Raf.) Raf. - eastern prickly-pear. (O. calcicola Wherry, O. compressa (Salisb.) J.F. Macbr., O. opuntia (L.) H. Karst., O. vulgaris Mill., misapplied) MD, VA. |
CALLITRICHEACEAE The Water-starwort Family

**Callitriche**

*Callitriche heterophylla* Pursh - larger water-starwort. (*C. autumnalis* L., misapplied.) **DC, MD, VA.**

*Callitriche palustris* L. - vernal water-starwort, water-fennel. (*C. verna* L.) **MD (F.V. Coville s.n., 1894; G.H. Shull 405, 1902; as C. verna L.), VA (Atlas).** Status in W-B Area uncertain. According to Atlas, in three counties in VA, as *C. verna*, but Fairfax and Loudoun records perhaps based in part on misidentified US specimens.


*Callitriche terrestris* Raf. - Austin's water-starwort. (*C. austini* Engelm., *C. deflexa* A. Braun) **DC, MD, VA.**

CAMPANULACEAE The Bellflower Family

**Campanula**

*Campanula americana* L. - tall bellflower. (*Campanulastrum americanum* (L.) Small) **MD, VA (Atlas).**

*Campanula aparoinoides* Pursh - marsh bellflower. (*Campanula uliginosa* Rydb.) **DC, MD, VA.**

*Campanula divaricata* Michx. - southern bellflower, Appalachian bellflower, southern harebell. **VA:** Fauquier Co. (Atlas).

*Campanula rapunculoides* L. - rover bellflower, European bellflower. **DC, MD:** Prince George's Co. *(P.C. Standley 11790, 1915), VA (Atlas).** Naturalized.

*Campanula rotundifolia* L. - harebell, bluebells-of-Scotland, bluebells. **MD:** Harford Co., Bald Hill *(Reed & Shetler 88124, 1970; see also Shetler 1982, p. 182).**

**Triodanis**


CANNABACEAE The Hemp Family

**Cannabis**

*Cannabis sativa* L. - hemp, marijuana, pot, grass. **DC, MD:** Montgomery Co., Plummers Island *(S.F. Blake s.n., 1931; see also B&B 1984).** Escape, once common, now rare.

**Humulus**


*Humulus lupulus* L. - common hop, hops. (*H. americanus* Nutt.) **DC, MD, VA.** Native and naturalized varieties in W-B Area (see US specimens; Small 1997).
CAPPARACEAE The Caper Family

Cleome
  hassleriana Chodat - spider-flower. *(C. spinosa* Jacq., misapplied.) **DC, MD, VA.** Escape.
  ornithopodioides L. - **MD:** Baltimore Co. *(E. Baltars 3561, 1964).* Waif. Appears to be this species, but there is some question about the name *(Kartesz 1994, vol. 1, p. 192)*
  viscosa L. - **MD:** Baltimore City, Canton, chrome ore piles *(Reed 1964).* Waif.

Polanisia
  dodecandra (L.) DC. - clammy-weed. *(P. trachysperma* Torr. & A. Gray) **MD:** Anne Arundel Co. *(B&B 1984).*

CAPRIFOLIACEAE The Honeysuckle Family

Diervilla
  lonicera Mill. - bush-honeysuckle. **MD.** Included by FJH 1946 as a waif, but probably indigenous in W-B Area.
  x bella Zabel - *(L. morrowii x L. tatarica)* **VA.** Escape.
  fragrantissima Lindl. & Paxton - early bush honeysuckle, fragrant honeysuckle. **MD:** Prince George's Co., Beltsville *(Terrell et al. 1999).* Escape.
  japonica Thunb. - Japanese honeysuckle. **DC, MD, VA.** Naturalized.
  maackii (Rupr.) Maxim. - Maack's honeysuckle. **DC, MD, VA.** Escape, but widely naturalized.
  morrowii A. Gray - Morrow's honeysuckle, hairy-leaved honeysuckle. **DC, MD:** Prince George's Co., Beltsville *(Terrell et al. 1999), VA (Atlas).* Escape. DC specimens perhaps from planted shrubs *(see Fleming & Kanal 1995).*
  sempervirens L. - trumpet honeysuckle. **DC, MD, VA.**
  standishii Jacques - Standish honeysuckle. **MD:** Montgomery Co. *(Fosberg & Rainey 55578, 1974).* Escape; specimen identification tentative.
  tatarica L. - Tatarian honeysuckle, Tartarian honeysuckle. **MD:** Prince George's Co., Beltsville *(Terrell et al. 1999), VA (Atlas).* Escape.
  xylosteum L. - European fly honeysuckle. **DC, VA: King George Co. (Atlas).** Escape. At least one of DC specimens perhaps planted *(see Fleming & Kanal 1995, p. 302).*

Sambucus
  canadensis L. - common elder, black elderberry, elder, elderberry. **DC, MD, VA.**
  racemosa L - red-berried elder, red elderberry, stinking elderberry. *(S. pubens* Michx.) **MD:** Frederick Co. *(FJH 1946), VA (Atlas).** North American plants treated as *S. racemosa ssp. pubens* *(Michx.) House or var. *pubens* *(Michx.) Koehne.*
Symphoricarpos
albus (L.) S.F. Blake - snowberry. (S. racemosus Michx., S. rivularis Suksd.) DC, MD: Anne Arundel Co., Piney Point (Vasey s.n., 1874). Perhaps only an escape from cultivation in W-B Area (see B&B 1972).

orbiculatus Moench - coralberry, Indian-currant, blackbrush. DC, MD, VA. Perhaps mainly an escape from cultivation in W-B Area (see B&B 1972).

Triosteum
angustifolium L. - narrow-leaved horse-gentian, lesser horse-gentian, feverwort. DC, MD, VA.

perfoliatum L. - perfoliate horse-gentian, tinker's-weed, wild-coffee. MD, VA.

Viburnum
acerifolium L. - maple-leaved viburnum, dockmackie, maple-leaved arrow-wood. DC, MD, VA. Viburnum is placed by some in the Adoxaceae.
dentatum L. - arrow-wood, southern arrow-wood, roughish arrow-wood. (V. pubescens (Aiton) Pursh, V. recognitum Fernald, V. scabrellum Torr. & A. Gray ex Chapm., V. venosum Britton) DC, MD, VA.
lentago L. - nannyberry. MD: Prince George's Co., Beltsville (Terrell et al. 1999). A questionable record, according to Terrell et al.
nudum L. - possum-haw, swamp-haw, smooth withe-rod, naked withe-rod. DC, MD, VA.
prunifolium L. - black-haw. DC, MD, VA.

rafinesqueanum Schult. - downy arrow-wood. (V. affine Bush ex C.K. Schneid., V. pubescens (Aiton) Pursh, misapplied) MD, VA.

CARYOPHYLLACEAE The Pink Family

Agrostemma
githago L. - corn-cockle, purple-cockle. DC, MD, VA. Naturalized.

Arenaria

serpyllifolia L. - sandwort, thyme-leaved sandwort. DC, MD, VA. Naturalized.
Cerastium

**arvense** L. - field chickweed. (*C. velutinum* Raf.) **DC, MD, VA.**


**nutans** Raf. - nodding chickweed. (*C. longipedunculatum* Muhl. ex Britton) **DC, MD, VA.**


semidecandrum L. - **DC** (H&S), **VA** (Atlas). Waif.

**viscosum** L. - clammy chickweed. (*C. glomeratum* Thuill. (perhaps the correct name)) **DC, MD, VA.** Naturalized.

**vulgatum** L. - common mouse-eared chickweed. (*C. fontanum* Baume. (perhaps the correct name)) **DC, MD, VA.** Naturalized.

Dianthus

**armeria** L. - deptford pink. **DC, MD, VA.** Naturalized.

**barbatus** L. - sweet-William. **MD.** Escape.

**deltoides** L. - maiden pink. **DC** (**L.F. Ward s.n., 1886**), **MD**: Montgomery Co. (**FJH 1946**). Escape.

**plumarius** L. - garden pink. **MD**: Harford Co. (**E. Baltars 512, 1953**). Escape.

Gypsophila

**pilosa** Huds. - (*G. porrigens* (L.) Boiss., *Saponaria porrigens* L.) **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Herniaria

**gabra** L. - burstwort. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

**hirsuta** L. - burstwort. (**H. cinerea** DC.) **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Holosteum

**umbellatum** L. - jagged chickweed. **VA** (Atlas; McAtee 1940, p. 141). Waif.

Lychnis


**flos-cuculi** L. - ragged-robin, cuckoo-flower. **DC** (**H. Brummel s.n., 1869**). Waif.

Paronychia

**canadensis** (L.) Wood - forked-chickweed, smooth forked-chickweed. (*Anychia canadensis* (L.) B.S.P.) **DC, MD, VA.**
Paronychia - cont.

- **fastigiata** (Raf.) Fernald - forked-chickweed, hairy forked-chickweed. (*Anychia polygonoides* Raf.) DC, MD, VA.


Petrorhagia


- **saxifraga** (L.) Link - (*Tunica saxifraga* (L.) Scop.) DC (McAtee 1940, p. 141). Waif.

Sagina

- **decumbens** (Elliott) T. & G. - pearlwort. DC, MD, VA.

- **procumbens** L. - bird’s-eye, pearlwort. DC, MD.

Saponaria

- **officinalis** L. - bouncing-bet, soapwort. (*Lychnis saponaria* Jess.) DC, MD, VA. Naturalized.

Scleranthus

- **annuus** L. - knawel. DC, MD, VA (Atlas). Naturalized.

Silene

- **antirrhina** L. - sleepy catchfly. DC, MD, VA.


- **caroliniana** Walter - wild pink. (*S. pennsylvanica* Michx.) DC, MD, VA.

- **csereii** Baumg. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Escape.

- **dichotoma** Ehrh. - forked catchfly. MD, VA. Naturalized.

- **dioica** (L.) Clairv. - red campion. (*Lychnis dioica* L.) MD, VA. Waif.


- **latifolia** Poir. - white campion, white-cockle, evening lychnis. (*Lychnis alba* Mill., *S. pratensis* (Rafn.) Godr. & Gren.) DC, MD, VA. Naturalized.

- **nivea** (Nutt.) Muhl. ex Otth - snowy campion. (*S. alba* Muhl.) DC, MD, VA.

- **nociflora** L. - night-flowering catchfly, sticky-cockle. DC, MD. Naturalized.

- **stellata** (L.) Aiton - starry campion, widow's-frill. DC, MD, VA.

Spergula


*Spergularia*

*marina* (L.) Griseb. - salt-marsh sand-spurrey.  *(S. salina J. & C. Presl [perhaps the correct name])*  
MD, VA: Richmond Co. (Atlas).


*Stellaria*


*graminea* L. - common stitchwort.  *(Alsine graminea (L.) Britton) DC, MD, VA. Naturalized.*

*longifolia* Muhl. ex Willd. - long-leaved stitchwort.  *(Alsine longifolia (Muhl. ex Willd.) Britton) DC, MD, VA.*


*media* (L.) Vill. - common chickweed.  *(Alsine media L., S. neglecta Weihe) DC, MD, VA. Naturalized.*

*pubera* Michx. - star chickweed.  *(Alsine pubera (Michx.) Britton) DC, MD, VA.*

*Vaccaria*


**CELASTRACEAE The Staff-tree Family**

*Celastrus*


*scandens* L. - American bittersweet.  DC, MD, VA.

*Euonymus*


*americanus* L. - strawberry-bush.  DC, MD, VA.

*atropurpureus* Jacq. - wahoo, burning-bush.  DC, MD, VA.
Euonymus  - cont.

europaeus L. - European spindle-tree.  **MD**: Prince George's Co., Beltsville (Terrell et al. 1999). Possibly planted, according to Terrell et al.


CERATOPHYLLACEAE The Hornwort Family

Ceratophyllum
demersum L. - coontail, hornwort.  **DC, MD, VA**.

echinatum A. Gray - hornwort, coontail.  (C. muricatum Cham., misapplied)  **MD, VA**: Fairfax Co. (Atlas).

CHENOPODIACEAE The Goosefoot Family

Atriplex

elegans (Moq.) D. Dietr. - (A. elegans var. thornberi M.E. Jones, A. thornberi (M.E. Jones) Standl.)  **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from southwest.

hortensis L. - orache, garden orache, mountain-spinach.  (A. nitens Schkuhr)  **MD**: Baltimore City & County (Reed 1964). Waif.

patula L. - spearscale.  (A. hastata of H&S (= ?A. prostrata Boucher ex DC.))  **DC, MD, VA**.

rosea L. - red orache.  **MD**: Canton, Baltimore City (C.C. Plitt s.n., 1901). Waif.

Chenopodium
album L. - lamb's-quarters, pigweed.  (C. lanceolatum Muhl. ex Willd.)  **DC, MD, VA**. Naturalized.

ambrosioides L. - Mexican-tea, wormseed.  **DC, MD, VA**. Naturalized.


botrys L. - Jerusalem-oak, feather-geranium  **DC** (Ward 1881, p. 107),  **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

carnulosum Moq. - pigweed.  **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.
Chenopodium - cont.

**glium L.** - oak-leaved goosefoot. (*C. salinum* Standl.) **MD:** Baltimore City, Canton, manganese ore piles (Reed 1964); Montgomery Co. (*C.V. Piper s.n.*, 1920), **VA:** Alexandria (*Vasey & Coville s.n.*, 1888). Waif.

**leptophyllum** (Moq.) Nutt. ex S. Watson - narrow-leaved goosefoot. **MD:** Prince George's Co., Beltsville (Terrell et al. 1999); St. Mary's Co., Piney Point (*Vasey s.n.*, 1874). Waif.

**macropurum** Hook. f. - pigweed. (*C. farinosum* (S. Watson) Standl.) **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

**mure L.** - nettle-leaved goosefoot. **DC, MD** (inferred from B&B 1984), **VA:** Alexandria (*Vasey & Coville s.n.*, 1888). Waif.

**opulifolium** Schrad. ex Koch & Ziz - maple-leaved pigweed. (*C. viride* L.) **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.


**standleyanum** Aellen - woodland goosefoot, Standley's goosefoot. (*C. boscianum* Moq., misapplied, *C. hybridum* L. var. *standleyanum* (Aellen) Fernald) **DC** (A.S. Hitchcock 15787, 1917), **VA.** See also *C. berlandieri*, which probably passes under this species in the Atlas.

**vulvaria** L. - stinking goosefoot. **DC:** "USDA“ (*C.F. Wheeler s.n.*, 1903), **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

**Dysphania**

**plantaginella** F. Muell. - **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from Australia.

**Kochia**


**Polycnemum**

**majus** A. Braun - **MD:** Baltimore City, Canton, manganese ore piles (Reed 1964). Waif.

**Salicornia**

**bigelovii** Torr. - dwarf saltwort, dwarf glasswort. **VA:** Westmoreland Co. (FJH 1946). No specimens: status?

**europaea** L. - samphire, chickenclaws, pigeonfoot. (*S. herbacea* (L.) L.) **MD, VA:** Northumberland Co. (Atlas). Some American diploids of this species have been described as separate species, *S. maritima* S.L. Wolff and Jefferies (Wolff & Jefferies 1987).

**virginica** L. - perennial glasswort, woody glasswort. **VA:** Lancaster Co. (*L.B. Smith 5571*, 1951).

**Salsola**

**kali** L. - saltwort, Russian-thistle. **DC, MD, VA** (Atlas).
Suaeda

CISTACEAE The Rockrose Family

Helianthemum
bicknellii Fernald - frostweed. MD, VA.
canadense (L.) Michx. - frostweed. DC, MD, VA.
propinquum E.P. Bicknell - MD, VA.

Hudsonia
tomentosa Nutt. - wooly beach-heath, wooly hudsonia, wooly false heather. VA: Lancaster Co. (L.F. Ewing 1378, 1941); Northumberland Co. (Atlas).

Lechea
maritima Legg. - beach pinweed. MD, VA.
pulchella Raf. - Leggett's pinweed. (L. leggettii Britton & Hollick) DC, MD, VA.
racemulosa Michx. - pinweed. DC, MD, VA.
tenuifolia Michx. - narrow-leaved pinweed. MD, VA (Atlas).

CLETHRACEAE The White-alder Family

Clethra
alnifolia L. - sweet-pepperbush, coast white-alder. MD, VA (Atlas).

CONVOLVULACEAE The Bindweed Family

Calystegia
Calystegia - cont.

sepium (L.) R. Br. - hedge bindweed, wild morning-glory. \textit{(Convolvulus repens} L., \textit{C. sepium} L.) DC, MD, VA.

spithamaeus L. - low bindweed, upright bindweed. DC, MD, VA.

Convolvulus

arvensis L. - field bindweed. DC, MD, VA (Atlas). Naturalized.

Evolvulus

filipes Mart. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

Ipomoea

coccinea L. - red morning-glory, scarlet-creeper. \textit{(Quamoclit coccinea} (L.) Moench) DC, MD, VA. Escape.

hederacea Jacq. - ivy-leaved morning-glory. DC, MD, VA. Naturalized.

lacunosa L. - small-flowered morning-glory, white morning-glory. DC, MD, VA.


pandurata (L.) G. Mey. - wild potato-vine, wild sweet-potato. DC, MD, VA.

purpurea (L.) Roth - common morning-glory. DC, MD, VA. Naturalized.

quamoclit Choisy - cypress-vine. \textit{(Quamoclit quamoclit} (L.) Britton, \textit{Q. vulgaris} Choisy, \textit{I. "vulgaris Choisy")} DC \textit{(E.S. Steele s.n., 1899), MD} (inferred from B&B 1984 - see \textit{"Ipomoea vulgaris"}). Persisting from cultivation and escaping.

CORNACEAE The Dogwood Family

Cornus

alternifolia L. f. - alternate-leaved dogwood, pagoda dogwood, green osier. MD, VA.

amomum Mill. - silky dogwood, silky cornel, red-willow, knob-styled dogwood. \textit{(C. obliqua} Raf., \textit{C. purpusii} Koehne, \textit{C. sericea} L., misapplied. \textit{C. stolonifera} Michx., misapplied, as in H&S) DC, MD, VA.

florida L. - flowering dogwood. DC, MD, VA. State Tree and Flower of Virginia.

foemina Mill. - southern swamp dogwood, stiff dogwood. \textit{(C. stricta} Lam.) VA (Atlas).


rugosa Lam. - round-leaved dogwood. \textit{(C. circcinata} L'Her.) DC: "Dodge's Mills" (W.P. Conant, 1893).

CRASSULACEAE The Stonecrop Family

Crassula

aquatica (L.) Schönl. - pigmyweed. (Tillaea aquatica L.) MD: Charles Co..

Penthorum

sedoides L. - ditch stonecrop, Virginia stonecrop. DC, MD, VA. Placed in Saxifragaceae by some recent authors.

Sedum


telephioides Michx. - wild live-forever. MD, VA.


ternatum Michx. - three-leaved stonecrop, wild stonecrop. DC, MD, VA.

CUCURBITACEAE The Gourd Family

Citrullus


Ctenolepis

cerasiformis (Stocks) Naudin - (Blastania fimbristipulis Kotschy & Peyr.) MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Cucumis


Cucurbita

foetidissima Kunth - wild pumpkin, Missouri gourd, fetid wild pumpkin. W-B Area (FJH 1946). Waif.


Echinocystis

lobata (Michx.) Torr. & A. Gray - wild cucumber, prickly-cucumber, balsam-apple, wild balsam-apple. (Micrampelis lobata (Michx.) Greene) DC, MD, VA.
Melothria

Sicyos
   *angulatus* L. - bur-cucumber, one-seeded bur-cucumber, star-cucumber. **DC, MD, VA**.

CUSCUTACEAE The Dodder Family

*Cuscuta*

   *compacta* Juss. ex Choisy - compact dodder. **DC, MD, VA**.

   *coryli* Engelm. - hazel dodder. **DC, MD, VA**.

   *gronovii* Willd. ex Schult. - common dodder, Gronovius dodder. **DC, MD, VA**.


   *pentagona* Engelm. - five-angled dodder, field dodder. (*C. arvensis* Beyr. ex Engelm., *C. campestris* Yunck.) **DC, MD, VA**.

   *polygonorum* Engelm. - smartweed dodder. (*C. chlorocarpa* Engelm.) **DC, MD, VA**: Fairfax Co., Langley (*W. Palmer s.n.*, 1902).

DIAPENSIACEAE The Diapensia Family

*Galax*

DIPSACACEAE The Teasel Family

*Dipsacus*


   *sylvestris* Huds. - common teasel, wild teasel, teasel. (*D. fullonum ssp. sylvestris* (Huds.) A.R. Clapham) **DC, MD, VA**. Naturalized. Combined by some (Kartesz 1994, p. 250) with the European *D. fullonum*. 
DROSERACEAE *The Sundew Family*

**Drosera**
- *intermedia* Hayne - spatula-leaved sundew. **MD, VA**: Fairfax Co. (*H.G. Deignan 788, 1945*).

EBENACEAE *The Ebony Family*

**Diospyros**
- *virginiana* L. - persimmon, common persimmon. **DC, MD, VA**.

ELAEAGNACEAE *The Oleaster Family*

**Elaeagnus**

ELATINACEAE *The Waterwort Family*

**Elatine**
- *americana* (Pursh) Arn. - mud-purslane, waterwort. (*E. triandra* Schkuhr) **VA**: Arlington Co., Chain Bridge (H&S); also Atlas.

ERICACEAE *The Heath Family*

**Chamaedaphne**
- *calyculata* (L.) Moench - leatherleaf. **MD**: Anne Arundel Co.
Epigaea
  repens L. - trailing-arbutus, mayflower. DC, MD, VA.

Gaultheria
  procumbens L. - wintergreen, teaberry, checkerberry, mountain-tea. DC, MD, VA.

Gaylussacia
  baccata (Wangenh.) K. Koch - black huckleberry. (G. resinosa (Aiton) Torr. & A. Gray) DC, MD, VA.
  brachycera (Michx.) A. Gray - box huckleberry. MD: Anne Arundel Co..

Kalmia
  angustifolia L. - sheep-laurel, lambkill, dwarf-laurel. DC (E.S. Steele s.n., 1913), MD.
  latifolia L. - mountain-laurel, ivy-laurel, calico-bush. DC, MD, VA. State Flower of Pennsylvania.

Leucothoë
  racemosa (L.) A. Gray - fetterbush, deciduous swamp fetterbush, swamp leucothoe. (Eubotrys racemosa (L.) Nutt.) DC, MD, VA.

Lyonia
  ligustrina (L.) DC. - maleberry. (Xolisma ligustrina (L.) Britton) DC, MD, VA.
  mariana (L.) D. Don - staggerbush. (Andromeda mariana L., Neopieris mariana (L.) Britton, Pieris mariana (L.) Benth. & Hook.) DC, MD, VA.

Oxydendrum
  arboreum (L.) DC. - sourwood, sorrel-tree. VA: near Falls Church (J. Shaw, 1960; ?native); see also Atlas.

Rhododendron
  arborescens (Pursh) Torr. - smooth azalea, sweet azalea, white azalea. (Azalea arborescens Pursh) VA: Fairfax Co., Great Falls (F.V. Coville s.n., 1921); Fauquier Co. (Atlas).
Rhododendron - cont.

periclymenoides (Michx.) Shinners - pinxter-flower, pink azalea, pink-honeysuckle. (Azalea nudiflora Pursh, R. nudiflorum (L.) Torr.) DC, MD, VA.


viscosum (L.) Torr. - swamp azalea, clammy azalea, white swamp azalea, swamp-honeysuckle, white swamp-honeysuckle. (Azalea serrulata Small, A. viscosa L., R. serrulatum (Small) Millais) DC, MD, VA.

Vaccinium

angustifolium Aiton - common lowbush blueberry, low sweet blueberry, sweet blueberry, early low blueberry. (V. lamarckii Camp, V. pensylvanicum Lam.) MD: Lemon's Bridge on Patuxent River, probably Anne Arundel Co. (E. C. Leonard 6557, 1928; see also McAtee, 1930, p. 32).

corymbosum L. - highbush blueberry, swamp blueberry. (V. atrocoecum (A. Gray) A. Heller, V. caesariense Mack., V. fuscatum Aiton) DC, MD, VA.

macrocarpon Aiton - large cranberry. (Oxycoccus macrocarpus (Aiton) Pursh) MD: Anne Arundel Co., Fresh Pond (N. Hotchkiss 7295, 1950).

pallidum Aiton - lowbush blueberry, late lowbush blueberry, hillside blueberry, upland blueberry. (V. serum Ashe, V. vacillans Kalm ex Torr.) DC, MD, VA.

stamineum L. - deerberry, squaw-huckleberry, buckberry. (Polycodium neglectum (L.) Greene, P. stamineum Small, V. neglectum (Small) Fernald) DC, MD, VA.

EUPHORBIACEAE The Spurge Family

Acalypha

gracilens A. Gray - slender three-seeded-mercury, short-stalk copperleaf. DC, MD, VA.


rhomboidea Raf. - common three-seeded-mercury, rhombic copperleaf. (A. virginica L., misapplied.) DC, MD, VA.

virginica L. - Virginia three-seeded-mercury, Virginia copperleaf. (A. digyneia Raf.) DC, MD, VA.

Chrozophora

Croton

**bonplandianus** Baill. - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

**capitatus** Michx. - woolly croton, hogwort. **DC, MD, VA** (Atlas).

**glandulosus** L. - croton, tooth-leaved croton. **MD, VA**.

**monanthogynus** Michx. - prairie-tea. **MD**: Montgomery Co. (E.T. Wherry s.n., 1924; see also B&B 1984), **VA**: Fairfax Co. (Atlas). Waif, from west.


**Euphorbia**

**commutata** Engelm. - wood spurge, tinted spurge. (*Tithymalus commutatus* (Engelm.) Klotzsch & Garcke.) **DC, MD, VA**.


**dentata** Michx. - toothed spurge. (*Poinsettia dentata* (Michx.) Klotzsch & Garcke) **MD, VA**.

**esula** L. - leafy spurge. (*E. intercedens* Podp.) **MD**: Baltimore City, Canton (Reed 1964), W-B Area (FJH 1946). Waif.

**falcata** L. - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.


**herniariifolia** Willd. - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

**hirta** L. - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.


**hyssopifolia** L. - (*Chamaesyce glomerifera* Millsp., *E. glomerifera* (Millsp.) L.C. Wheeler) **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from south.

**hyssopifolia** L. - (*Chamaesyce hyssopifolia* (L.) Small) **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from south.
Euphorbia - cont.

ipecacuanhae L. - wild ipecac, ipecac spurge.  
(E. arundelana Bartlett (US syntype: H.H. Bartlett 1955, 1910, Laurel, MD), 
E. marilandica Greene, Tithymalopsis arundelana (Bartlett) Small, 
T. ipecacuanhae (L.) Small, T. marilandica (Greene) Small)  
DC, MD.

lathyris L. - caper spurge, mole-plant.  

maculata L. - spotted spurge, milk-purslane.  
(Chamaesyce maculata (L.) Small, C. supina (Raf.) Moldenke, 
E. nutans Lag., misapplied., E. supina Raf.)  
DC, MD, VA.

marginata Pursh - snow-on-the-mountain.  
(Dicrophyllum marginatum (Pursh) Klotsch & Garcke)  
DC? (T. Ulke s.n., 1932, Decatur Street dump), 
MD: Montgomery Co., Little Falls (D.L. Topping s.n., 1895), 

nutans Lag. - eyebane.  
(Chamaesyce hypericifolia (L.) Millsp., misapplied, 
C. maculata L., misapplied, 
C. nutans (Lag.) Small, C. presliii (Guss.) Arthur, 
E. hypericifolia L., misapplied, 
E. maculata L., misapplied, 
E. presliii Guss.)  
DC, MD, VA.

polygonifolia L. - seaside spurge.  
(Chamaesyce polygonifolia (L.) Small)  
MD, VA.

prostrata Aiton -  
(Chamaesyce prostrata (Aiton) Small, 
E. chamaesyce L., misapplied.)  
MD: 
Baltimore City, Canton, chrome ore piles (Reed 1964).  

purpurea (Raf.) Fernald - glade spurge, purple spurge.  
(E. darlingtonii A. Gray)  
MD: Carroll Co.  
(L.P. Ditman s.n., 1929); Baltimore Co. (B&B 1984).

spathulata Lam. - blunt-leaved spurge, prairie spurge, wolf's-milk.  
(E. dictyosperma Fisch. & C.A. Mey., 
E. obtusata Pursh, Tithymalus dictyosperma of authors, 
T. obtusatus (Pursh) Klotzsch & Garecke)  
DC, MD, VA.

vermiculata Raf. - hairy spurge.  
(Chamaesyce vermiculata (Raf.) House)  
MD: 
Baltimore City, 
Canton, chrome ore piles (Reed 1964).

Mercurialis

annua L. - herb-mercury.  
DC (E.S. Steele s.n., "About 1900" [1916, see H&S]), 
MD: Baltimore City  
(D.B. Sollers s.n., 1890).  Waif.

Phyllanthus

carolinskiensis Walter - Carolina leaf-flower.  
DC, MD, VA.

Ricinus

communis L. - castor-bean, castor-oil-plant.  
DC: Escape, not persisting.

FABACEAE The Legume Family

Acacia

constricta Benth. - mescat acacia.  
MD: Baltimore City, Canton, chrome ore piles (Reed 1964).  
Waif, from southwest.
Aeschynomene
   americana L. - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

   **virginica** (L.) BSP. - sensitive joint-vetch, northern joint-vetch. **MD, VA**.

Albizia

Amorpha
   fruticosa L. - false indigo. **DC, MD**: Baltimore Co. (W.D. Longbottom 3129, 1992); Prince George’s Co., Beltsville (Terrell et al. 1999), **VA**: Fairfax Co., Mason Neck (*Nicolson et al. 4025, 1967*). Also in cultivation and apparently is only an escape in **MD** (*B&B* 1972).

Amphicarpaea

Apios
   americana Medik. - common groundnut, wild bean. (*Glycine apios* L.) **DC, MD, VA**.

Arachis
   hypogaea L. - peanut. **DC**. Occasional escape, not persisting.

Astragalus
   canadensis L. - Canada milk-vetch, rattle-vetch. (*Astragalus carolinianus* L.) **DC, MD, VA**.

   **distortus** T. & G. - bent milk-vetch, Ozark milk-vetch. **MD**: Montgomery Co. (*O.M. Freeman s.n., 1939*).

   **hamosus** L. - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Baptisia
   australis (L.) R. Br. - blue false indigo. **DC, MD, VA**.

   **tinctoria** (L.) R. Br. ex W. T. Aiton - wild indigo, yellow wild indigo, rattleweed. **DC, MD, VA**.

Cajanus
   cajan (L.) Millsp. - cajan, catjang, catjang pea, pigeon pea, Congo pea. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

   **scarabaeoides** (L.) Thouars - (*Cantharospermum scarabaeoides* (L.) Baill.) **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Centrosema
   virginianum (L.) Benth. - spurred butterfly-pea. **MD, VA**.

Cercis
   canadensis L. - redbud, Judas-tree. **DC, MD, VA**. Genus *Cercis* placed in Caesalpiniaceae by some.
Chamaecrista

*fasciculata* (Michx.) Greene - partridge-pea. (*Cassia chamaecrista* L., misapplied(?), *C. fasciculata* Michx.) **DC, MD, VA.** Genus *Chamaecrista* placed in Caesalpinioideae by some.

*nictitans* (L.) Moench - sensitive-pea, small-flowered partridge-pea. (*Cassia nictitans* L.) **DC, MD, VA.**

Cicer

*arietinum* L. - **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Clitoria

*mariana* L. - butterfly-pea. **DC, MD, VA.**

Coronilla

cretica (L.) Millsp. - **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

varia L. - crown-vetch. **DC, MD, VA.** Escape. Only DC specimen (*P. Fleming 285, 1986*) is from a planting, but species undoubtedly has escaped in DC also.

Crotalaria

*pumila* Ortega - **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from south.

*sagittalis* L. - rattlebox. **DC, MD, VA.**


Cytisus

*scoparius* (L.) Link - Scotch-broom. **DC, MD** (Reed 1964; B&B 1972), **VA** (Atlas). Escape.

Dalea

*brachystachya* A. Gray - (*D. lemmonii* Parry ex A. Gray, *Parosela brachystachya* (Parry ex A. Gray) A. Heller) **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

*carthagenaensis* (Jacq.) F. MacBr. - (*Parosela floridana* Rydb.) **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Desmanthus


Desmodium

*canadense* (L.) DC. - Canada tick-trefoil. (*Meibomia canadensis* (L.) Kuntze) **MD, VA.**

*canescens* (L.) DC. - hoary tick-trefoil. (*Meibomia canescens* (L.) Kuntze) **DC, MD, VA.**

Desmodium - cont.


laevigatum (Nutt.) DC. - smooth tick-trefoil.  (*Meibomia laevigata* (Nutt.) Kuntze) DC, MD, VA.

marilandicum (L.) DC. - small-leaved tick-trefoil, Maryland tick-trefoil.  (*Meibomia marilandica* (L.) Kuntze) DC, MD, VA.

nudiflorum (L.) DC. - naked-flowered tick-trefoil.  (*Meibomia nudiflora* (L.) Kuntze) DC, MD, VA.

obtusum (Muhl. ex Willd.) DC. - stiff tick-trefoil.  (*D. rigidum* (Elliott) DC., *Meibomia rigida* (Elliott) Kuntze) DC, MD, VA. Not all recent authors are convinced *D. obtusum* and *D. rigidum* are same species (e.g., Gleason & Cronquist 1991).

ochroleucum M.A. Curtis ex Canby - white tick-trefoil.  (*Meibomia ochroleuca* (M.A. Curtis ex Canby) Kuntze) DC. Three 1882 specimens.

paniculatum (L.) DC. - paniced tick-trefoil.  (*Meibomia paniculata* (L.) Kuntze) DC, MD, VA.

pauciflorum (Nutt.) DC. - few-flowered tick-trefoil.  (*Meibomia pauciflora* (Nutt.) Kuntze) DC: Pierce Mill (L.F. Ward s.n., 1878), MD: Harford Co., Conowingo (B&B 1984), VA. Ward's specimen, cited by H&S, is doubtfully this species; identity of both VA specimens also debatable.

rotundifolium DC. - prostrate tick-trefoil, round-leaved tick-trefoil.  (*Meibomia michauxii* Vail, *M. rotundifolia* (DC.) Kuntze) DC, MD, VA.


Desmodium - cont.


**viridiflorum** (L.) DC. - velvety tick-trefoil. (*D. nuttallii* (Schindl.) B.G. Schub., *Meibomia nuttallii* Schindl., *M. viridiflora* (L.) Kuntze) **DC, MD, VA.**

Dolichos


Galactia

**regularis** (L.) Britton - trailing milk-pea. **DC, MD, VA** (Atlas).

**volubilis** (L.) Britton - hairy milk-pea. **DC, MD, VA.**

Galega

**officinalis** L. - goat's-rue. **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Genista

**tinctoria** L. - dyer's greenweed. **DC** (*E.S. Steele s.n., 1913*). Escape.

Gleditsia

**triacanthos** L. - honey-locust. **DC, MD, VA.** Often planted and widely escaped. Probably many of US specimens from planted trees. Genus *Gleditsia* placed in Caesalpiniaceae by some.

Glycine

**max** (L.) Merr. - soybean. (*Glycine soja* Siebold & Zucc.) **MD:** Baltimore City, Canton, ore piles (Reed 1964), **VA:** Fairfax Co. (*H.G. Deignan 1134, 1946*). Escape, not persisting.

Indigofera

**trifoliata** L. - **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Lathyrus

**aphaca** L. - yellow vetchling. **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.


**inconspicuus** L. - **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

**latifolius** L. - everlasting pea, perennial pea. **DC, MD, VA.** Escape.

**palustris** L. - vetchling, marsh pea. (*Lathyrus myrtifolius* Muhl. ex Willd.) **DC ?:** Eastern Branch (3 pre-1900 specimens), **MD:** Harford Co. (*B.W. Steury 980807.2, 1998*), **VA:** Stafford Co. (Atlas).

**sativus** L. - **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

**venosus** Muhl. ex Willd. - veiny pea, forest pea. **DC, MD, VA.**
Lens

culinaris Medik. - lentil. MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Lespedeza

angustifolia (Pursh) Elliott - narrow-leaved bush-clover. MD: Prince George's Co. (E.S. Steele s.n.), VA (Atlas).


capitata Michx. - bush-clover, round-headed bush-clover. DC, MD, VA.
cuneata (Dum. Cours) G. Don - Chinese lespedeza. DC, MD, VA. Naturalized.
hirta (L.) Hornem. - hairy bush-clover. (L. x oblongifolia (Britton) W. Stone) DC, MD, VA.

intermedia (S. Watson) Britton - (L. frutescens (L.) Elliott, misapplied) DC, MD, VA.
x nuttallii Darl. - Nuttall's bush-clover. (L. hirta x intermedia.) DC, MD, VA.

procumbens Michx. - trailing bush-clover. DC, MD, VA.

repens (L.) Barton - creeping bush-clover. DC, MD, VA.

stipulacea Maxim. - Korean clover, Korean lespedeza. (Kummerowia stipulacea (Maxim.) Makino) DC, MD, VA. Naturalized.


stuevei Nutt. - Stueve's bush-clover, velvety lespedeza. DC, MD, VA (Atlas).


violacea (L.) Pers. - violet bush-clover. DC, MD, VA.

virginica (L.) Britton - Virginia bush-clover, slender bush-clover. DC, MD, VA.

Lotus

corniculatus L. - birdsfoot-trefoil. DC, MD, VA. Escape.

Lupinus

perennis L. - wild lupine, sundial lupine. DC, MD, VA.


Medicago

arabica (L.) Huds. - spotted medick. DC (H&S). Waif.

lupulina L. - black medick. DC, MD, VA. Widely naturalized.
Medicago - cont.


orbicularis (L.) Bartal. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

sativa L. - alfalfa. DC, MD, VA. Escape.

scutellata (L.) Mill. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Melilotus


officinalis (L.) Lam. - yellow sweet-clover. DC, MD, VA. Naturalized.

Mimosa


Ononis


repens L. - rest-harrow. MD: Baltimore City (C.C. Plitt s.n., 1898, B. Sollers s.n., 1890). Waif.

Orbexilum


Phaseolus

polystachyos (L.) Britton - wild bean. DC, MD, VA.

vulgaris L. - DC: garbage dump (J.B.S. Norton s.n., 1915). Escape, not persisting.

Pisum

fulvum Sibth. & Sm. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Pueraria

lobata (Willd.) Ohwi - kudzu-vine. (P. thunbergiana (Siebold & Zucc.) Benth.) DC, MD (inferred from B&B 1984), VA. Naturalized. Spreading and very invasive.

Rhynchosia

Rhynchosia - cont.


**Robinia**


**pseudoacacia** L. - black locust. DC, MD, VA.

**Schrankia**


**Senna**

**bauhioides** (A. Gray) H.S. Irwin & Barneby - two-leaved senna. *(Cassia bauhioides* A. Gray) MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from southwest.


**italica** Mill. - two-leaved senna. *(Cassia obovata* Collad.) MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

**marilandica** (L.) Link - southern wild senna. *(Cassia marilandica* L., *C. medsgeri* Shafer) DC, MD, VA.

**obtusifolia** (L.) H.S. Irwin & Barneby - sickle-pod. *(Cassia tora* L., misapplied, *Senna tora* L., Roxb., misapplied) MD: Baltimore City, Canton, chrome ore piles (Reed 1964, as *Cassia tora*), VA (Atlas). Waif. MD specimens may be closely related to *S. tora*.

**Sesbania**

**exaltata** (Raf.) Ryd. ex A.W. Hill - sesban, Colorado River hemp., MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from south or southwest.

**Strophostyles**

**helvula** (L.) Elliott - annual wooly-bean, trailing wild bean. DC, MD, VA.


**umbellata** (Muhl. ex Willd.) Britton - perennial wooly-bean. DC, MD, VA.

**Stylosanthes**

**biflora** (L.) B.S.P. - pencil-flower. *(S. elatior* Sw., *S. riparia* Kearney) DC, MD, VA.
Tephrosia

purpurea (L.) Pers. - (Cracca purpurea L.) MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif. Possibly, this should be T. acutissima Shuttlew. ex Chapman, to which T. purpurea has been misapplied.


virginiana (L.) Pers. - goat's-rue, catgut. (Cracca virginiana L.) DC, MD, VA.

Thermopsis


Trifolium

arvense L. - rabbit-foot clover. DC, MD, VA. Widely naturalized.

aureum Pollich - hop clover, palmate hop clover, yellow clover. (T. agrarium L., in part, perhaps misapplied) DC, MD, VA. Widely naturalized.

campestre Schreb. - low hop clover, pinnate hop clover. (T. procumbens L., misapplied) DC, MD, VA. Widely naturalized.

dubium Sibth. - small hop clover, low hop clover. DC, MD, VA. Widely naturalized.

hybridum L. - alsike clover. DC, MD, VA. Widely naturalized.

incarnatum L. - crimson clover. DC, MD, VA. Escape.


pratense L. - red clover. DC, MD, VA. Widely naturalized.

reflexum L. - buffalo clover. DC, MD, VA.

repens L. - white clover. DC, MD, VA. Widely naturalized.


virginicum Small ex Small & Vail - Kate's Mountain clover, shale-barren clover. VA (Atlas).

Trigonella

caeulea (L.) Ser. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.


monspeliaca L. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

polycarpa Boiss. ex Heldr. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

Vicia

caroliniana Walter - pale vetch, wild vetch, wood vetch. DC, MD, VA.
Vicia - cont.

**cracca** L. - bird vetch, tufted vetch, Canada-pea. **MD**: Baltimore Co. (?), Oakland *(J.D. Smith s.n., 1884), VA (Atlas)*. Naturalized.


**faba** L. - broad-bean. **MD**: Prince George's Co., Hyattsville *(Mrs. E.S. Steele s.n., 1907)*. Waif.


**narbonensis** L. - narbonne vetch, French vetch. **DC**: Chevy Chase Circle *(A.K. Fisher s.n., 1900), MD**: Chevy Chase Lake *(Maxon & Standley 299, 1916)*. Waif. Both specimens as *V. onobrychioides* L.; see also B&B *(1984)*.

**peregrina** L. - **MD**: Baltimore City, Canton, chrome ore piles *(Reed 1964)*. Waif.

**sativa** L. - common vetch, spring vetch. *(Including V. angustifolia L.)* **DC, MD, VA**. Naturalized.

**tetrasperma** (L.) Schreb. - four-seed vetch. **DC, MD, VA**. Naturalized.

**villosa** Roth - hairy vetch. *(Including V. dasycarpa Ten.)* **DC, MD, VA**. Naturalized.

**Vigna mungo** (L.) Hepper - urd, black gram. *(Phaseolus mungo L.)* **MD**: Baltimore City, Canton, chrome ore piles *(Reed 1964)*. Waif.

**unguiculata** (L.) Walp. - cow-pea, black-eyed-pea. *(V. catjang (L.) Walp. ex L., V. sinensis (L.) Savi ex Hassk.)* **DC, MD** (inferred from B&B 1984), **VA**. Escape, not persisting.

**Wisteria**


**sinensis** (Sims) DC. - Chinese wisteria. *(Rehsonia sinensis (Sims) Stritch)* **DC** *(P. Fleming 1373, 1992), VA (Atlas)*. Escape.

**FAGACEAE The Beech Family**

**Castanea**

**dentata** (Marshall) Borkh. - chestnut, American chestnut. **DC, MD, VA**.
Castanea - cont.

pumila Mill. - chinquapin. DC, MD, VA. C. x neglecta Dode (P.G. Russell s.n., 1916 (MD); H.A. Allard 12367, 1947 (VA); see also Nixon 1997) is C. dentata × pumila.

Fagus

grandifolia Ehrh. - beech, American beech. DC, MD, VA.

Quercus


alba L. - white oak. DC, MD, VA. Including Q. x bernardiensis in sense of FJH, not W. Wolf - Q. alba x stellata) and Q. x saulei C.K. Schneid. (Q. alba x montana); both hybrids collected in DC, MD, VA. State Tree of Maryland.

bicolor Willd. - swamp white oak. DC, MD, VA.

coccinea Münchh. - scarlet oak. DC, MD, VA. State Tree of District of Columbia.

falcata Michx. - Spanish oak, southern red oak. (Q. rubra in sense of H&S, some other authors.) DC, MD, VA. Including Q. x incomita Palmer (Q. falcata × marilandica) in W-B Area according to FJH (1946), but there are no US specimens.

ilicifolia Wangenh. - scrub oak, bear oak. MD, VA.

imbricaria Michx. - shingle oak. DC, MD, VA. Frequently hybridizes with Q. velutina to form Q. x leana Nutt., collected in DC, MD, VA.

lyrata Walter - overcup oak. MD, VA.

macrocarpa Michx. - bur oak, mossy-cup oak. DC (Steele 1901, p. 60), VA: Cameron Run (Ward 1881a). Old literature reports not documented by specimens. Sometimes planted (as noted by H&S) but doubtful if naturalized in the area.

marilandica (L.) Münchh. - blackjack oak. DC, MD, VA. Including Q. x bushii Sarg. (Q. marilandica × velutina) (Simmons et al. 1995) and Q. x rudkinii Britton (Q. marilandica x phellos) (see US collections), both known from VA. Many US specimens appear to be hybrids with other species.

michauxii Nutt. - swamp chestnut oak, basket oak. (Q. prinus L., in part (cf. Q. montana)) MD, VA. Difficult to distinguish from Q. montana without acorns and often confused with it.

montana Willd. - chestnut oak, mountain chestnut oak, rock chestnut oak. (Q. x bernardiensis W. Wolf. (Q. montana × stellata)) DC, MD, VA. Often called Q. prinus, a confused name (Nixon & Muller 1997).

muhlenbergii Engelm. - yellow oak, chestnut oak, chinquapin oak. (Q. acuminata (Michx.) Sarg., Q. prinoides var. acuminata (Michx.) Gleason) DC, MD, VA.

Quercus - cont.

pagoda Raf. - swamp Spanish oak, cherrybark oak. *(Q. falcata var. pagodifolia* Elliott) VA: King George Co. (Simmons et al. 1995).

palustris Münchh. - pin oak. DC, MD, VA.

phellos L. - willow oak. DC, MD, VA. Frequently hybridizes with *Q. rubra* to form *Q. x heterophylla* F. Michx., known from DC, MD, VA.

prinoides Willd. - chinquapin oak, dwarf chestnut oak, scrub chestnut oak. DC, MD, VA (Atlas).

rubra L. - northern red oak. *(Q. borealis* F. Michx., *Q. maxima* (Marshall) Ashe) DC, MD, VA.

shumardii Buckley - Shumard oak. MD (inferred from B&B 1972), VA (Atlas).


velutina Lam. - black oak. DC, MD, VA.

FUMARIAEAE *The Fumitory Family*

**Adlumia**


**Corydalis**

flavula (Raf.) DC - yellow fumewort, pale corydalis, yellow corydalis, short-spurred corydalis. *(Capnoides flavulum* (Raf.) Kuntze) DC, MD, VA.


**Dicentra**

canadensis (Goldie) Walp. - squirrel-corn. *(Bicuculla (Bikukulla) canadensis* (Goldie) Millsp.) MD, VA.

**Fumaria**


**Hypecoum**

pendulum L. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.
GENTIANACEAE  The Gentian Family

Bartonia
  paniculata (Michx.) Muhl. - screw-stem.  DC, MD, VA.
  virginica (L.) B.S.P. - yellow bartonia.  DC, MD, VA (Atlas).

Centaurium
  pulchellum (Sw.) Druce - branching centaury.  (Erythraea pulchella (Sw.) Hayek) MD: St. Mary's Co. (E. Cohen J, 1994). Naturalized.

Gentiana
  andrewsii Griseb. - closed gentian, bottle gentian, prairie closed gentian, prairie bottle gentian.  MD (B&B 1984), VA. Relationship to G. clausa Raf. in Washington-Baltimore Area needs study.

  saponaria L. - soapwort gentian.  DC, MD, VA.
  villosa L. - striped gentian, Sampson's-snakeroot.  (G. ochroleuca Froel.) DC, MD, VA.

Gentianopsis
  crinita (Froel.) Ma - fringed gentian.  (G. crinita Froel.) MD: Baltimore Co., Soldier's Delight.

Obolaria
  virginica L. - pennywort.  DC, MD, VA.

Sabatia
  angularis (L.) Pursh - common marsh-pink, rose-pink, bitter-bloom  DC, MD, VA.
  campanulata (L.) Torr. - slender marsh-pink.  VA: Arlington and Fairfax cos..
  stellaris Pursh - annual sea-pink, marsh-pink.  MD, VA.

GERANIACEAE  The Geranium Family

Erodium
  cicutarium (L.) L’Her. ex Aiton - heron's-bill, stork's-bill, red-stem filaree.  DC, MD, VA. Naturalized.
Geranium


carolinianum L. - Carolina cranesbill. DC, MD, VA.
columbinum L. - long-stalked cranesbill, dove’s-foot. DC, MD, VA. Naturalized.


maculatum L. - wild geranium, wild cranesbill. DC, MD, VA.

rotundifolium L. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

HALORAGACEAE The Water-milfoil Family

Myriophyllum


heterophyllum Michx. - variable water-milfoil. VA: Deep Creek, King George or Lancaster Co.? (E.B. Harger s.n., 1900).


Proserpinaca

colus L. - mermaid-weed. DC, MD, VA.

pectinata Lam. - coastal plain mermaid-weed, cut-leaved mermaid-weed. MD: Calvert or Carroll Co., Chesapeake Beach (F.W. Pennell 2526, 1910), VA: King George Co. (Atlas).
HAMAMELIDACEAE The Witch-hazel Family

Hamamelis

virginiana L. - witch-hazel. DC, MD, VA.

Liquidambar

styraciflua L. - sweet-gum, red-gum. DC, MD, VA.

HIPPOCASTANACEAE The Horse-chestnut Family

Aesculus


HYDROPHYLLACEAE The Waterleaf Family

Ellisia

nyctelea L. - water-pod, ellisia (Nyctelea ambiguа (Nutt.) Standl.) DC, MD, VA.

Hydrophyllum

canadense L. - broad-leaved waterleaf, maple-leaved waterleaf. MD, VA.

virginianum L. - Virginia waterleaf, eastern waterleaf. DC, MD, VA.

Nama

hispidum A. Gray - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from west.

Nemophila


Phacelia

dubia (L.) Trel. - small-flowered phacelia, Appalachian phacelia. DC, MD, VA.

purshii Buckley - Miami-mist, Pursh's phacelia. DC (T.H. Kearney s.n., 1897), MD, VA: Arlington Co. (T. Holm s.n., 1890). Many specimens from MD.

ranunculacea (Nutt.) Constance - Coville's phacelia, buttercup phacelia. (P. covillei S. Watson (Isotype: F.V. Coville s.n., 1889, Larkspur Island [Montgomery Co., MD], US42482)) DC, MD, VA.

HYPERICACEAE The St. John's-wort Family

Hypericum

canadense L. - Canadian St. John's-wort. (H.x dissimulatum E.P. Bicknell) DC, MD, VA.
Hypericum - cont.


densiflorum Pursh - glade St. John's-wort. **DC, MD, VA**.

denticulatum Walter - coppery St. John's-wort. **MD Prince George's Co., Laurel (McAtee 1930, p. 30)**.

gentianoides (L.) B.S.P. - orange-grass, pineweed. (*Sarothra gentianoides* L.) **DC, MD, VA**.


hypericoides (L.) Crantz - St. Andrew's-cross. (*Ascyrum hypericoides* L., *H. stragulum* P.B. Adams & N. Robson) **DC, MD, VA**.

mutilum L. - small-flowered St. John's-wort, dwarf St. John's-wort. (*H. majus* (Gray) Brittt.) **DC, MD, VA**.

perforatum L. - common St. John's-wort. **DC, MD, VA**. Naturalized.

prolificum L. - shrubby St. John's-wort. (*H. spathulatum* (Spach) Steud.) **DC, MD, VA**.

punctatum Lam. - dotted St. John's-wort, spotted St. John's-wort. (*H. denticulatum* Walter, misapplied) **DC, MD, VA**.

**Triadenum**


**JUGLANDACEAE The Walnut Family**

**Carya**


laciniosa (F. Michx.) Loudon - shellbark hickory, kingnut. (*Hicoria laciniosa* (F. Michx.) Sarg.) **DC: Rock Creek Park (P. Fleming 1253, 1989), VA: Fairfax Co. (Atlas)**. **DC tree possibly planted.**
Carya - cont.


tomentosa (Poiret) Nutt. - mockernut, mockernut hickory. (*C. alba* (L.) K. Koch, in part (confused name, see Stone 1997), *Hicoria alba* (L.) Britton) **DC, MD, VA**.

Juglans

cinerea L. - butternut, white walnut. **DC, MD, VA**.

nigra L. - black walnut. **DC, MD, VA**.

LAMIACEAE *The Mint Family*

Agastache

napetoides (L.) Kuntze - yellow giant-hyssop, catnip giant-hyssop. **DC, MD, VA**.


Ajuga


Ballota


Blephilia


Collinsonia

canadensis L. - richweed, horse-balm, citronella. **DC, MD, VA**.

Cunila

origanoides (L.) Britton - dittany. (*C. mariana* L.) **DC, MD, VA**.

Dracocephalum

Glechoma
 hederacea L. - gill-over-the-ground, ground-ivy.  DC, MD, VA. Naturalized.

Hedeoma

 pulegioides (L.) Pers. - American pennyroyal, pennyroyal. DC, MD, VA.

Isanthus
 brachiatus (L.) B.S.P. - false pennyroyal. (Trichostema brachiatum L.) DC (L.F. Ward s.n., 1877), 
 MD: Frederick Co. (E. Baltars 182, 1949), VA.

Lamiastrum

Lamium
 amplexicaule L. - henbit. DC, MD, VA. Naturalized.


 purpureum L. - purple dead-nettle, red dead-nettle. (L. hybridum Vill., misapplied) DC, MD, VA. 
 Naturalized.

Leonurus
 cardiaca L. - common motherwort, motherwort. DC, MD, VA. Naturalized.

 Waif.

Lycopus
 americanus Muhl. - water-horehound, American water-horehound, cut-leaved water-horehound. DC, 
 MD, VA.


 europaeus L. - marsh horehound, European water-horehound. MD. Naturalized.

 rubellus Moench - stalked water-horehound. DC, MD: Montgomery Co., Plummers Island (E.P. Killip 
 32156, 1937), VA.

 x sherardii E.S. Steele (=Lycopus virginicus x L. uniflorus) - Sherard's water-horehound. DC, MD, 
 VA.

 uniflorus Michx. - northern bugleweed, northern water-horehound. DC?: "Kenilworth Swamp" (E.S. 
 Steele s.n., 1897), MD, VA.

 virginicus L. - bugleweed, Virginia bugleweed, Virginia water-horehound. DC, MD, VA.

Marrubium
 vulgare L. - horehound, common horehound. DC (L.F. Ward s.n., 1876), MD. Escape.
Melissa

officinalis L. - common-balm, garden-balm, lemon-balm. DC, MD, VA. Escape.

Mentha


arvensis L. - field mint, wild mint. (M. canadensis L.) DC, MD, VA. American plants perhaps should be treated as M. canadensis L. (see Kartesz 1994, p. 347).


x gracilis Sole (=M. arvensis x M. spicata) - small-leaved mint, red mint, Scotch mint. (M. cardiaca J. Gerard ex Baker, M. x gentilis L., misapplied) DC, MD, VA. Escape.


piperita L. (=M. aquatica x M. spicata) - peppermint. (M. crispa L.) DC, MD, VA. Naturalized.


rotundifolia (L.) Huds. (=M. longifolia xM. suaveolens Ehrh.) - roundleaf mint. DC (E.S. Steele 1901, p. 77), MD: Baltimore City (E. Baltars 636, 1955; see also Reed 1964), VA: Fauquier Co. (Atlas). Waif. Perhaps this hybrid and M. longifolia belong to M. suaveolens Ehrh.

spicata L. - spearmint. (M. viridis L.) DC, MD, VA. Naturalized.

Monarda

clinopodia L. - basil-balm, basil bee-balm. DC, MD, VA.


fistulosa L. - wild bergamot. (M. mollis L.) DC, MD, VA.


punctata L. - horsemint. DC, MD, VA.

Nepeta

cataria L. - catnip. DC, MD, VA. Naturalized.

Ocimum


Origanum

vulgare L. - wild marjoram. MD. Waif.
Perilla

frutescens (L.) Britton - perilla, beefsteak-plant, perilla-mint. DC, MD, VA. Naturalized.

Physostegia


Prunella

laciniata (L.) L. - DC (F.V. Coville s.n., 1890). Waif.

vulgaris L. - heal-all, selfheal, carpenter-weed. DC, MD, VA.

Pycnanthemum


incanum (L.) Michx. - hoary mountain-mint. (Koellia incana (L.) Kuntze, P. loomisii Nutt., misapplied, P. pycnanthemoideas (Leavenw.) Fernald, misapplied) DC, MD, VA.

muticum (Michx.) Pers. - blunt mountain-mint. (Koellia mutica (Michx.) Kuntze) DC, MD, VA (Atlas).

setosum Nutt. - awned mountain-mint. (Koellia aristosa (Michx.) Kuntze, P. aristatum Michx.) W-B Area (H&S, FJH 1946). Probably not in area (see H&S).

tenuifolium Schrad. - narrow-leaved mountain-mint. (Koellia flexuosa (Walter) MacMill., misapplied, P. flexuosum (Walter) B.S.P., misapplied, P. linifolium Pursh) DC, MD, VA.

torreyi Benth. - Torrey's mountain-mint. (P. verticillatum (Michx.) Pers., misapplied) DC, MD, VA (P. Dowell 6305, 1910). One VA specimen.


Salvia

*lyrata* L. - lyre-leaved sage, wild sage.  DC, MD, VA.


*urticifolia* L. - nettle-leaved sage.  DC, MD (B&B 1984), VA. B&B inclusion of W-B Area probably based on FJH 1946, leaving presence of this species in the MD sector unconfirmed.


Satureja

*calamintha* (L.) Scheele - basil-thyme.  (Calamintha nepeta (L.) Savi, Clinopodium nepeta (L.) Kunze, S. nepeta (L.) Scheele) DC, MD, VA. Naturalized.

*vulgaris* (L.) Fritsch. - basil, wild basil, field basil.  (Clinopodium vulgare L.) DC, MD, VA.

Scutellaria

*elliptica* Muhl. ex Spreng. - hairy skullcap.  (S. ovalifolia Pers., S. pilosa Michx., misapplied) DC, MD, VA.

*galericulata* L. - marsh skullcap, common skullcap.  (S. epilobiifolia A. Ham.) MD (B&B 1984). FJH 1946 and B&B reports perhaps based only on Brereton's list (1830), mentioned by H&S; locality unspecified.

*incana* Biehler - downy skullcap.  MD: Montgomery Co., Glen Echo. Two old collections (1892, 1896).

*integrifolia* L. - large-flowered skullcap, larger skullcap, hyssop skullcap.  DC, MD, VA.

*lateriflora* L. - mad-dog skullcap.  DC, MD, VA.

*nervosa* Pursh - veined skullcap.  DC, MD, VA.

*ovata* Hill - heart-leaved skullcap, forest skullcap.  VA: Fairfax Co. Two old collections (1915, 1916).

*parvula* Michx. - small skullcap, little skullcap.  (S. ambigua Nutt., S. australis (Fassett) Epling, S. leonardii Epling) DC, MD, VA.

*saxatilis* Riddell - rock skullcap.  MD, VA.

*serrata* Andrews - showy skullcap, Allegheny skullcap.  DC, MD, VA.

Stachys

*aspera* Michx. - rough hedge-nettle.  (S. ambigua (Gray) Britton) DC, MD, VA. Sometimes united with *S. hyssopifolia*, as, apparently, in Atlas.

Stachys - cont.


**longispicata** Boiss. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.


**palustris** L. - woundwort, marsh woundwort, hedge-nettle. DC, MD.


**tenuifolia** Willd. - common hedge-nettle, smooth hedge-nettle. (*S. hispida* Pursh) DC, MD, VA.

Teucrium

**canadense** L. - American germander, American wood-sage. DC, MD, VA.

**laciniatum** Torr. - cutleaf germander. MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from west.

Thymus


Trichostema

**dichotomum** L. - blue-curls. DC, MD, VA.


LARDIZABALACEAE *The Lardizabala Family*

Akebia

**quinata** (Houtt.) Decne. - five-leaf akebia, chocolate-vine. DC, MD (B&B 1972), VA (Atlas). Escape.

LAURACEAE *The Laurel Family*

Lindera

**benzoin** (L.) Blume - spicebush. (*Benzoin aestivale* (L.) Nees) DC, MD, VA.
Sassafras

albidum (Nutt.) Nees - sassafras, white sassafras. (S. varifolium (Salisb.) Kuntze.) **DC, MD, VA.**

LENTIBULARIACEAE The Bladderwort Family

Utricularia

cornuta Michx. - horned bladderwort, naked bladderwort. **MD:** Anne Arundel Co. (*Hotchkiss & Leonard 21298, 1960).*

geminiscapa Benj. - hooded milfoil, mixed bladderwort. (U. clandestina Nutt.) **MD.**

gibba L. - humped bladderwort, creeping bladderwort. (U. biflora Lam.) **DC, MD, VA.**

juncea Vahl- rush bladderwort, rushlike bladderwort. (Stomoisía juncea (Vahl) Barnhart, S. virgatula (Barnhart) Barnhart, U. virgatula Barnhart) **MD:** Suitland Bog, Prince George's Co.

subulata L. - zig-zag bladderwort, slender bladderwort. (Setiscapella cleistogama (A. Gray) Barnhart, S. subulata (L.) Barnhart, U. cleistogama (A. Gray) Britton) **DC:** Reservoir (*E.S. Steele s.n., 1899), **MD.**

vulgaris L. - common bladderwort. (U. macrorhiza Leconte) **DC, MD:** coastal plain (inferred from B&B 1984), **VA.**

LIMNANTHACEAE The Meadow-foam Family

Floerkea

proserpinacoides Willd. - false mermaid. **MD, VA.**

LINACEAE The Flax Family

Linum

floridanum (Planch.) Trel. - coastal plain yellow flax, Florida yellow flax **DC (G. Vasey s.n., 1884), MD (B&B 1984), VA: Fairfax Co. (*E.H. Walker 3554, 1942).*

intercursum E.P. Bicknell - Bicknell's yellow flax **DC, MD:** Prince George's Co. (*C.M. Rogers 12205, 1959), **VA.**

medium (Planch.) Britton - common yellow flax, stiff yellow flax **DC, MD, VA.**

striatium Walter - ridged yellow flax **DC, MD, VA.**

sulcatum Riddell - grooved yellow flax **MD:** Baltimore Co., Soldier's Delight (*I.T. Isanogle 2, 1949).*

usitatissimum L. - common flax **DC, MD, VA.** Waif.

virginianum L. - Virginia yellow flax, wild yellow flax **DC, MD, VA.**
LOBELIACEAE The Lobelia Family

Lobelia

cardinalis L. - cardinal-flower. DC, MD, VA.
inflata L. - Indian-tobacco. DC, MD, VA.
puberula Michx. - downy lobelia. DC, MD, VA.
siphilitica L. - great lobelia, great blue lobelia, blue cardinal-flower. DC, MD, VA.
spicata Lam. - spiked lobelia, pale-spke lobelia. DC, MD, VA.

LOGANIACEAE The Logania Family

Gelsemium


Spigelia


LYTHRACEAE The Loosestrife Family

Ammannia

coccinea Rottb. - tooth-cup. (A. teres Raf., in part) MD, VA.


Cuphea

viscosissima Jacq. - blue waxweed, clammy cuphea, tarweed. (C. petiolata (L.) Koehne, Parsonsia petiolata (L.) Rusby) DC, MD, VA.

Decodon

verticillatus (L.) Elliott - swamp loosestrife, water-willow, water-oleander. (Nesaea verticillata HBK.) DC, MD, VA (Atlas).

Lythrum

alatum Pursh - winged loosestrife, wing-angled loosestrife. DC, MD: Montgomery Co., VA.

lineare L. - swamp loosestrife, narrow-leaved loosestrife. MD, VA.

salicaria L. - purple loosestrife. DC, MD: Baltimore City, Canton (Reed 1964); Baltimore Co. (B&B 1984), VA. Naturalized.

Rotala

ramosior (L.) Koehne - tooth-cup. (Ammannia humilis Michx.) DC, MD, VA.
MAGNOLIACEAE *The Magnolia Family*

**Liriodendron**  
* tulipifera* L. - tulip-tree, yellow-poplar, tulip-poplar.  **DC, MD, VA.**

**Magnolia**  
* acuminata* (L.) L. - cucumber-tree.  **MD:** Prince George's Co., Beltsville (Terrell et al. 1999).
* macrophylla* Michx. - bigleaf magnolia, umbrella-tree.  **DC:** Rock Creek Park.  Escape.
* tripetala* L. - umbrella-tree, umbrella magnolia.  **DC:** Rock Creek Park, **MD:** Harford Co. (B&B 1972), **VA** (Atlas).  Probably an escape in Rock Creek Park, but possibly native (cf. McAtee 1930, p. 27; Fleming & Kanal 1995, p. 306).
* virginiana* L. - swamp magnolia, sweet-bay, swamp-bay.  **DC, MD, VA** (Atlas).

MALVACEAE *The Mallow Family*

**Abelmoschus**  
See also Ward (1884, p. 84).

**Abutilon**  

**Alcea**  
* rosea* L. - hollyhock.  (*Althaea rosea* (L.) Cav.)  **DC** (*C. Harrison s.n.*, 1896; see also McAtee 1930, p. 30), **VA** (Atlas).  Escape.

**Althaea**  
* cannabina* L. - **DC** (Holm 1892, p. 110).  Escape.

**Anoda**  
* cristata* (L.) Schltdl. - spurred anoda.  **DC** (*Rose & Hunter s.n.*, 1909), **VA:** Richmond Co. (Atlas).  Waif, east of range.

**Gossypium**  
* herbaceum* L. - Levant cotton.  **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964).  Waif.

**Hibiscus**  
* laevis* All. - halberd-leaved rose-mallow, smooth rose-mallow.  **DC, MD, VA.**
* moscheutos* L. - rose-mallow, swamp rose-mallow.  (*H. palustris* L.)  **DC, MD, VA.**
Hibiscus - cont.

**syriacus** L. - rose-of-Sharon. **DC, MD**: Prince George's Co., Beltsville (Terrell et al. 1999); see also B&B 1972, **VA**. Often persisting and sometimes escaping from cultivation. Most of the several US specimens apparently from persisting shrubs.

**trionum** L. - flower-of-an-hour. **DC, MD, VA**. Naturalized.

*Kosteletzyka*

**virginica** (L.) C. Presl ex A. Gray - seashore-mallow. **MD, VA**.

*Malva*


**neglecta** Wallr. - common mallow, cheeses. *(M. rotundifolia, misapplied) DC, MD, VA*. Naturalized.

**parviflora** L. - little mallow. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Naturalized.

**rotundifolia** L. - dwarf mallow. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964), **VA**: Fauquier Co. (Atlas). Naturalized.

**sylvestris** L. - high mallow. **DC, MD, VA**. Escape.

**verticillata** L. - whorled mallow, curled mallow. *(M. crispa (L.) L.) DC (W. Hunter s.n., 1896). Waif.

*Napaea*

**dioica** L. - glade-mallow, **DC** *(Vasey s.n., 1875; W.H. Seaman s.n., 2 specimens collected before 1915). Not clear whether US specimens were indigenous or introduced. McAtee's report (1930, p. 30) for Great Falls, VA, apparently based on mistaken identification of *Sida hermaphrodita* (L.) Rusby.

*Sida*

**cordata** (Burm. f.) Borss.-Waalk. - *(S. humilis Cav. var. veronicifolia Lam.) MD*: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

**hermaphrodita** (L.) Rusby - Virginia-mallow, Virginia sida. *(Napaea hermaphrodita L., S. napaea Cav.) DC, MD, VA*: Fairfax Co. *(Spooner, Thomas & Abercrombe 2166, 1982).

**rhombifolia** L. - arrowleaf sida. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

**spinosa** L. - false mallow, prickly-mallow, prickly sida. *(S. angustifolia Lam., misapplied) DC, MD, VA*.

*Sphaeralcea*

**angustifolia** (Cav.) G. Don - narrowleaf globe-mallow. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from west.
MELASTOMATACEAE *The Melastome Family*

*Rhexia*

*mariana* L. - meadow-beauty, Maryland meadow-beauty, dull meadow-pitchers. (*R. ventricosa* Fernald & Griscom) DC, MD, VA.

*virginica* L. - meadow-beauty, deer-grass, wingstem meadow-pitchers. DC, MD, VA.

MENISPERMACEAE *The Moonseed Family*

*Menispermum*

*canadense* L. - moonseed. DC, MD, VA.

MENYANTHACEAE

*Menyanthes*


*Nymphoides*


*peltata* (S.G. Gmel.) Kuntze - yellow floating-heart. DC. Escape. Well-established in fish ponds, Potomac Park, in 1890s, but site subsequently destroyed.

MOLLUGINACEAE *The Carpetweed Family*

*Mollugo*

*verticillata* L. - carpetweed. DC, MD, VA. Traditionally placed in Aizoaceae.

MONOTROPACEAE *The Indian-pipe Family*

*Monotropa*

*hypopitys* L. - pinesap. (*Hypopitys hypopitys* (L.) Small, *H. lanuginosa* (Michx.) Nutt., *M. hypopitys* as published) DC, MD, VA.

*uniflora* L. - Indian-pipe. DC, MD, VA.

*Monotropsis*


MORACEAE *The Mulberry Family*

*Broussonetia*

*papyrifera* (L.) Vent. - paper-mulberry. (*Papyrius papyrifer* (L.) Kuntze) DC, MD, VA. Naturalized.
Ficus
carica L. - common fig.  DC, VA: Alexandria (C.L. Pollard s.n., 1897).  Long persisting from
cultivation and escaping.

Maclura
pomifera (Raf.) C.K. Schneid. - Osage-orange.  (M. aurantica Nutt., Toxylon pomiferum Raf. ex Sarg.)
DC, MD, VA.  Common escape; introduced from south-central states.

Morus
alba L. - white mulberry, silkworm mulberry.  DC, MD, VA.  Common escape.
rubra L. - red mulberry.  DC, MD, VA.

MYRICACEAE The Bayberry Family

Comptonia
(McAtee 1930, p. 43), VA (Atlas).  Sometimes planted, as in Fisher Garden, "Mainland,"
Plummers Island, MD (E.P. Killip 31269, 1934).

Myrica
cerifera L. - wax-myrtle, candleberry.  MD, VA.

heterophylla Raf. - evergreen bayberry, southern bayberry, myrtle.  VA: King George Co. (Atlas).

pensylvanica Loisel. - northern bayberry, candleberry.  (M. caroliniensis, misapplied) DC, MD.

NELUMBONACEAE The Lotus-lily Family

Nelumbo
lutea (Willd.) Pers. - American lotus, American lotus-lily, yellow lotus, water-chinquapin.  (N.
pentapetala (Walter) Fernald) MD, VA.  Sometimes included in Nymphaeaceae.

NYCTAGINACEAE The Four-o’clock Family

Boerhavia
coccinea Mill. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964).  Waif, from tropics.

erecta L. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964).  Waif, from tropics.

Mirabilis

nyctaginea (Michx.) MacMill. - heart-leaved umbrellawort.  (Allionia nyctaginea Michx., Oxybaphus
nyctagineus (Michx.) Sweet) DC, MD, VA (Atlas).  Adventive, from west.
NYMPHAEACEAE *The Water-lily Family*

**Nuphar**

**Nymphaea**

NYSSACEAE *The Black-gum Family*

**Nyssa**
- *sylvatica* Marshall - black-gum, sour-gum, pepperidge, black tupelo. *(N. multiflora* Wangenh.) **DC, MD, VA.**

OLEACEAE *The Olive Family*

**Chionanthus**
- *virginicus* L. - fringe-tree, old-man's-beard. **DC, MD, VA.**

**Forsythia**


**Fraxinus**
- *americana* L. - white ash. *(F. biltmoreana* Beadle, *F. pubescens* Lam., misapplied) **DC, MD, VA.**


- *nigra* Marshall - blackash. **DC (A.L. Schott s.n., 1885), MD, VA (Atlas).** The only DC specimen may have been planted. See Allard 1945, p. 82-87.


**Ligustrum**
Ligustrum - cont.


*sinense* Lour. - privet. **VA**. Widely naturalized in VA according to Atlas.


*vulgare* L. - common privet. **DC, MD, VA**. Escape.

Syringa

*vulgaris* L. - lilac. **DC, MD, VA**. Widely persisting from cultivation. Escaping?

ONAGRACEAE *The Evening-primrose Family*

Circaea


*lutetiana* L. - common enchanter's-nightshade. (*C. latifolia* Hill, *C. quadrisulcata* (Maxim.) Franch. & Savigny) **DC, MD, VA**. American plants are all treated as var. *canadensis* L. or ssp. *canadensis* (L.) Asch. & Magnus.

Epilobium

*angustifolium* L. - fireweed, great willow-herb. (*Chamaenerion angustifolium* (L.) Scop.) **DC** (E.S. Steele s.n., 1912), **MD, VA**: Fauquier Co. (H.A. Allard 6769, 1939).


*coloratum* Biehler - eastern willow-herb, purple-leaved willow-herb. **DC** (L.F. Ward 721, 1874), **MD, VA**.

*hirsutum* L. - hairy willow-herb. **MD**: Baltimore City (*E. Baltars 635, 1955; see also Reed 1964); Harford Co. (*E. Baltars 2735, 1960). Naturalized.


Gaura
biennis L. - gaura, biennial gaura. DC, MD, VA.

Ludwigia
alternifolia L. - seedbox, square-pod water-primrose. DC, MD, VA.

decurrens Walter - upright primrose-willow, wingstem water-primrose. (Jussiaea decurrens (Walter) DC.) DC, VA.
hirtella Raf. - hairy ludwigia, Rafinesque's water-primrose. DC Holmead Swamp (Vasey s.n., 1881; L.F. Ward s.n., 1881), MD Prince George's Co. (G.S. Miller s.n., 1898; McAtee 1930, p. 44).

leptocarpa (Nutt.) H. Hara - water-willow. VA Stafford Co. (Strong, Kelloff & Horn 1255, 1994); Atlas.
palustris (L.) Elliott - common water-purslane, marsh-purslane. (Isnardia palustris L.) DC, MD, VA.


Oenothera
biennis L. - common evening-primrose. (O. brevicapsula Bartlett (type from DC area), O. muricata L., O. pycnocarpon G.F. Atk. & Bartlett, O. ruderalis Bartlett (type from DC area), O. stenomeres Bartlett (type from DC area)) DC, MD, VA.

fruticosa L. - sundrops, narrow-leaved sundrops, southern sundrops. (Kneiffia fruticosa (L.) Raim., K. linearis (Michx.) Spach, K. longipedicellata Small, K. tetragona (Roth) Pennell, O. linearis Michx., O. longipedicellata (Small) B.L. Rob., O. tetragona Roth) DC, MD, VA.
laciniata Hill - cut-leaved evening-primrose. (Raimannia laciniata (Hill) Rose) DC, MD, VA.
nutans G.F. Atk. & Bartlett - nodding evening-primrose. (O. biennis subsp. austromontana Munz, O. biennis var. nutans (G.F. Atk. & Bartlett) Wiegand) DC, MD, VA.

parviflora L. - small-flowered evening-primrose, northern evening-primrose. DC, MD, VA (Atlas).

perennis L. - sundrops, little sundrops. (Kneiffia pumila (L.) Spach, O. pumila L.) DC, MD (inferred from B&B 1984), VA.
Oenothera - cont.


OROBANCHACEAE The Broom-rape Family

Conopholis

american (L.f.) Wallr. - squaw-root, cancer-root. DC, MD, VA.

Epifagus

virginiana (L.) Barton - beechdrops. (Leptamnium virginianum (L.) Raf.) DC, MD, VA.

Orobanche

minor Sm. - lesser broom-rape. DC, MD, VA. Naturalized.

uniflora L. - one-flowered cancer-root, cancer-root, one-flowered broom-rape. (Thalesia uniflora (L.) Britton) DC, MD, VA.

OXALIDACEAE The Wood-sorrel Family

Oxalis

corniculata L. - creeping wood-sorrel. (Xanthoxalis corniculata (L.) Small) DC, MD, VA. Naturalized.

dillenii Jacq. - southern wood-sorrel, slender wood-sorrel. (O. filipes Small, O. florida Salisb., O. stricta L., misapplied, Xanthoxalis filipes Small, X. stricta L., misapplied) DC, MD, VA.

grandis Small - great wood-sorrel, big wood-sorrel. (Xanthoxalis grandis (Small) Small) DC, MD, VA: Fairfax Co., Langley (W. Palmer s.n., 1902).

stricta L. - common wood-sorrel, upright wood-sorrel. (O. cymosa Small, O. europaea Jord., O. fontana Bunge, Xanthoxalis cymosa (Small) Small, X. stricta (L.) Small) DC, MD, VA.

violacea L. - violet wood-sorrel. (Ionoxalis violacea (L.) Small) DC, MD, VA.

PAPAVERACEAE The Poppy Family

Argemone


mexicana L. - prickly-poppy, Mexican-poppy, Mexican thorn-poppy. DC, MD, VA. Escape, from south.

Chelidonium

majus L. - celandine, greater celandine. DC, MD, VA. Naturalized.
Glaucium

Papaver
dubium L. - orange poppy, smooth-fruited poppy, long-headed poppy. **DC, MD, VA**. Escape.
rhoeas L. - Shirley poppy, corn poppy. **DC** (*C.C. Parry s.n.*, 1869). Question whether Parry specimen was cultivated or escape.

Platystemon
californicus Benth. - cream-cups. **DC**: Potomac Park (McAtee 1930, p. 27). Waif. One record - along railroad tracks, 1921.

Sanguinaria
canadensis L. - bloodroot. **DC, MD, VA**.

Stylophorum

PASSIFLORACEAE *The Passion-flower Family*

Passiflora

incarnata L. - maypops, passion-flower, apricot-vine. **DC, MD, VA**. Escape from cultivation in immediate DC area; native southward (cf. Atlas).

lutea L. - yellow passion-flower. **DC, MD, VA**.

PEDALIACEAE *The Pedalium Family*

Proboscidea

PHRYMACEAE *The Lopseed Family*

Phryma
PHYTOLACCACEAE The Pokeweed Family

**Phytolacca**

*americana* L. - pokeweed, pokeberry, poke. *(P. decandra* L.) DC, MD, VA.

*bogotensis* Kunth - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

*octandra* L. - *(P. icosandra* L.) MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

PLANTAGINACEAE The Plantain Family

**Plantago**

*aristata* Michx. - bracted plantain, buckhorn, bottle-brush plantain. DC, MD, VA. Naturalized, from the west.


*lanceolata* L. - English plantain, narrow-leaved plantain, ribgrass, buckhorn. DC, MD, VA. Naturalized.

*major* L. - common plantain, broad-leaved plantain, great plantain, Whiteman's-foot. DC, MD, VA. Naturalized.

*pusilla* Nutt. - little plantain, small plantain, slender plantain. DC: Soldier's Home (L.F. Ward s.n., 1883); "near Washington, DC" (F. Tweedy s.n., 1886), MD (inferred from B&B 1984).

*rugelii* Decne. - common plantain, broad-leaved plantain, American plantain. DC, MD, VA.

*virginica* L. - dwarf plantain, hoary plantain, pale-seed plantain. DC, MD, VA.

PLATANACEAE The Plane-tree Family

**Platanus**

*occidentalis* L. - sycamore, buttonwood, American plane-tree. DC, MD, VA.

PLUMBAGINACEAE The Leadwort Family

**Limonium**

*carolinianum* (Walter) Britton - sea-lavender. MD, VA.

PODOSTEMACEAE The Riverweed Family

**Podostemum**

*ceratophyllum* Michx. - riverweed, rifleweed, threadfoot. DC, MD, VA.
POLEMONIACEAE The Phlox Family

Leptodactylon
\[\text{pungens} \text{ (Torr.) Torr. ex Nutt. - prickly-phlox, } \text{MD}: \text{Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.}\]

Phlox
\[\text{carolina} \text{ L. - thick-leaf phlox, } \text{VA}: \text{Fairfax Co. (Atlas).}\]
\[\text{divaricata} \text{ L. - wild blue phlox, forest phlox, } \text{DC, MD, VA.}\]
\[\text{drummondii} \text{ Hook. - Drummond's phlox, MD (inferred from B&B 1984). Waif in W-B Area, according to FJH 1946, but no specimens or bona fide records cited.}\]
\[\text{glaberrima} \text{ L. - smooth phlox, MD: Frederick Co. (B&B 1984).}\]
\[\text{maculata} \text{ L. - wild sweet-William, meadow phlox, DC, MD, VA.}\]
\[\text{paniculata} \text{ L. - summer phlox, garden phlox, fall phlox, perennial phlox, DC, MD, VA. Also often escaping from cultivation.}\]
\[\text{pilosa} \text{ L. - downy phlox, prairie phlox, DC, MD: Montgomery Co., Cabin John (E.T. Wherry s.n., 1929), VA: Fairfax Co., Herndon (J.W. Chickering, Jr., s.n., 1878).}\]
\[\text{subulata} \text{ L. - moss-pink, moss phlox, (P. brittonii Small) MD, VA.}\]

Polemonium
\[\text{reptans} \text{ L. - Greek-valerian, spreading Jacob's-ladder, DC, MD, VA (Atlas).}\]

POLYGALACEAE The Milkwort Family

Polygala
\[\text{cruciata} \text{ L. - cross-leaved milkwort, DC: Brightwood Swamp (E.S. Steele s.n., 1897), MD.}\]
\[\text{curtissii} \text{ A. Gray - Curtiss' milkwort, Appalachian milkwort, DC, MD, VA.}\]
\[\text{incarnata} \text{ L. - pink milkwort, DC, MD, VA.}\]
\[\text{lutea} \text{ L. - orange milkwort, MD, VA: "Sander" (P. Bartsch s.n., 1899). Sander possibly not in VA.}\]
\[\text{mariana} \text{ Mill. - Maryland milkwort, DC, MD, VA.}\]
\[\text{nuttallii} \text{ Torr. & A. Gray. - Nuttall's milkwort, MD. The two specimens but one collection (E.S. Steele s.n., 1899) from "Barren opp. Alexandria" probably from MD side of Potomac R.; reported also for Beltsville, Prince George's Co. (Terrell et al. 1999). Not reported by Atlas for VA sector of W-B Area.}\]
\[\text{paucifolia} \text{ Willd. - fringed polygala, flowering-wintergreen, gay-wings, MD (cf. H&S, B&B 1984). Probably extirpated in W-B Area.}\]
Polygala - cont.

polygama Walter - racemed milkwort. MD, VA. Old collections from Great Falls area, MD and VA, and Notley Hall, Prince George's Co., MD.

sanguinea L. - purple milkwort, rose polygala, blood milkwort. (P. viridescens) DC, MD, VA.

senega L. - Seneca-snakeroot. DC, MD, VA.

verticillata L. - whorled milkwort. (P. ambigua Nutt.) DC, MD, VA.

POLYGONACEAE The Smartweed Family

Fagopyrum

esculentum Moench - buckwheat. DC, MD, VA. Occasionally escaping.

Polygonum

amphibium L. - water smartweed. (Persicaria amphibia (L.) S.F. Gray, P. muhlenbergii (Meisn. in DC.) Small, Polygonum coccineum Muhl. ex Willd., P. emersum (Michx.) Britton, P. hartwrightii A. Gray, P. muhlenbergii (Meisn. in DC.) S. Watson) DC, MD, VA.


arifolium L. - halberd-leaved tearthumb. (Tracaulon arifolium (L.) Raf.) DC, MD, VA.

aviculare L. - knotweed. (P. aequale Lindm., P. bellardii All., P. buxiforme Small, P. monspeliense Pers., P. neglectum Besser) DC, MD, VA. Naturalized.


cespitosum Blume - Asiatic water-pepper. (P. longisetum Bruijn) DC, MD, VA. Naturalized. Our plants var. longisetum (Bruijn) A. Steward.

cilinode Michx. - fringed bindweed. MD: Baltimore City, Canton, chrome ore piles (Reed 1964).

convolvulus L. - black bindweed. (Bilderdykia convolvulus (L.) Don) DC, MD, VA. Naturalized.


douglasii Greene - Douglas knotweed. MD: Baltimore City, Canton, chrome ore piles (Reed 1964).

erectum L. - erect knotweed. DC, MD, VA.

Polygonum - cont.

**Hydropiper** L. - common smartweed, water-pepper. *(Persicaria hydropiper (L.) Opiz)* DC, MD, VA. Naturalized.

**Hydropiperoides** Michx. - mild water-pepper, false water-pepper. *(Persicaria hydropiperoides (Michx.) Small, P. opelousana (Riddell ex Small) Small, Polygonum opelousanum Riddell ex Small)* DC, MD, VA.

**Lapathifolium** L. - dock-leaved smartweed. *(Persicaria lapathifolia (L.) S.F. Gray)* DC, MD, VA.

**Orientalis** L. - prince's-feather. *(Persicaria orientalis (L.) Spach)* DC, MD, VA. Naturalized.

**Pensylvanicum** L. - pinkweed, Pennsylvania smartweed. *(Persicaria pensylvanica (L.) M. Gómez)* DC, MD, VA.

**Perfoliatum** L. - mile-a-minute, perfoliate tearthumb. DC, MD, VA. Naturalized, spreading rapidly.

**Persicaria** L. - lady's-thumb. *(Persicaria mitis Gilib., Polygonum dubium Stein, P. puritanorum Fernald)* DC, MD, VA. Naturalized.

**Punctatum** Elliott - water smartweed, dotted smartweed. *(Persicaria punctata (Elliott) Small)* DC, MD, VA.

**Ramosissimum** Michx. - bushy knotweed. *(Polygonum atlanticum (B.L. Rob.) E.P. Bicknell, P. autumnale Brenkle, P. douglasii of H&S, not Greene, P. exsertum Small, misapplied, P. prolificum (Small) B.L. Rob.)* DC, MD.

**Robustius** (Small) Fernald - coarse smartweed. *(P. punctatum var. robustius Small)* MD: "Near Mt. Vernon, Mattawoman Creek" (Norton 1942). Norton's record apparently based at least in part on Mattawoman Creek (MD) specimen (*I. Tidestrom 7207*, 1914) annotated by him in 1942 as questionable *P. robustius*.


**Sagittatum** L. - arrow-leaved tearthumb. *(Tracaulon sagittatum (L.) Small)* DC, MD, VA.

**Scandens** L. - false buckwheat. *(Bilderdykia scandens (L.) Greene, Polygonum cristatum Engelm. & A. Gray, P. dumetorum, misapplied)* DC, MD, VA.


**Tenue** Michx. - slender knotweed. DC, MD, VA.

**Virginianum** L. - jumpseed. *(Tovara virginiana (L.) Raf.)* DC, MD, VA.
Rheum
rhabarbarum L. - rhubarb. \((R. \ rhaponticum \ L., \ misapplied.\)  \(\text{DC} \?; \) "In vicinis Washington D.C."
\((\text{Ward s.n.}, \ 1876). \) Persists long from cultivation; doubtful escape.

Rumex
acetosella L. - sheep sorrel. \(\text{DC, MD, VA}. \) Naturalized.

altissimus A. Wood - pale dock, water dock. \(\text{DC, MD, VA}. \)

conglomeratus Murray - clustered dock. \(\text{VA}: \) King George Co. \((\text{Hotchkiss & Uhler 7219}, \ 1948). \)
Waif.

crispus L. - curly dock. \(\text{DC, MD, VA}. \) Naturalized.

obtusifolius L. - bitter dock, broad-leaved dock. \(\text{DC, MD, VA}. \) Naturalized.

patientia L. - patience dock. \(\text{DC (E.S. Steele s.n., 1901), MD (E.S. Steele s.n., 1905).} \)
Naturalized.

pulcher L. - fiddle dock. \(\text{MD, VA}. \)

verticillatus L. - swamp dock, water dock. \((R. \ floridanus \ Meisn.) \) \(\text{DC, MD, VA} \) (Atlas, Simmons et al. 1995).

PORTULACACEAE \textit{The Purslane Family}

Claytonia

virginica L. - spring-beauty. \(\text{DC, MD, VA}. \)

Montia

linearis (Douglas ex Hook.) Greene - narrow-leaved montia, line-leaved Indian-lettuce. \(\text{MD}: \) Prince George’s Co., Suitland \((M.A. \ Hershkovitz \ s.n., \ 1996). \)
Waif, from west.

Portulaca

grandiflora Hook. - rose-moss, portulaca. \(\). \) Cited as escape by H&S, FJH 1946, and B&B 1984,
without reference to place.

oleracea L. - common purslane. \(\text{DC, MD, VA}. \) Naturalized.

Talinum

teretifolium Pursh - fameflower. \(\text{MD, VA}. \)

PRIMULACEAE \textit{The Primrose Family}

Anagallis

arvensis L. - scarlet pimpernel, common pimpernel. \(\text{DC, MD, VA}. \) Naturalized.

monelli L. - pimpernel. \(\text{VA}: \) Fairfax Co. (Atlas). Waif.
**Centunculus**

**minimus** L. - chaffweed, false pimpernel. (*Anagallis minima* (L.) Krause) **MD**: Charles (*E.P. Killip 12905, 1925*) and Prince George's (*E.S. Standley s.n., 1897*) cos., **VA**: Fairfax Co. (*W. Hunter s.n., 1886*).

**Dodecatheon**

**meadia** L. - shooting-star. **DC, MD, VA**.

**Lysimachia**

**ciliata** L. - fringed loosestrife. (*Steironema ciliata* (L.) Raf.) **DC, MD, VA**.

**clethroides** Duby - gooseneck loosestrife, **DC** (*P.G. Russell s.n., 1932*). Escape.


**lanceolata** Walter - lance-leaved loosestrife. (*Steironema lanceolatum* (Walter) A. Gray) **DC, MD, VA**.

**nummularia** L. - moneywort. **DC, MD, VA**. Naturalized.

**x producta** (A. Gray) Fernald - **DC** (*E.S. Steele s.n., [?1897]*) **MD**: Montgomery Co., High Island (*E.S. Steele s.n., 1897*), **VA**: Fauquier Co. (Atlas). Fertile hybrid of *L. quadrifolia* and *L. terrestris*.

**quadriflora** Sims - smooth loosestrife, four-flowered loosestrife. (*L. longifolia* Pursh, *Steironema quadriflorum* (Sims) Hitchc.) **DC**: Georgetown (*L.F. Ward s.n., undated*), **VA**: Little Falls, Fairfax Co. (*E.S. Steele s.n., 1896*).

**quadrifolia** L. - whorled loosestrife. **DC, MD, VA**.

**terrestris** (L.) B.S.P. - swamp loosestrife, swamp-candles, bulbous loosestrife. (*L. stricta* Aiton) **DC, MD, VA**.


**Samolus**

**parviflorus** Raf. - water-pimpernel, brookweed. **6. floribundus** Kunth, **S. valerandi** L. ssp. **parviflorus** (Raf.) Hultén) **DC, MD, VA**.

**Trientalis**

**borealis** Raf. - star-flower. (*T. americana* Pursh) **DC**: Rock Creek Park (*A.V. Smith s.n., 1939*), **MD** (B&B 1984), **VA** (Atlas). DC specimen probably from introduction.

**PYROLACEAE The Shinleaf Family**

**Chimaphila**

**maculata** (L.) Pursh - spotted wintergreen. **DC, MD, VA**.

**umbellata** (L.) W.P.C. Barton - pipsissewa, prince's-pine. **DC, MD, VA**.
Pyrola  
chlorantha Sw. - greenish-flowered pyrola, greenish-flowered wintergreen. (*P. virens* Schreb.) **DC, MD, VA.**

elliptica Nutt. - shinleaf, elliptic shinleaf. **DC: Carroll Estate (L.F. Ward s.n., 1877).**

rotundifolia L. - round-leaved pyrola, round-leaved shinleaf, round-leaved American wintergreen. (*P. americana* Sweet) **DC, MD, VA.** American plants often treated as separate species or race, var. *americana* (Sweet) Fernald or ssp. *americana* (Sweet) R.T. Clausen.

secunda L. - one-sided pyrola, one-sided shinleaf. (*Orthilia secunda* (L.) House) **DC: Carroll Estate (L.F. Ward s.n., 1878), MD, VA.**

RANUNCULACEAE The Buttercup Family

Aconitum  
uncinatum L. - southern monkshood, blue monkshood, wild monkshood. **DC, MD, VA.**

Actaea  

Anemone  

canadensis L. - round-leaved anemone, Canada anemone, Canadian anemone. **MD (E.S. Steele s.n., 1898; see also B&B 1984), VA: Alexandria (G.L.F. Flagg s.n., 1924).**

quinquefolia L. - wood anemone, windflower. **DC, MD, VA.** W-B plants are var. *quinquefolia* (Dutton et al. 1997).

virginiana L. - thimblewood, tall anemone. **DC, MD, VA.** W-B plants are var. *virginiana* (Dutton et al. 1997).

Anemonella  

Aquilegia  
*canadensis* L. - wild columbine, Canadian columbine. **DC, MD, VA.**

Caltha  
palustris L. - marsh-marigold, cowslip. **MD, VA (Atlas).**

Cimicifuga  
racemosa (L.) Nutt. - black snakeroot, black cohosh, bugbane. **DC, MD, VA.**

Clematis  
Clematis - cont.

**ochroleuca** Aiton - curly-heads, leather-flower. (Viorna ochroleuca (Aiton) Small) MD (B&B 1984), VA (F. Peck s.n., undated; T. Kearney s.n., 1895). The two old specimens attributed to DC probably were from nearby VA (see H&S, 1919, p. 160).


**viorna** L. - leather-flower, vase-vine. (Viorna urnigera Spach) DC, MD, VA.

**virginiana** L. - virgin's-bower. DC, MD, VA.


Consolida


**regalis** A. Gray - rocket larkspur, forked larkspur. (Delphinium consolida L., misapplied) DC (Warnock 1997). Some US specimens identified as C. ajacis may in fact be this species.

Coptis


Delphinium

**tricorne** Michaux- dwarf larkspur. DC ?, MD: Montgomery Co., Potomac islands (?)extirpated), VA: Fairfax Co. (Atlas). Old DC specimens probably from Potomac Islands in MD.

Enemion

**bitemnatum** Raf. - false rue-anemone. (Isopyrum bitemnatum (Raf.) Torr. & A. Gray) VA: Fairfax Co. (Atlas). Record probably based on population in Scott's Run Nature Preserve, where it most likely was planted.

Eranthis


Helleborus

**orientalis** Lam. - Lenten-rose, Easter-flower. DC (P. Fleming 331, 1987). Escape. Persisting?

Hepatica


Hydrastis


Myosurus

Ranunculus

*abortivus* L. - kidney-leaved crowfoot, kidney-leaved buttercup, small-flowered crowfoot, aborted buttercup.  (*R. ruderalis* Greene)  DC, MD, VA.

*acris* L. - tall buttercup, common buttercup, meadow buttercup.  DC, MD, VA.  Naturalized.

*allegheniensis* Britton - Allegheny crowfoot.  VA.

*ambigens* S. Watson - spearwort, water-plantain spearwort.  (*R. obtusiusculus* Raf.)  DC, MD, VA.


*arvensis* L. - corn crowfoot, field buttercup. DC: Smithsonian Grounds (Vasey s.n., 1877). Waif, from west. Only record; perhaps a weed in early plantings. Identification verified by Lyman Benson in 1939.

*bulbosus* L. - bulbous buttercup, bulbous crowfoot.  DC, MD, VA.  Naturalized.


*hederaceus* L. - ivy-leaved crowfoot.  MD, VA.

*hispidus* Michaux - hispid buttercup, swamp buttercup.  (*R. carolinianus* DC., *R. septentrionalis* Poir.)  DC, MD, VA.

*micranthus* Nutt. - small-flowered crowfoot.  (*R. holmii* Greene (type from local region))  DC, MD, VA.

*parviflorus* L. - small-flowered crowfoot.  MD, VA. Waif.

*pennsylvanicus* L. f. - bristly crowfoot. DC?: swamp near Aqueduct Bridge (T. Holm s.n., 1888), MD: Baltimore (B&B 1984). Holm's specimen possibly from VA side of bridge.

*pusillus* Poir. - spearwort, low spearwort.  DC, MD, VA.

*recurvatus* Poir. - hooked crowfoot.  DC, MD, VA. North American plants are var.  *recurvatus* (Whittemore 1997).

*repens* L. - creeping buttercup.  DC, MD, VA. Naturalized.

*sardous* Crantz - MD (B&B 1984; Terrell et al. 1999), VA. Waif.

*scleratus* L. - cursed crowfoot.  DC, MD, VA. Eastern North American plants are var.  *scleratus* (Whittemore 1997).

Thalictrum

*clavatum* DC. - mountain meadow-rue.  VA (Atlas).
Thalictrum - cont.

**coriaceum** (Britton) Small - thick-leaved meadow-rue, leatherleaf meadow-rue, Steele's meadow-rue. *(T. caulophylloides Small, T. steeleanum B. Boivin) DC, MD, VA.* Regarding status of *T. steeleanum* as a species, see Park & Festerling (1997).


dioicum L. - early meadow-rue. **DC, MD, VA.**

pubescens Pursh - tall meadow-rue, late meadow-rue. *(T. polygamum Muhl. ex Spreng.)* **DC, MD, VA.**

revolutum DC. - skunk meadow-rue, wax-leaved meadow-rue, purple meadow-rue. **DC, MD, VA.**

Trautvetteria

carolinensis (Walter) Vail - false bugbane, tassel-rue. **MD:** Montgomery Co. (B&B 1984), **VA.**

Xanthorhiza

**simplicissima** Marshall - yellowroot. **MD:** Baltimore, Gwynn Falls Park *(G.R. Fessenden & A.A. Brandenburg 5505, 1954).*

RESEDACEAE *The Mignonette Family*

Reseda

**lutea** L. - mignonette. **MD.** Escape.

**luteola** L. - dyer's-rocket, yellow-weed. **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

RHAMNACEAE *The Buckthorn Family*

Ceanothus

**americanus** L. - New Jersey-tea, redroot. **DC, MD, VA.**

**herbaceus** Raf. - prairie redroot. *(C. ovatus Desf., misapplied) DC:* Chain Bridge Flats, **MD:** Montgomery Co., Little Falls.

Rhamnus

**davurica** Pall. - Asian buckthorn. **MD:** Prince George's Co., College Park (B&B 1972). Escape.

**frangula** L. - European alder-buckthorn. *(Frangula alnus Mill.)* **MD:** Baltimore Co. Escape.

ROSACEAE *The Rose Family*

Agrimonia

**gryposepala** Wallr. - common tall agrimony. **MD, VA.**

**microcarpa** Wallr. - small-fruited agrimony. **MD, VA.**
Agrimonia - cont.

parviflora Aiton - small-fruited agrimony. DC, MD, VA.

pubescens Wallr. - downy agrimony, hairy agrimony. DC, MD, VA.

rostellata Wallr. - woodland agrimony. (A. eupatoria L., misapplied) DC, MD, VA.

striata Michx. - roadside agrimony, striate agrimony. MD (B&B 1984).

Alchemilla


Amelanchier

arborea (F. Michx.) Fernald - common serviceberry, downy serviceberry, shadbush. (A. canadensis (L.) Medik., misapplied) DC, MD, VA.

canadensis (L.) Medik. - shadbush, eastern serviceberry. (A. oblongifolia (T. & G.) M. Roem.) DC, MD, VA.

x intermedia Spach - intermediate serviceberry. MD: Prince George's Co. (W.L. McAtee 3372, 1928), VA: Arlington Co. (W.L. McAtee 3371, 1928). Included in A. oblongifolia (=A. canadensis) by H&S.

laevis Wiegand - smooth serviceberry, Juneberry. DC, MD, VA. Status in area in need of study; species not included in Atlas; only record for DC (Fleming 1027, 1989) arguably is A. arborea.

oboalis (Michx.) Ashe - obovate serviceberry, coastal plain serviceberry. VA: Richmond Co. (Atlas).

sanguinea (Pursh) DC. - roundleaf serviceberry, New England serviceberry. (A. humilis Wiegand) VA.

spicata (Lam.) K. Koch - stoloniferous serviceberry, low serviceberry. (A. stolonifera Wiegand) DC, MD, VA.

Aronia

arbutifolia (L.) Pers. - red chokeberry. (Pyrus arbutifolia (L.) f., Sorbus arbutifolia (L.) Heynh.) DC, MD, VA.

melanocarpa (Michx.) Elliott - black chokeberry. (Pyrus melanocarpa (Michx.) Willd., Sorbus melanocarpus (Michx.) Heynh.) MD: Frederick Co. (E. Baltars 597, 1955); Prince George's, Beltsville (Terrell et al. 1999), VA.

x prunifolia (Marshall) Rehder - purple chokeberry. (A. atropurpurea Britton, Pyrus floribunda Lindl., Sorbus arbutifolia var. atropurpurea (Britton) C.K. Schneid.) DC, MD, VA.

Aruncus

dioicus (Walter) Fernald - goat's-beard. (A. vulgaris (Maxim.) Raf. ex Hara) DC, MD, VA.
Chaenomeles

*speciosa* (Sweet) Nakai - Japanese-quince, flowering-quince. (*C. lagenaria* (Loisel.) Koidz.) **DC:** Rock Creek Park (*Fleming 384, 1987*). Escaped or persisting from cultivation?

**Crataegus**

*calpodendron* (Ehrh.) Medik. - pear hawthorn. (*C. smithii* Sarg., *C. tomentosa* L., misapplied) **VA.**

*crus-galli* L. - cockspur, cockspur thorn, cockspur hawthorn. (*C. canbyi* Sarg., *C. pyracanthoides* (Aiton) Beadle) **DC, MD, VA.**

*dodgei* Ashe - fireberry hawthorn. **DC:** Tenleytown (*Steele 1901, p. 66), **MD:** Prince George's Co., Riverdale (*Steele l.c.*). *Steele* reported *C. rotundifolia* (Ehrh.) Borkh., but, according to J.B. Phipps (correspondence, April 23, 1997), it probably was this species.

"flava" - yellow hawthorn. **VA:** Arlington Co. (*Steele 1901, p. 66); Culpeper Co. (*Harvill et al. 1992, p. 115*). The correct name for this species has not been established. The species is not *C. flava* Aiton, according to J.B. Phipps (correspondence, April 23, 1997).

*intricata* Lange - Biltmore hawthorn. (*C. apposita* Sarg., *C. biltmoreana* Beadle, *C. coccinea* L., misapplied, *C. straminea* Beadle) **DC, MD, VA.**

*macroperma* Ashe - large-seeded thorn. (*C. flabellata* (Bosc) K. Koch, misapplied, *C. stolonifera* Sarg.) **VA** (Atlas). True *C. flabellata* does not occur this far south, according to J.B. Phipps (correspondence, April 23, 1997). *C. flabellata* of *Harvill et al. 1992* is probably this species, at least in part.

*margaretta* Ashe - Margaret hawthorn. **VA.** *C. viridis* of *Allard & Leonard 1943, p. 35,* based on *H.A. Allard 3450, 1957* (Fauquier Co.), is probably this species, according to J.B. Phipps (personal communication, July 8, 1996).

*monogyna* Jacq. - English hawthorn, one-seeded hawthorn. (*C. oxyacantha* L. (rejected name)) **DC:** Corcoran's Woods (*Holm 1892, p. 112*), **VA:** Alexandria (*L.F. Ward s.n., 1877*). Escaped or persisting from cultivation?


*pruinosa* (J.C. Wendl.) K. Koch - waxy-fruited hawthorn. (*C. rugosa* Ashe) **MD, VA.** *C. rugosa* is sometimes treated as a separate species.

*punctata* Jacq. - dotted hawthorn, dotted thorn. **VA:** Fairfax Co. (Atlas).

*rubella* Beadle - (? *C. boyntonii* Beadle) **MD:** Prince Georges Co. (*W. Hotchkiss 5661, 1937*). Hotchkiss specimen apparently basis for including *C. "boyntonii"* Beadle" in FJH 1946. Perhaps both *C. boyntonii* and *C. rubella* belong in *C. intricata.*

*succulenta* Schrad. ex Link - fleshy hawthorn. **MD ?:** "Near DC" (*W.H. Seaman s.n., no date*), **VA:** Fauquier Co. .

*tatnalliana* Sarg. - Tatnall hawthorn. **VA:** Loudoun Co. (*H.A. Allard 20504, 1952, as *C. pedicellata* Sarg.). Allard's specimen, of the affinity of *C. coccinea* L., tentatively placed in *C. tatnalliana* by J.B. Phipps (July 1996).
Crataegus - cont.

**uniflora** Muenchh. - one-flowered hawthorn, dwarf hawthorn. (*C. parviflora* (Sol.) Aiton) **DC, MD, VA** (Atlas).

**viridis** L. - green haw, green hawthorn, southern thorn. **MD**: southern MD (B&B 1984), **VA**: King George Co. (Atlas). **H.A. Allard 3450**, 1957 (Fauquier Co.) is probably *Crataegus margaretta* Ashe, not *C. viridis* (see *C. margaretta*).

Duchesnea

indica (Andrews) Focke - false strawberry, Indian-strawberry. **DC, MD, VA**. Naturalized.

Filipendula


Fragaria


**virginiana** Duchesne - wild strawberry. **DC, MD, VA**.

Geum

**aleppicum** Jacq. - yellow avens. (**G. strictum** Aiton) **MD**: Montgomery Co., Plummer's Island (**E.P. Killip 31074**, 1933), **VA**: Arlington Co. (**E.S. Steele s.n., 1899**). American plants are var. **strictum** (Aiton) Fernald. Identification of both specimens doubtful.

**canadense** Jacq. - white avens. (**G. meyerianum** Rydb.) **DC, MD, VA**.

**laciniatum** Murray - rough avens. (**G. virginianum** L., misapplied) **DC, MD, VA**.

**vernum** (Raf.) T. & G. - spring avens. **DC, MD, VA**.

**virginianum** L. - rough avens, cream-colored avens. (**G. flavum** (Porter) E.P. Bicknell, **G. hirsutum** Muhl. ex Link) **DC, MD, VA**.

Kerria


Malus

**angustifolia** (Aiton) Michx. - wild crab, wild crabapple, southern crab, southern crabapple. (**Pyrus angustifolia** Aiton) **DC** (1884, as "Pyrus sp.," no collector), **MD**: Carroll Co. (**J.D. Smith 71**, 1881); Prince George's Co. (FJH 1946), **VA** (Atlas).

**coronaria** (L.) Mill. - wild crab, wild crabapple, sweet crab, wild sweet crab. (**M. glaucescens** Rehder, **M. lancifolia** Rehder, **Pyruscoronaria** L., **P. glaucescens** (Rehder) L.H. Bailey, **P. lancifolia** (Rehder in Sarg.) L.H. Bailey) **DC, MD, VA**. Some collections annotated by R. McVaugh in 1942 as *M. "platycarpa,“* a hybrid described by A. Rehder, but further study is needed.

**floribunda** Siebold ex Van Houtte - showy crabapple. **DC** (**J.B. Walker s.n., 1958**). Planted or escaped?

**x platycarpa** Rehder - **VA**: Arlington Co. (**S.F. Blake 10831**, 1929 - det. by A. Rehder). See also *M. coronaria*. 

"
Malus - cont.

prunifolia (Willd.) Borkh. - Chinese crab, Chinese crabapple. (*Pyrus prunifolia* Willd.) **DC** (*G. Vasey s.n., 1878*), **VA**: Fairfax Co. (Atlas). Planted or escaped? A second old specimen (*W.H. Seaman s.n., no date*) was collected "near Washington, D.C."

spectabilis (Aiton) Borkh. - Chinese flowering apple. **DC** (*T.H. Berger s.n., 1946, 1948*). Escape; both collections from same, apparent volunteer shrub on Smithsonian Institution grounds.


Physocarpus

opulifolius (L.) Maxim. - ninebark. (*Opulaster opulifolius* (L.) Kuntze) **DC, MD, VA**.

Porteranthus

trifoliatus (L.) Britton - false ipecac, bowman's-root, Indian-physic. (*Gillenia trifoliata* (L.) Moench) **DC, MD, VA**.

Potentilla


arguta Pursh - tall cinquefoil (five-finger). **MD**.

canadensis L. - common cinquefoil (five-finger), running cinquefoil. (*P. pumila* Poir.) **DC, MD, VA**.


norvegica L. - rough cinquefoil (five-finger), strawberry-weed. (*P. monspeliensis* L.) **DC, MD, VA**. Native and introduced.

recta L. - rough-fruited cinquefoil (five-finger), sulphur cinquefoil. **DC, MD, VA**. Naturalized.

reptans L. - creeping cinquefoil (five-finger). **DC**: "Near Brightwood" [prob. DC] (Holm 1901, p. 11), **MD**. Naturalized.

simplex Michx. - old-field cinquefoil (five finger), common cinquefoil. (*P. canadensis* L., misapplied) **DC, MD, VA**.

Prunus


americana Marshall - wild plum. **DC, MD, VA**.
Prunus - cont.

**angustifolia** Marshall - chickasaw plum. (*P. chicasa* Michx.) DC, MD, VA.


**avium** L. - sweet cherry. DC, MD, VA. Persisting from planting and frequent escape.


**mahaleb** L. - mahaleb, mahaleb cherry, perfumed cherry. DC, MD, VA. Persisting from planting or escape. All US specimens possibly from planted trees.


**nigra** Aiton - Canada plum. VA (Atlas).

**pensylvanica** L. f. - bird cherry, pin cherry, fire cherry. MD: Frederick Co. (FJH 1946).

**persica** (L.) Batsch - peach. DC, MD, VA. Escape. The peach blossom is the State Flower of Delaware.


**serotina** Ehrh. - wild black cherry, wild cherry, black cherry. DC, MD, VA.


**virginiana** L. - choke cherry. DC?: "in silva ad 'Aqueduct bridge'" (*T.H. Holm s.n.*, 1888; DC or VA?). MD, VA.

**x yedoensis** Matsum. - Yoshino cherry, Japanese flowering cherry. DC: Rock Creek Park (*P. Fleming 374, 722, 1987, 1988*). Said to be "widely escaped" in Rock Creek Park by Fleming and Kanal (1995, p. 308), but at least one voucher specimen (722) likely was from planted tree.

Pyracantha

**coccinea** M. Roem. - firethorn. (*Cotoneaster pyracantha* (L.) Spach) DC (*E.S. Steele s.n.*, 1899). Escape.
Pyrus


communis L. - common pear, pear. DC, MD, VA. Escape.

Rhodotypos


Rosa


canina L. - dog rose. DC, MD, VA. Escape.

carolina L. - pasture rose, low pasture rose. (R. lucida Ehrh., misapplied, R. virginiana Mill., misapplied (as in H&S)) DC, MD, VA.


multiflora Thunb. - multiflora rose. DC, MD, VA. Naturalized.

palustris Marshall - swamp rose. (R. carolina L., misapplied) DC, MD, VA.


setigera Michx. - climbing rose, prairie rose. DC, MD, VA: Fauquier Co. (H.A. Allard 7804, 1940).

virginiana Mill. - pasture rose. (R. lucida Ehrh.) DC, MD, VA. In H&S, this name used for what is R. carolina. Seems to be confused and ill-defined species in W-B Area. Included by some (Radford et al. 1968, p. 552) in R. palustris.

wichuraiana Crép. - memorial rose. VA (Atlas). Status in wild?

Rubus

allegheniensis Porter - common blackberry. (R. alumnus L.H. Bailey) DC, MD, VA.

Rubus - cont.


cuneifolius Pursh - sand blackberry. (R. longii Fernald, R. pascuus L.H. Bailey) DC, MD, VA.

discolor Weihe & Nees - Himalayan blackberry. (R. procerus P.J. Müll.) DC, MD, VA.


hispidus L. - dewberry, swamp dewberry, groundberry. (R. trivialis of Steele 1901 (p. 64), misapplied, R. vigil L.H. Bailey?) DC, MD, VA.

idaeus L. - red raspberry. (R. strigosus Michx.) "Near Washington, D.C." (W.H. Seaman s.n., no date). Very old specimen -- escaped or planted?


occidentalis L. - black raspberry. DC, MD, VA.

odoratus L. - flowering raspberry, purple-flowering raspberry, thimbleberry. DC (Holm 1892, p. 111), MD: Frederick Co. (E. Baltars 2669, 1960), VA.


phoenicolasius Maxim. - wineberry. DC, MD, VA. Naturalized.

trivialis Michx. - southern dewberry. VA (Atlas).

Sanguisorba canadensis L. - American burnet, burnet. DC, MD.


Spiraea alba DuRoi - meadowsweet. (Including S. latifolia (Aiton) Borkh.) DC, MD, VA.

betulifolia Pall. - corymbed spiraea, birch-leaved spiraea. (Including S. corymbosa Raf.) MD: Frederick Co., Sugar Loaf Mt. (J.W. Roller 641, 1946), VA.
Spiraea - cont.


Escaped or planted? Included in Atlas, but US specimens from DC and VA appear to be from plants persisting from cultivation.

tomentosa L. - hardhack, steeple-bush. MD, VA (Atlas).

RUBIACEAE The Madder Family

Asperula

arvensis L. - woodruff. DC (E.S. Steele s.n., 1898). Waif.

Cephalanthus

occidentalis L. - buttonbush. DC, MD, VA.

Diodia

teres Walter - buttonweed, rough buttonweed, poorjoe. DC, MD, VA.

virginiana L. - larger buttonweed, Virginia buttonweed. MD, VA.

Galium

aparine L. - cleavers, spring cleavers, goosegrass. DC, MD, VA.

asprellum Michx. - rough bedstraw. DC ?: bank of canal above Georgetown (C.L. Pollard s.n., 1895), MD, VA.

circaezans Michx. - wild licorice, forest bedstraw. DC, MD, VA.

concinnum Torr. & A. Gray - shining bedstraw. DC, MD, VA.

lanceolatum Torr. - lance-leaved wild licorice, wild licorice. MD.

latifolium Michx. - purple bedstraw, wide-leaved bedstraw. VA.


obtusum Bigelow - stiff marsh bedstraw, blunt-leaved bedstraw. (G. tinctorium (L.) Scop., misapplied) DC ?: vicinity of DC (L.F. Ward s.n., 1878), MD: Baltimore Co. (B&B 1984), VA.


pilosum Aiton - hairy bedstraw. (G. puncticulorum Michx.) DC: Rock Creek Park (P. Fleming 205, 1986), MD, VA.
Galium - cont.

**tinctorium** (L.) Scop. - Clayton's bedstraw, southern three-lobed bedstraw, wild madder. (G. claytonii Michx., G. trifidum var. tinctorium (L.) Torr. & A. Gray) **DC, MD, VA.** Doubtfully distinct from G. trifidum L.

tricornutum Dandy - (G. tricorne Stokes, in part) **MD:** Baltimore City, Canton (Reed 1964). Waif.


triflorum Michx. - sweet-scented bedstraw. **DC, MD, VA.**

verum L. - yellow bedstraw, true bedstraw. **DC (T. Ulke s.n., 1932 or 1933), MD, VA:** Arlington Co. (Atlas). Naturalized.

Houstonia

**caerulea** L. - bluets, Quaker-ladies, innocence. (**Hedyotis caerulea** (L.) Hook.) **DC, MD, VA.**

longifolia Gaertn. - long-leaved bluets, long-leaved summer bluets, long-leaved houstonia. (**Hedyotis canadensis** (Willd. ex Roem. & Schult.) Fosberg, misapplied, H. longifolia (Gaertn.) Hook., H. nuttalliana Fosberg, Houstonia canadensis Willd. ex Roem. & Schult., misapplied, H. tenuifolia Nutt.) **DC, MD, VA.**

purpurea L. - large summer bluets, large houstonia, large-leaved houstonia. **DC, MD, VA.**

pusilla Schoepf - small bluets. (**Hedyotis crassifolia** Raf., Houstonia minima Beck, H. patens Elliott) **MD:** Harford Co. (Terrell & Reed 4997, 1979), **VA** (Atlas).

Mitchella

**repens** L. - partridge-berry, checkerberry, twin-berry, two-eyed-berry, running-box. **DC, MD, VA.**

Oldenlandia

**uniflora** L. - clustered bluets. (**Hedyotis uniflora** (L.) Lam.) **DC:** Bennings (E.S. Steele s.n., 1899), **MD:** Prince George's Co. (L.B. Smith 5131, 1950).

Richardia

**scabra** L. - Florida-pusley, Mexican-clover. **MD:** Prince George's Co. (**E.C. Leonard 17567, 1936**). Waif.

Sherardia


Spermacoce

**glabra** Michx. - buttonweed. **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from midwest.
RUTACEAE The Rue Family

Ptelea

trifoliata L. - hop-tree, wafer-ash. DC, MD, VA.

Ruta

graveolens L. - common rue. DC (G.H. Shull 58, 1902). Waif.

Zanthoxylum


SALICACEAE The Willow Family

Populus

alba L. - white poplar, silver poplar. DC, MD, VA. Persisting and spreading from cultivation.


x canescens (Aiton.) Sm. (P. alba x tremula L.) - gray poplar. DC. Occasional escape.

deltoides Bartram ex Marshall - cottonwood. (P. x canadensis Moench (P. deltoides x nigra var. italica; P. x eugenei Simon-Louis), P. monilifera Aiton, P. virginiana Foug.) DC, MD, VA. P. x canadensis, Carolina poplar, is extensively planted.

grandidentata Michx. - big-toothed aspen, large-toothed aspen. DC, MD, VA.

heterophylla L. - swamp cottonwood, black cottonwood. MD, VA (Atlas).


tremuloides Michx. - quaking aspen, trembling aspen. MD, VA. Only an escape in Maryland portion of W-B Area (see B&B 1972).

Salix

alba L. - white willow. DC, MD (inferred from B&B 1972), VA. Escape.

babylonica L. - weeping willow. DC, MD, VA. Persisting and sparingly escaping from cultivation.


**Salix** - cont.

**caroliniana** Michx. - Carolina willow, Ward's willow. (*S. nigra* var. *wardii* Bebb ex Ward, *S. wardii* (Bebb ex Ward) Bebb) **DC, MD, VA.**

**cinerea** L. - gray florist's willow. **DC, MD, VA (Atlas).** Persisting from cultivation and doubtfully escaped.

**eriocephala** Michx. - heartleaf willow, diamond willow. (*S. cordata* Muhl., not Michx., *S. rigida* Muhl.) **DC, VA.**

**exigua** Nutt. - sandbar willow. (*S. interior* Rowlee, *S. longifolia* Muhl.) **DC, VA.**

**fragilis** L. - crack willow. **DC, MD, VA.** Naturalized.

**humilis** Marshall - prairie willow, upland willow, small pussy willow. **DC, MD, VA.**

**matsudana** Koidz. - dragon-claw willow. **VA (Atlas).** Doubtful escape (forma tortuosa Rehder).

**nigra** Marshall - black willow. **DC, MD, VA.**

**occidentalis** Walter - dwarf prairie willow. (*S. humilis* var. *microphylla* (Andersson) Fernald,*S. tristis* Aiton) **DC, MD, VA.**

**pentandra** L. - bay-leaved willow. **DC, MD.** Occasional escape from cultivation.

**purpurea** L. - basket willow, purple willow. **DC, VA.** Escape, doubtfully naturalized.

**sericea** Marshall - silky willow. **DC, MD, VA.**

**SANTALACEAE The Sandalwood Family**

**Comandra**

**umbellata** (L.) Nutt. - bastard toadflax. **DC, MD, VA.**

**SAPINDACEAE The Soapberry Family**

**Cardiospermum**

**halicacabum** L. - balloon-vine. **DC: (E.S. Steele s.n., 1898; J.B.S. Norton s.n., 1915).** Escape.

**Koelreuteria**


**SARRACENIACEAE The Pitcher-plant Family**

**Sarracenia**

**purpurea** L. - pitcher-plant, northern pitcher-plant. **MD.** Introduced at Suitland Bog, Prince George's Co., and probably at some of the other MD sites (e.g., see Terrell et al. 1999).
SAURURACEAE The Lizard's-tail Family

Saururus
\textit{cernuus} L. - lizard's-tail. DC, MD, VA.

SAXIFRAGACEAE The Saxifrage Family

Chrysosplenium
\textit{americanum} Schwein. ex Hook. - water-mat, water-carpet, golden-saxifrage. DC, MD, VA.

Deutzia


Heuchera
\textit{americana} L. - common alumroot, rock-geranium. DC, MD, VA.

\textit{pubescens} Pursh - downy heuchera, Appalachian alumroot. VA.

Hydrangea
\textit{arborescens} L. - wild hydrangea, American hydrangea. DC, MD, VA.


\textit{quercifolia} Bartram - oakleaf hydrangea. DC: Rock Creek Park. Escape.

Itea
\textit{virginica} L. - tassel-white, Virginia-willow. DC, MD, VA.

Mitella
\textit{diphylla} L. - miterwort, bishop's-cap. DC, MD, VA.

Parnassia

Philadelphus
\textit{coronarius} L. - garden mock-orange, European mock-orange. MD: Montgomery Co. (McAtee 1930, p. 27); Prince George's Co., Beltsville (Terrell et al. 1999), VA. Widely escaped in MD and VA, according to B&B (1972) and Atlas, respectively.

\textit{inodorus} L. - common mock-orange, Appalachian mock-orange. DC. Escape.

Ribes
\textit{americanum} Mill. - wild black currant, eastern black currant. DC.
Ribes - cont.

cynosbati L. - prickly gooseberry, dogberry. **MD**: Prince George's Co., Beltsville (Terrell et al. 1999).

rotundifolium Michx. - eastern wild gooseberry, smooth gooseberry, Appalachian gooseberry. (Grossularia rotundifolia (Michx.) Coville & Britton) **DC, MD, VA** (Atlas).


Saxifraga

mircanthidifolia (Haw.) Steud. - lettuce saxifrage. **MD**: Frederick Co. (B&B 1984), **VA**: Fauquier Co. (Atlas).

pensylvanica L. - swamp saxifrage. **MD, VA**.

virginiensis Michx. - early saxifrage. **DC, MD, VA**.

Tiarella

cordifolia L. - foamflower, false miterwort. (Including **T. wherryi** Lakela.) **MD, VA** (Atlas).

SCROPHULARIACEAE The Figwort Family

Agalinis


auriculata (Michx.) Blake - auricled agalinis, auricled gerardia. (**Gerardia auriculata** Michx., **Otophylla auriculata** (Michx.) Small, **Tomanthera auriculata** (Michx.) Raf.) **DC**: Pinehurst (**E.T. Wherry s.n.**, 1919), **MD, VA**.


obtusifolia Raf. - blunt-leaved agalinis, ten-lobed agalinis, blunt-leaved gerardia. (**A. decemloba** (Greene) Pennell, **Gerardia decemloba** Greene (type collected near Brookland, DC)) **DC, MD, VA**: Fairfax Co. (**H.G. Deignan 1345**, 1946).

purpura** L.** (L.) Pennell - large purple agalinis, purple gerardia, smooth agalinis. (**Gerardia purpurea** L.) **DC, MD, VA**.

setacea (J.F. Gmel.) Raf. - thread-leaved agalinis, thread agalinis, thread-leaved gerardia. (**A. holmiana** (Greene) Pennell (type collected at Brookland, DC), **Gerardia holmiana** Greene, **G. setacea** J.F. Gmel.) **DC, MD, VA**.
Agalinis - cont.

**tenuifolia** (Vahl) Raf. - slender agalinis, common agalinis, slender gerardia. (*Gerardia tenuifolia* Vahl) DC, MD, VA.

**Aureolaria**


**laevigata** (Raf.) Raf. - entire-leaved false foxglove, entire-leaved yellow-foxglove, Appalachian false foxglove. (*Dasistoma laevigata* (Raf.) Chapm., *Gerardia laevigata* Raf.) VA.

**pedicularia** (L.) Raf. - fern-leaved false foxglove, fern-leaved yellow-foxglove, annual false foxglove. (*Dasistoma pediculata* Benth., *Gerardia pediculata* L.) DC, MD, VA.


**Bacopa**


**Buchnera**

**americana** L. - blue-hearts. DC, MD, VA.

**Castilleja**


**Chaenorrhinum**


**Chelone**

**gabra** L. - turtlehead, white turtlehead. DC, MD, VA.

**obliqua** L. - red turtlehead, purple turtlehead. MD, VA.

**Cymbalaria**


**Gratiola**

**aurea** Pursh - yellow hedge-hyssop, golden-pert. (*G. lutea* Raf.) MD: Montgomery Co., C&O Canal, 2nd lock (1878 specimen, collector?).

**neglecta** Torr. - clammy hedge-hyssop. (*G. virginiana* L., misapplied) DC, MD, VA.

Gratiola - cont.

**Gratiola virginiana** L. - round-fruited hedge-hyssop, round-leaved hedge-hyssop. (\textit{G. sphaerocarpa} Elliott) \textit{DC} (\textit{E.L. Morris s.n.}, 1896), \textit{MD, VA}.

**viscidula** Pennell - viscid hedge-hyssop. (\textit{G. viscosa} Schwein.) \textit{DC, MD, VA}.

**Kickxia elatine** (L.) Dumort. - canker-root, sharp-pointed toadflax, cancerwort. \textit{DC, MD, VA}. Naturalized.

**Limosella australis** R. Br. - mudweed. (\textit{L. subulata} Ives) \textit{MD}: Harford Co. (\textit{G.H. Shull 306}, 1902).

**Linaria canadensis** (L.) Dum. Cours. - blue toadflax, old-field toadflax, annual toadflax. (\textit{Nuttallanthus canadensis} (L.) D.A. Sutton) \textit{DC, MD, VA} (Atlas).


**vulgaris** Mill. - butter-and-eggs, toadflax. (\textit{L. linaria} (L.) H. Karst.) \textit{DC, MD, VA}. Naturalized.

**Lindernia dubia** (L.) Pennell - false pimpernel. (\textit{Ilysanthes attenuata} (Spreng.) Small, \textit{L. anagallidea} (Michx.) Pennell) \textit{DC, MD, VA}.

**procumbens** (Krock.) Philcox - false pimpernel. (\textit{L. pyxidaria} L., misapplied) \textit{VA}: Arlington Co. (\textit{F.R. Fosberg 16869}, 1939, as \textit{L. pyxidaria}). Waif.

**Maurandella antirrhiniflora** (Humb. & Bonpl. exWilld.) Rothm. - snapdragon-vine. (\textit{Antirrhinum antirrhiniflorum} Hitch., \textit{Maurandya antirrhiniflora} Humb. & Bonpl. ex Willd.) \textit{MD}: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from southwest.

**Mazus pumilus** (Burm. f.) Steenis - (\textit{M. japonicus} (Thunb.) Kuntze) \textit{DC, MD}: Montgomery Co., \textit{VA} (Atlas). Naturalized.


**Melampyrum lineare** Desr. - cow-wheat. \textit{DC, MD, VA}.

**Micranthemum micranthemoides** (Nutt.) Wettst. - Nuttall's micranthemum. (\textit{Hemianthus micranthemoides} Nutt.) \textit{DC}: East Potomac [Anacostia] River (\textit{C. Mohr s.n.}, 1882), \textit{VA}: Alexandria (or Fairfax Co.?), Hunting Creek (\textit{J.W. Chickering, Jr., s.n.}, 1876; \textit{E.S. Steele s.n.}, 1899). Thought to be extinct.
Micranthemum - cont.


Mimulus

alatus Aiton - winged monkey-flower, sharp-winged monkey-flower. DC, MD, VA.

ringens L. - common monkey-flower, square-stemmed monkey-flower, Allegheny monkey-flower. DC, MD, VA.

Orthocarpus


Paulownia


Pedicularis

canadensis L. - common lousewort, wood-betony, forest lousewort. DC, MD (inferred from B&B 1984), VA.

lanceolata Michx. - swamp lousewort. MD: Baltimore Co. (E. Baltars 1649, 1958), VA.

Penstemon


canescens (Britton) Britton - gray beard-tongue, Appalachian beard-tongue. MD (Pennell 1935, p. 222), VA.

digitalis Nutt. ex Sims - foxglove beard-tongue, tall white beard-tongue. DC, MD, VA.

hirsutus (L.) Willd. - hairy beard-tongue, northeastern beard-tongue. (P. pubescens Sol.) DC, MD, VA.

laevigatus Aiton - smooth beard-tongue, eastern beard-tongue. (P. penstemon (L.) Britton) DC, MD, VA.

pallidus Small - pale beard-tongue, eastern white beard-tongue. DC (T.E. Wilcox s.n., 1907), MD (B&B 1984), VA: Fairfax Co. (F.R. Fosberg 23364, 1945).

Scrophularia

lanceolata Pursh - hare figwort, American figwort. MD (inferred from B&B 1984), VA.

marilandica L. - Maryland figwort, carpenter's-square, eastern figwort. DC, MD, VA.

Verbascum

blattaria L. - moth mullein. DC, MD, VA. Naturalized.

Verbascum - cont.

	sinuatum L. - wavy-leaved mullein. MD: Baltimore City (C.C. Plitt s.n., 1899; E. Baltars 637, 1955; see also Reed 1964). Waif.

thapsus L. - common mullein, great mullein. DC, MD, VA. Naturalized.

Veronica


americana Schwein. ex Benth. - American brooklime, American speedwell. MD, VA.

anagallis-aquatica L. - water speedwell, brook-pimpernel. (V. glandifera Pennell) MD, VA.

arvensis L. - corn speedwell. DC, MD, VA. Naturalized.


chamaedrys L. - germander speedwell, bird's-eye. DC, MD ? (B&B 1984). Naturalized. Six pre-1900 DC specimens. B&B inclusion perhaps based on H&S or FJH 1946, both of which presumably included the species on the basis of the DC specimens.


hederifolia L. - ivy-leaved speedwell. DC, MD, VA. Naturalized.


officinalis L. - common speedwell, gypsyweed. DC, MD, VA. Both indigenous and naturalized.

peregrina L. - purslane speedwell, neckweed. DC, MD, VA.


polita Fries - field speedwell. (V. didyma Ten., misapplied) DC, MD, VA. Naturalized.

scutellata L. - marsh speedwell, narrow-leaved speedwell. DC, MD: Montgomery Co., High Island (E.S. Steele s.n., 1897). Four pre-1900 collections from along Potomac River in DC vicinity.

serpyllifolia L. - thyme-leaved speedwell. DC, MD, VA. Naturalized.

Veronicastrum

virginicum (L.) Farw. - culver's-root. (Leptandra virginica (L.) Nutt., Veronica virginica L.) DC, MD, VA.
SIMAROUBACEAE The Quassia Family

Ailanthus
altissima (Mill.) Swingle - tree-of-heaven. DC, MD, VA. Naturalized and very invasive.

SOLANACEAE The Nightshade Family

Capsicum

Datura


stramonium L. - jimson-weed, stramonium, thorn-apple. (Datura tatula L.) DC, MD, VA.

Hyoscyamus

Jaltomata
procumbens (Cav.) J.L. Gentry - (Saracha procumbens (Cav.) Ruiz & Pavón) MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

Lycium
barbarum L. - common matrimony-vine. (L. halimifolium Mill.) DC, MD, VA. Escape.


Lycopersicon

Nicandra

Nicotiana

Nicotiana - cont.


trigonophylla Dunal - desert tobacco. MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from southwest.

Petunia


parviflora Juss. - seaside petunia, wild petunia. MD: Baltimore City, Canton, chrome ore piles (Reed 1946); Baltimore Co. (two pre-1900 specimens). Waif, from south.

Physalis


heterophylla Nees - clammy ground-cherry, common ground-cherry. (P. ambigua (A. Gray) Britton, P. nyctaginea Dunal, P. viscosa L., misapplied) DC, MD, VA.

longifolia Nutt. - smooth ground-cherry, longleaf ground-cherry. (P. philadelphica Lam., misapplied, P. subglabrata Mack. & Bush) DC, MD, VA.

philadelphicus Lam. - tomatillo. (P. ixocarpa Brot. ex Hornem., misapplied) DC (E.S. Steele s.n., 1899). Escape. Waste ground.


pubescens L. - hairy ground-cherry, downy ground-cherry. MD, VA.

virginiana Mill. - Virginia ground-cherry. (P. lanceolata Michx., misapplied) MD, VA.

Salpichroa


Solanum

carolinense L. - horse-nettle. DC, MD, VA.

deflexum Greenm. - MD: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from southwest.

dulcamara L. - bittersweet, nightshade, climbing nightshade, bittersweet nightshade. DC, MD, VA. Naturalized.
Solanum - cont.

elaeagnifolium Cav. - nightshade, white horse-nettle. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from southwest.


nigrum L. s.l. - black nightshade. (*S. americanum* Mill., perhaps misapplied, *S. nodiflorum* Jacq., *S. ptychanthum* Dunal) **DC, MD, VA**. As interpreted here, includes both native and introduced elements.


rostratum Dunal - buffalo-bur, Kansas-thistle, sand-bur. **DC, MD**: Baltimore City, Canton, chrome ore piles (Reed 1964); Prince George's Co. (*E.C. Leonard 19883, 1944*), **VA**: Alexandria (*C.L. Pollard s.n., 1896*). Waif, from west.


surattense Burn. - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

torvum Sw. - turkey-berry. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.


**STAPHYLEACEAE The Bladdernut Family**

Staphylea

trifolia L. - bladdernut. **DC, MD, VA**.

**STERCULIACEAE The Cacao Family**

Melochia

corchorifolia L. - chocolate-weed. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from south.

**SYMPLOCACEAE The Sweetleaf Family**

Symplocos


**THYMELAEACEAE The Mezereum Family**

Dirca

palustris L. - leatherwood. **DC, MD, VA**.
TILIACEAE The Linden Family

*Tilia* americana L. - basswood, American linden. (*T. heterophylla* Vent., *T. neglecta* Spach) DC, MD, VA.

TRAPACEAE The Water-nut Family

*Trapa* natans L. - water-chestnut, water-nut, water-caltrop. DC, MD, VA. Escape. All four DC specimens very old. Fish Ponds, to which it was originally introduced, are long gone. Became well established downriver, and several MD and VA specimens were collected as late as 1938 (see also McAtee 1930, p. 44).

TROPAEOLACEAE The Nasturtium Family


ULMACEAE The Elm Family

*Celtis* laevigata Willd. - sugarberry, southern hackberry. (*C. mississippiensis* Bosc) DC, VA (Atlas).

*C. occidentalis* L. - hackberry, northern hackberry. (*C. crassifolia* Lam., *C. pumila* Pursh) DC, MD, VA.

*C. tenuifolia* Nutt. - dwarf hackberry. (*C. pumila* Pursh, misapplied) DC, MD, VA.

*Ulmus* americana L. - American elm. DC, MD, VA.

*U. glabra* Huds. - Scotch elm, wych elm, broad-leaved elm. (*U. campestris* L., in part). Widely planted and believed to be escaping.


*U. rubra* Muhl. - slippery elm, red elm. (*U. fulva* Michx.) DC, MD, VA.
URTICACEAE The Nettle Family

Boehmeria
cylindrica (L.) Sw. - false nettle. (B. drummondiana Wedd.) DC, MD, VA.
nivea (L.) Gaudich. - ramie, Chinese silk-plant. DC (E.S. Steele s.n., 1898, 1899). Waif.

Laportea
canadensis (L.) Wedd. - wood-nettle. (Urticastrum divaricatum (L.) Kuntze) DC, MD, VA.

Parietaria
pennsylvanica Muhl. ex Willd. - pellitory. DC, MD, VA.

Pilea
pumila (L.) A. Gray - richweed, clearweed. DC, MD, VA.

Urtica
ballotifolia Wedd. - MD: Baltimore City, Locust Point (Reed 1964). Waif, from tropics.
dioica L. - stinging nettle, nettle. (U. gracilis Aiton, U. procera Muhl. ex Willd.) DC, MD, VA. Both
native (ssp. gracilis (Aiton) Selander) and naturalized (ssp. dioica) in W-B Area (Boufford 1997).

VALERIANACEAE The Valerian Family

Valeriana
pauciflora Michx. - valerian, large-flowered valerian, long-tubed valerian, few-flowered valerian. MD, VA.

Valerianella
chenopodiifolia (Pursh) DC. - goosefoot, corn-salad, Great Lakes corn-salad. MD: Montgomery Co., High Island (J.W. Chickering, Jr. s.n., 1870), VA: Fairfax Co., Dyke (W. Palmer s.n., 1901).
radiata (L.) Dufr. - beaked corn-salad. DC, MD, VA.
VERBENACEAE The Vervain Family

**Callicarpa**
- ***american*** L. - American beautyberry. **VA.**

**Glandularia**
- ***bipinnatifida*** (Nutt.) Nutt. - Dakota vervain. **(Verbena bipinnatifida** Nutt.) **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from west.

**Phyla**
- ***lanceolata*** (Michx.) Greene - fogfruit, green fogfruit, frogfruit. **(Lippia lanceolata** Michx.) **DC, MD, VA.**

- ***nodiflora*** (L.) Greene - fogfruit. **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from south.

**Verbena**
- ***bracteata*** Lag. & Rodr. - large-bracted vervain, prostrate vervain. **MD:** Baltimore City (**B. Sollers s.n., 1890**).

- ***hastata*** L. - blue vervain, common vervain, hastate-leaf vervain. **DC, MD, VA.**

- ***officinalis*** L. - European vervain. **DC, MD:** Baltimore City, Canton, chrome ore piles (Reed 1964); Charles Co. (**Leonard & Killip 807, 1921**), **VA.** Naturalized.

- ***scabra*** Vahl. - rough vervain. **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from south or southwest.

- ***simplex*** Lehm. - narrow-leaved vervain. **(V. angustifolia** Michx.) **DC, MD, VA.**

- ***urticifolia*** L. - white vervain, nettleleaf vervain. **DC, MD, VA.**

VIOLACEAE The Violet Family

**Hybanthus**
- ***concolor*** (T.F. Forst.) Spreng. - green violet. **(Cubelium concolor** (T.F. Forst.) Raf.) **DC, MD, VA.**

**Viola**
- ***affinis*** Leconte - Leconte's violet. **(V.x filicetorum** Greene (type from DC area), **V. nepetifolia** Greene (type from DC area), **V. palmata** L., in part, in sense of Atlas, **V. sororia** Willd., in part, in sense of Gleason and Cronquist 1991, p. 160) **DC, MD, VA.**

- ***arvensis*** Murray - European wild pansy, European field pansy. **(V. tricolor var. arvensis** (Murray) Boiss.) **MD:** Montgomery Co. (**F.R. Fosberg 66261, 1992**); Prince George's Co., Beltsville (**Terrell et al. 1999**). Naturalized.

- ***bicolor*** Pursh - field pansy, wild pansy. **(V. kitaibeliana** Roem. & Schult. var. **rafinesquei** (Greene) Fernald, **V. rafinesquei** Greene, **V. tenella** Raf., **V. tricolor** L. var. **arvensis** (Murray) Boiss. misapplied) **DC, MD, VA.**

- ***blanda*** Willd. - sweet white violet. **(V. incognita** Brainerd) **MD, VA** (Atlas).
Viola - cont.


**canadensis** L. - Canada violet, tall white violet. **VA** (Atlas). The few US specimens under this name in W-B Herbarium all proved to be *V. striata* Aiton. B&B 1984 report for W-B Area probably based on FJH 1946, which in turn was probably based on misidentified US collections.

**chinensis** G. Don - **DC** (Britton & Brown 1913, p. 558). Status unknown. Reported as waif in FJH 1946 based on DC report in Britton & Brown 1913.

**conspersa** Rchb. - American dog violet. (*V. labradorica* Schrank, misapplied) **DC, MD, VA.**

**cucullata** Aiton - blue marsh violet. (*V. fontana* Greene (type from DC area), *V. macrotis* Greene (type from DC area), *V. palmata* L., in part, in sense of Atlas) **DC, MD, VA.**


**hirsutula** Brainerd - southern wood violet, southern woolly violet. (*V. villosa* Walter, in part, in sense of Gleason & Cronquist 1991, p. 160) **DC, MD, VA.**

**lanceolata** L. - lance-leaved violet, strap-leaved violet. **DC, MD, VA.**

**macloskeyi** F.E. Lloyd - northern white violet, wild white violet. (*V. pallens* (Banks ex DC.) Brainerd) **MD**: Frederick Co. (B&B 1984), **VA**: Fairfax Co., Great Falls (*E.S. Steele s.n.*, 1906, determined by N.H. Russell 1950). Eastern plants are all ssp. *pallens* (Banks ex DC.) M.S. Baker.

**odorata** L. - English violet, sweet violet. **MD**: Baltimore Co. (*A. Steitz s.n.*, 1894; *A.K. Blunt s.n.*, 189_), **VA**: Fairfax Co. (H&S). Escape.

**palmata** L. - wood violet, palmate-leaved violet. (*V. septemloba* Leconte, misapplied, *V. stoneana* House) **DC, MD, VA.**

**pedata** L. - bird's-foot violet, pansy violet. **DC, MD, VA.**

**primulifolia** L. - primrose violet, primrose-leaved violet. **DC, MD, VA.**


**sagittata** Aiton - arrow-leaved violet, arrowhead violet. **DC, MD, VA.**
Viola - cont.

sororia Willd. - common blue violet, dooryard violet, meadow violet. (V. x communis Pollard (type from DC area), V. x conjugens Greene, V. x domestica E.P. Bicknell, V. x familiaris Greene (type from DC area), V. x grandis Greene (type from DC area), V. x induta Greene (type from DC area), V. laetecarulea Greene, V. papilionacea Pursh, V. priceana Pollard, V. septentrionalis Greene) DC, MD, VA.

striata Aiton - creamy violet, striped violet, pale violet. DC, MD, VA.


triloba Schwein. - three-lobed violet. (V. ornithodes Greene (type from DC), V. palmata L., misapplied, V. vespertilionis Greene (type from DC)) DC, MD, VA.

VISCACEAE The Christmas Mistletoe Family

Phoradendron

serotinum (Raf.) M.C. Johnston - mistletoe, American Christmas mistletoe. (P. flavescens (Pursh) Nutt. ex Engelm., P. leucarpum (Raf.) Reveal & M.C. Johnston) DC, MD, VA. DC specimens (all old) probably from nearby MD or VA.

VITACEAE The Grape Family

Ampelopsis

arborea (L.) Koehne - pepper-vine. DC: Brookland (R. Ridgway s.n. 1897), Terra Cotta (H&S), MD (B&B 1972).

brevipedunculata (Maxim.) Trautv. - porcelain-berry. (A. heterophylla (Thunb.) Siebold & Zucc.) DC, MD, VA. Naturalized.

cordata Michx. - raccoon-grape. VA (Atlas).

Parthenocissus

quinquefolia (L.) Planch. - Virginia-creeper. DC, MD, VA.

Vitis

aestivalis Michx. - summer grape, pigeon grape. DC, MD, VA.

cinerea Engelm. - graybark grape, pigeon grape. DC, MD, VA. Not recognized in B&B (1972) or Atlas; doubtfully distinct from V. aestivalis Michx.

labrusca L. - fox grape. DC, MD, VA.

riparia Michx. - riverbank grape, frost grape. (V. cordifolia Michx., misapplied, V. vulpina L., misapplied) DC, MD, VA: Fairfax Co. (H.G. Deignan 1364, 1946).

rotundifolia Michx. - muscadine grape, scuppernong grape. VA.
Vitis - cont.

**rupestris** Scheele - sand grape, sugar grape. **DC**: Chain Bridge Flats (*Maxon & Standley 359, 1916), **MD, VA** (Atlas). One collection (*E.S. Steele s.n.*, 1898, 2 specimens) from Great Falls -- MD or VA?

**vulpina** L. - frost grape, winter grape, chicken grape. (*V. cordifolia* Michx., *V. riparia* Michx., misapplied) **DC, MD, VA**.

**ZYGOPHYLLACEAE The Creosote-bush Family**

**Kallstroemia**

**parviflora** Norton - small-flowered caltrop. (*K. intermedia* Rydb., *K. maxima* (L.) Hook., misapplied) **DC** (*G.H. Hicks s.n.*, 1895, as "*Kallstroemia maxima* (L.) T. & G." -- see H&S), **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from west.

**Tribulus**

**terrestris** L. - puncture-vine. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Naturalized.
Key to Abbreviations of Authors of Plant Names

The abbreviations follow the standards established by Brummitt & Powell 1992. Other abbreviations that have been used appear in column 4. The abbreviation “fl.” for the Latin *floruit* ("flowered"), signifies a known date in the life of the author that is neither the birth nor the death date.

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The “Primary Sources” are the key publications on the flora of the Washington-Baltimore Area from which species have been compiled and evaluated for this Checklist. The “Principal References” are the manuals and other floristic reference works for the region that were consulted regularly during preparation.


_____. 1953. The Ferns and Fern Allies of Maryland and Delaware, Including District of Columbia. Reed Herbarium, Baltimore. 286 p. [PS]


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