

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

Part I

Ferns, Fern Allies, Gymnosperms, and Dicotyledons

*by*

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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 Wisner--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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## 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.”
2. Knowlton, Frank H. 1886. “Additions to the flora of Washington and vicinity from April 1, 1884, to April 1, 1886.” *Proc. Biol. Soc. Washington* 3: 106-132.
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.”
7. McAtee 1930, “Seventh supplement to the flora of the District of Columbia 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

by Frederick J. Hermann, *A Checklist of Plants in the Washington-Baltimore Area* first appeared in 1941, and the second edition came out in 1946. Both were distributed in duplicated form.

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:

Brown and Brown 1972, *Woody Plants of Maryland*. Cited as B&B 1972.

Brown and Brown 1984, *Herbaceous Plants of Maryland*. B&B 1984.

Harvill *et al.* 1992, *Atlas of the Virginia Flora. III*. Atlas.

- Hermann 1941, *A Checklist of the Plants in the Washington-Baltimore Area*. FJH 1941.  
 Hermann 1946, *A Checklist of the Plants in the Washington-Baltimore Area*. FJH 1946.  
 Hitchcock and Standley 1919, *Flora of the District of Columbia and Vicinity*. H&S.  
 Redman 1992, "An annotated list of the ferns and fern allies of Maryland and the District of Columbia."  
 Redman 1992.  
 Reed 1953, *The Ferns and Fern Allies of Maryland and Delaware, Including the District of Columbia*. Reed 1953.  
 Ward 1881, *Guide to the Flora of Washington and Vicinity*. Ward 1881.

### 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*.  
 Fernald 1950, *Gray's Manual of Botany*. Ed. 8.  
 Flora of North America Editorial Committee 1993, 1997, *Flora of North America North of Mexico*, Vols. 2, 3. Cited by individual authors in the *Flora*.  
 Gleason 1952, *The New Britton and Brown Illustrated Flora of the Northeastern United States and Adjacent Canada*.  
 Gleason and Cronquist 1991, *Manual of Vascular Plants of Northeastern United States and Adjacent Canada*. Ed. 2.  
 Kartesz 1994, *A Synonymized Checklist of the Vascular Flora of the United States, Canada, and Adjacent Greenland*. Ed. 2. 2 vols.  
 Lellinger 1985, *A Field Manual of the Ferns and Fern-Allies of the United States & Canada*.  
 Radford, Ahles and Bell 1968, *Manual of the Vascular Plants of the Carolinas*.  
 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).
2. *Equisetum laevigatum* A. Braun. Included by Reed (1953, p. 254, 264) as *E. hyemale* L. var. *intermedium* A. A. Eaton: "Said to occur in Baltimore County [MD], but no authentic specimens available" (p. 254). Not included by Redman (1992) in his checklist.
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.
6. *E. vermiculata* Raf. (*Chamaesyce rafinesquei* (Greene) Arthur, *C. vermiculata* (Raf.) House, *E. rafinesquei* Greene) "Reported from Great Falls and Marshall Hall..." (H&S 1919, p. 195), but there are no documentary collections.
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.....	<u>781</u>
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>.



**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.**

**x 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).

**hyemale** L. - common scouring-rush. (*E. affine* Engelm., *E. hyemale* var. *pseudohyemale* (Farw.) C.V. Morton, *E. hyemale* var. *robustum* (A. Braun) A.A. Eaton, *E. prealtum* Raf., *E. robustum* A. Braun) **DC, MD, VA.** All American plants regarded as var. *affine* (Engelm.) A. A. Eaton (Lellinger 1985, p. 98) or ssp. *affine* (Engelm.) Calder and Roy L. Taylor (Hauke 1993).

**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**

**engelmannii** 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.**
- hickeyi** W.H. Wagner, Beitel & R.C. Moran - Hickey's tree clubmoss. (*L. obscurum* var. *isophyllum* Hickey) **MD**: Prince George's Co., Suitland Bog (C.F. Reed 128204, 1989).
- inundatum** L. - northern bog clubmoss. (*Lycopodiella inundata* (L.) Holub.) **VA**: Prince William Co. (Atlas).
- 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

ADIANTACEAE *The Maidenhair Fern Family***Adiantum**

**capillus-veneris** L. - Venus's-hair fern, southern maidenhair fern. **MD**: Montgomery Co., woodside (Benedict 1924). Waif, temporarily persisting. Benedict's locality later destroyed (McAtee 1930, p. 23). *Adiantum* also placed in Pteridaceae (Windham 1993a) or Sinopteridaceae (Lellinger 1985).

**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).

**tomentosa** Link - wooly lip fern. **VA**: Culpeper Co., Buzzard Mt. (*H.A. Allard 19613, 20354, 1950, 1952*).

**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.

x **ebenoides** R.R. Scott (*A. platyneuron* x *rhizophyllum*) - Scott's spleenwort. (x *Asplenosorus ebenoides* (R.R. Scott) Wherry) **MD, VA**: Fairfax Co., Little Falls (*T. Ulke s.n., 1915*).

**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 trudellii* 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 virginicum* 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**.

**ruta-muraria** L. - wall-rue, wall-rue spleenwort. (*A. cryptolepis* Fernald) **MD**: Frederick Co. (*E.C. Leonard* 2702, 1924), **VA**: Loudoun Co. (*H.A. Allard* 20491, 1952).

**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**

**caroliniana** Willd. - eastern mosquito fern. **DC** (*Z. Kelso s.n.*, 1950), **MD**: Calvert Co. (*N. Hotchkiss* 7348, 1952); Montgomery Co., Plummer's Island (*Hotchkiss & Leonard* 3591, 1961).

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.) Woy. 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 slossoniae* 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**

**bibernatum** (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).

**simplex** E. Hitchc. - least moonwort. **MD**: Montgomery Co., Bethesda (*F.C. Coe s.n.* 1942, as var. *tenebrosum* (A.A. Eaton) R.T. Clausen). A somewhat doubtful record; possibly depauperate *B. matricariifolium* (cf. Fessenden 1945, Reed 1953).

**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**

**polypodioides** (L.) Watt - resurrection fern, Gray's fern. (*Pleopeltis polypodioides* (L.) E.G. Andrews & Windham var. *michauxiana* (Weath.) E.G. Andrews & Windham) **MD, VA.** All American plants regarded as var. *michauxianum* Weath. (Lellinger 1985, p. 195; Andrews & Windham 1993).

**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

*multifida* Poir. - spider brake, spider fern. **DC** (*F.J. Hermann 12605, 13588, 1956, 1957*). Escape. Probably not persisting long.

*vittata* L. - Chinese ladder brake, ladder brake, Chinese brake. **DC** (*F.N. Irwing s.n., 1942*). Escape. Probably not persisting long.

SCHIZAEACEAE *The Climbing Fern Family*

## Lygodium

*palmatum* (Bernh.) Sw. - American climbing fern. **MD, VA** (Atlas). *Lygodium* placed by some (Nauman 1993) in monotypic family Lygodiaceae.

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 thelypterioides* (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).

*simulata* (Davenp.) Nieuwl. - Massachusetts fern. (*Aspidium simulatum* Davenp., *Dryopteris simulata* Davenp.) **DC** (*P. Fleming 2285, 1989*), **MD, VA**: Westmoreland Co. (Atlas).

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.**

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

**Cystopteris**

**bulbifera** (L.) Bernh. - bulblet bladder fern, bulblet fern, bladder fern. (*Filix bulbifera* (L.) Underw.) **MD:** Frederick Co., Catoctin Furnace (*W.H. Wagner 2003, 1944*; det. by C. Haufler, 1991, as probably *C. bulbifera xtenuis*), **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**

**dryopteris** (L.) Newman - common oak fern. (*Dryopteris disjuncta* (Ledeb.) C.V. Morton, *Phegopteris dryopteris* (L.) Fée) **MD:** Baltimore Co. (Shreve et al. 1910, p. 388). *Gymnocarpium* also placed in Dryopteridaceae (A.R. Smith 1993b). Baltimore locality destroyed in 1895 (Reed 1953).

**Matteuccia**

**struthiopteris** (L.) Tod. - ostrich fern. (*M. pensylvanica* (Willd.) Raymond, *Onoclea struthiopteris* (L.) Hoffm., *Pteritis pensylvanica* (Willd.) Fernald, *P. nodulosa* (Michx.) Nieuwl., misapplied) **DC, MD, VA.** All American plants regarded as var. *pensylvanica* (Willd.) C.V. Morton (Lellinger 1985, p. 247; D.M. Johnson 1993). *Matteuccia* also placed in Onocleaceae (Gleason & Cronquist 1991) or Dryopteridaceae (A.R. Smith 1993b).

**Onoclea**

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

**Woodsia**

**obtusa** (Spreng.) Torr. - blunt-lobed cliff fern. **DC, MD, VA.** W-B Area plants ssp. *obtusa* (Windham 1993a). *Woodsia* also placed in Dryopteridaceae (A.R. Smith 1993b).

## GYMNOSPERMS

CUPRESSACEAE *The Cypress Family***Chamaecyparis**

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

**Juniperus**

**virginiana** L. - eastern red-cedar, Virginia juniper. **DC, MD, VA.** W-B area plants var. *virginiana* (Adams 1993).

**Taxodium**

**distichum** (L.) Rich. - bald-cypress, pond-cypress. (*T. ascendens* Brongn.) **MD, VA.** Widely planted in region. Large stand in tidal inlet on Roosevelt Island, DC, planted.

PINACEAE *The Pine Family***Picea**

**abies** (L.) H. Karst. - Norway Spruce. Escape in DC area (McAtee 1930, p. 23).

**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.

**sylvestris** L. - Scotch pine. **MD:** Baltimore Co. (*E. Baltars 1711*, 1957). Escape. Widely planted but doubtfully naturalizing in region. American cultivated and escaped plants var. *sylvestris* (Kral, 1993).

**taeda** L. - loblolly pine. **MD, VA:** Lancaster Co. (*L.B. Smith 5511*, 1951). Planted and perhaps escaping in DC and region.

**virginiana** Mill. - scrub pine, Virginia pine, Jersey pine. (*P. inops* Sol. ex Aiton (Ward 1881)) **DC, MD, VA.**

**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.

**canadensis** Marshall - Canada yew, American yew, ground-hemlock. **VA:** Prince William Co. (Atlas).

## 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.**

**palmatum** Thunb. - Japanese maple. **DC:** Rock Creek Park. Escape.

**pensylvanicum** L. - striped maple, moosewood. **MD:** Frederick Co. (B&B 1972).

**platanoides** L. - Norway maple. **DC:** Rock Creek Park (*P. Fleming 1031*, 1989), **MD** (inferred from B&B 1972), **VA** (Atlas). Escape.

**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***Sesuvium**

**maritimum** (Walter) B.S.P. - sea-purslane. **VA:** Northumberland Co. (Atlas).

AMARANTHACEAE *The Amaranth Family***Alternanthera**

**philoxeroides** (Mart.) Griseb. - alligator-weed. **VA:** Fairfax Co. (Atlas). Waif.

**Amaranthus**

**albus** L. - tumbleweed. (*Amaranthus graecizans* L., misapplied.) **DC, MD, VA** (Atlas).

**blitoides** S. Watson - tumbleweed. (*Amaranthus graecizans* L., misapplied.) **DC** (*C. Mohr s.n.*, 1882), **MD**: Baltimore (*A. Fredholm 2116*, 1896).

**blitum** L. - (*Amaranthus lividus* L.) **MD**: Baltimore Co.; Prince George's Co. (Terrell et al. 1999), **VA**: Fairfax Co. (Atlas). Waif.

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

**cruentus** L. - red amaranth, purple amaranth. (*Amaranthus hybridus* var. *cruentus* (L.) Moq., *A. paniculatus* L.) **DC**. Cultivated and occasionally escaping. Current status?

**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**.

**palmeri** S. Watson - careless-weed. **MD**: Baltimore (*C.F. Reed 32979*, 1953), **VA**: Arlington Co. (*J.B.S. Norton s.n.*, 1915). Waif.

**retroflexus** L. - rough pigweed, redroot. **DC, MD, VA** (Atlas). Naturalized.

**spinosus** L. - spiny amaranth, thorny amaranth. **DC, MD, VA**. Naturalized.

**Celosia**

**argentea** L. - silvery celosia. **VA**: Arlington Co. (*F.J. Hermann 9627*, 1938). Escape, from tropics. This specimen *C. argentea* x *crinata*, according to W.F. Grant, 1961.

**crinata** L. - cockscomb. **MD**: Prince George's Co. (*E.C. Leonard 20729*, 1953). Escape.

**Froelichia**

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

**gracilis** (Hook.) Moq. - slender cottonweed. **MD**: Baltimore (*C.F. Reed 65410*, 1963).

**Iresine**

**rhizomatosa** Standl. - bloodleaf. **MD**: Plummer's Island, Montgomery Co. (several old specimens; holotype: *P.C. Standley 12500*, 1915, US865290), **VA**: Westmoreland Co. (Atlas). Plummer's Island is type locality, but population apparently long since extirpated. Also found on nearby Mineshoe Island (*C.R. Shoemaker s.n.*, 1923).

**ANACARDIACEAE** *The Sumac Family***Rhus**

**aromatica** Aiton - fragrant sumac, squaw-bush. (*Schmaltzia crenata* (Mill.) Greene) **DC**: Rock Creek Park (*D.W. Hayes 43-45*, 1943), **MD, VA**. Probably planted in DC.

**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**

**pubescens** Mill. - poison-oak. (*Rhus quercifolia* (Michx.) Steud., *R. toxicarium* Salisb., *R. toxicodendron* L., *Toxicodendron quercifolia* (Michx.) Greene, *T. toxicarium* (Salis.) Gillis) **DC, MD, VA.**

**radicans** (L.) Kuntze - poison-ivy. (*Rhus radicans* L., *R. toxicodendron* L., misapplied, *Toxicodendron pubescens* Mill., misapplied, *T. toxicodendron* Britton, misapplied) **DC, MD, VA.**

**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

podagraria L. - goutweed. **DC** (*P. Fleming* 800, 1988), **MD, VA** (Atlas). Escape.

## Anethum

graveolens L. - dill. **VA:** Fauquier Co. (Atlas). Waif.

**Angelica**

**atropurpurea** L. - purple angelica, purplestem angelica. **MD:** Calvert Co. (*J.W. Turpin* 307, 1941). Apparently this species.

**venenosa** (Greenway) Fernald - hairy angelica. (*A. hirsuta* (Torr. & A. Gray) Chapm., *A. villosa* (Walter) B.S.P., *Archangelica hirsuta* Torr & A. Gray) **DC, MD, VA.**

## Anthriscus

cerefolium (L.) Hoffm. - chervil. **VA:** Fauquier Co. (Atlas). Escape.

## Biflora

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

## Bupleurum

lancifolium Hornem. - thoroughwax. (*B. protractum* Hoffm. & Link) **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

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

rotundifolium L. - thoroughwax. **DC** (*F.V. Coville s.n.*, 1889), **MD:** Montgomery Co. (*G.S. Miller s.n.*, 1898), **VA:** Fauquier Co. (*H.A. Allard* 6619, 1939). Waif.

**Carum**

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

**Chaerophyllum**

*bulbosum* L. - turnip-rooted chervil, parsnip chervil. **DC**: Fish Ponds (4 specimens 1899-1902). Waif.

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

*tainturieri* Hook. - southern chervil. **MD**: Montgomery Co., opposite Plummer's Island (*P.C. Standley 11418*, 1915), **VA** (Atlas). Standley's specimen probably *C. tainturieri*; fruits have distinct wide ribs, though ellipsoid in shape.

**Cicuta**

*bulbifera* L. - bulbiferous water-hemlock. **MD**: Montgomery Co. (*E.C. Leonard 1367*, 1919), **VA**: Arlington Co. (Atlas). Common along Potomac River according to B&B 1984.

*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. (*Deringa canadensis* (L.) Kuntze) **DC, MD, VA**.

**Cyclospermum**

*leptophyllum* (Pers.) Sprague - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

**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**

**maximum** Bartram - cow-parsnip. (*H. lanatum* Michx., *H. spondylium* L., as to American plants) **DC**: Fletcher's Landing (color slides of H.W. Wibert, 1953, 1955 - sheets 2099864, 2388516), **MD**, **VA**: Loudoun Co. (Atlas).

**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).

**verticillata** Thunb. - whorled water pennywort, whorled pennywort. **MD, VA**: Stafford Co. (*A.L. Nelson s.n.*, 1934; see also Atlas).

**Ligusticum**

**canadense** (L.) Britton - nondo, angelico, American lovage. **MD**: Frederick Co. (*E. Baltars 192*, 1949), **VA**: Fauquier Co. (Atlas).

**Lilaeopsis**

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

**Oenanthe**

**aquatica** (L.) Poir. - water-fennel. (*O. phellandrium* Lam.) **DC** (*E.S. Steele s.n.*, 1897), **MD**: "D.C. area" (B&B 1984). Waif.

**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**

**saxifraga** L. - burnet-saxifrage. **MD**: Baltimore Co. (B&B 1984); Montgomery Co. (McAtee 1930, p. 31). Waif.

**Ptilimnium**

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

**Ptilimnium** - cont.

**nodosum** (Rose) Math. - harperella, riverbank mock-bishopweed. (*Harperella fluviatilis* Rose, *H. nodosa* Rose, *H. vivipara* Rose, *P. fluviatile* (Rose) Math., *P. viviparum* (Rose) Math.) **MD**: Potomac Valley (B&B 1984).

**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, trifoliolate 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**

**suave** Walter - water-parsnip. (*S. cicutifolium* Schrank, *S. "laeve* Walt." of H&S, *S. lineare* Michx.) **DC, MD, VA.**

**Spermolepis**

**inermis** (Nutt. ex DC.) Math. & Constance - western spermolepis. **MD**: Baltimore Co. (B&B 1984).

**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.

*nodosa* (L.) Gaertn. - knotted hedge-parsley. **MD**: "near Baltimore" (*D. Foreman s.n.*, 1876; see also B&B 1984). Waif.

**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.**

**x 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**

**difforme** (Walter) A. Gray - climbing-dogbane. **DC**: Chain Bridge flats (*E.H. Walker 974*, 1930), **MD**: Anne Arundel Co. (*P.L. Ricker 3964*, 1943), **VA**: Arlington Co. (Atlas).

**Vinca**

**major** L. - large periwinkle, greater periwinkle. **VA**: Fairfax Co., Belle Haven (*E. & S. Shetler s.n.*, 1973). Persisting and spreading from cultivation.

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

#### AQUIFOLIACEAE *The Holly Family*

**Ilex**

**crenata** Thunb. - Japanese holly. **DC**: Rock Creek Park (*P. Fleming 820*, 1988). Escape.

**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.

**montana** T. & G. ex A. Gray - mountain holly, bigleaf holly. **VA**: Fauquier Co. (Atlas).

**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**

**minor** (Ashe) H.L. Blomq. - heartleaf. (*Asarum minus* Ashe, *A. virginicum* L., in part, *H. virginica* (L.) Small, in part) **VA**: Fauquier Co. (Atlas).

**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.**

**incarnata** L. - swamp milkweed. (*Asclepias incarnata* ssp. *pulchra* (Ehrh. ex Willd.) Woodson, *A. incarnata* var. *pulchra* (Ehrh. ex Willd.) Pers., *A. pulchra* Ehrh. ex Willd.) **DC, MD, VA.** Most plants in local flora fit characters of var. *pulchra*.

**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.**

**louiseae** Kartesz & Gandhi - black swallow-wort. (*C. nigrum* (L.) Cav., misapplied, *Vincetoxicum nigrum* (L.) Moench, misapplied) **MD:** Baltimore Co. (*G.R. Fessenden 5405*, 1952).

**Matelea**

**carolinensis** (Jacq.) Woodson - (*Gonolobus carolinensis* (Jacq.) R. Br. ex Nutt., misapplied, *G. hirsutus* Michx., *Vincetoxicum carolinense* (Jacq.) Britton, *V. hirsutum* (Michx.) Britton) **DC, MD, VA.**

**decipiens** (Alexander) Woodson - (*Gonolobus decipiens* (Alexander) L.M. Perry) **MD?** (B&B 1984), **VA:** Lancaster Co. (Atlas). Report from Washington-Baltimore Area (B&B 1984) probably based on misidentification. This species not in Washington area, according to D.J. Drapalnik's annotation, 1970.

**gonocarpos** (Walters) Shinnars - anglepod. (*Gonolobus suberosus* (L.) R. Br., misapplied, *M. suberosus* (L.) Shinnars, misapplied, *Vincetoxicum suberosum* (L.) Britton, misapplied) **MD:** ?Prince George's Co. (H&S, "along the Potomac near Fort Washington"), **VA:** Lancaster Co. (Atlas).

**obliqua** (Jacq.) Woodson - (*Gonolobus obliquus* (Jacq.) R. Br. ex J. Schult., *G. shortii* A. Gray, *M. shortii* (A. Gray) Woods., *Vincetoxicum obliquum* (Jacq.) Britton, *V. shortii* (A. Gray) Britton) **DC, MD, VA.**

ASTERACEAE *The Aster Family*

## Acanthospermum

**australe** (Loefl.) Kuntze - Paraguay-bur. **VA**: Arlington Co., railroad embankment (*E. Summers s.n.*, 1912; cf. H&S). Waif, from tropics.

## 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

**conyzoides** 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.

**tinctoria** L. - yellow chamomile. **MD, VA**: Arlington Co. (Atlas). Waif.

**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**

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

**Arnoglossum**

*atriplicifolium* (L.) H. Rob. - pale Indian-plantain. (*Cacalia atriplicifolia* L., *Mesadenia atriplicifolia* (L.) Raf.) **DC, MD, VA.**

*muhlenbergii* (Sch. Bip.) H. Rob. - great Indian-plantain. (*Cacalia muhlenbergii* (Sch. Bip.) Fernald, *C. reniformis* Muhl. ex Willd., misapplied, *Mesadenia muhlenbergii* (Sch. Bip.) Rydb., *M. reniformis* Raf.) **DC**?: Chain Bridge (*J.W. Chickering, Jr. s.n.*, 1873), **MD.**

**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.

*stelleriana* Besser - dusty-miller, beach wormwood, old-woman. **DC** (*L.F. Ward s.n.*, 1886), **VA:** Northumberland Co. (Atlas). Escape.

*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. (*Symphotrichum dumosum* (L.) G.L. Nesom) **DC, MD, VA.**
- ericoides** L. - heath aster, squarrose white aster, dense-flowered aster. (*A. multiflorus* Aiton, *A. pilosus* Willd., misapplied, *Lasallea ericoides* (L.) Semple & Brouillet, *Symphotrichum ericoides* (L.) G.L. Nesom, *Virgulus ericoides* (L.) Reveal & Keener) **MD** (inferred from B&B 1984), **VA**: Fauquier Co. (*H.A. Allard 12196*, 1946). E.C. Leonard's many collections from Riverdale, Prince George's Co., made Sept. 17, 1961, and identified as this species belong instead to *A. racemosus*. Commonly confused with *A. pilosus*.
- gracilis** Nutt. - slender aster. (*Eurybia compacta* G.L. Nesom) **MD**: St. Mary's Co., **VA** (Atlas). Several specimens from St. Mary's Co.
- infirmus** Michx. - cornel-leaved aster, Appalachian flat-topped white aster. (*Doellingeria infirma* (Michx.) Greene) **DC, MD, VA.**
- laevis** L. - smooth aster. (*A. concinnus* Willd., *Symphotrichum laeve* (L.) A. Love & D. Love) **DC, MD, VA.**
- lanceolatus** Willd. - paniced aster, tall white aster, eastern lined aster. (*A. paniculatus* Lam., *A. praealtus* Poir., misapplied, *A. salicifolius* Lam., misapplied, *A. simplex* Willd., *A. tradescantii* L., misapplied, *Symphotrichum lanceolatum* (Willd.) G.L. Nesom) **DC, MD, VA.** Specimens identified as *A. praealtus* Poir. (some under *A. salicifolius* Aiton) seem to be this species.
- lateriflorus** (L.) Britton - calico aster, starved aster, goblet aster. (*A. diffusus* Aiton, *A. miser* Nutt., *A. tradescantii* L., misapplied, *A. vimineus* Lam., *Symphotrichum lateriflorum* (L.) A. Love & D. Love) **DC, MD, VA.**
- linariifolius** L. - stiff aster, stiff-leaved aster. (*Ionactis linariifolia* (L.) Greene) **DC, MD, VA.**
- macrophyllus** L. - big-leaved aster. (*Eurybia macrophylla* (L.) Cass.) **DC**: "near Washington, D.C." (*W.H. Seaman s.n.*, undated), **VA** (Atlas). Seaman specimen probably from VA or from outside W-B Area.
- novae-angliae** L. - New England aster. (*Lasallea novae-angliae* (L.) Semple & Brouillet, *Symphotrichum novae-angliae* (L.) G.L. Nesom, *Virgulus novae-angliae* (L.) Reveal & Keener) **DC, MD, VA.**
- novi-belgii** L. - New York aster. (*A. aestivus* Aiton [Dryand.], *A. elodes* Torr. & A. Gray, *Symphotrichum novi-belgii* (L.) G.L. Nesom) **DC, MD, VA.**
- oblongifolius** Nutt. - aromatic aster, shale-barren aster. (*Lasallea oblongifolia* (Nutt.) Semple & Brouillet, *Symphotrichum oblongifolium* (Nutt.) G.L. Nesom, *Virgulus oblongifolius* (Nutt.) Reveal & Keener) **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.
- patens** Aiton - late purple aster, clasping aster. (*A. phlogifolius* Muhl. ex Willd., *Lasallea patens* (Aiton) Semple & Brouillet, *Symphyotrichum patens* (Aiton) G.L. Nesom, *S. phlogifolium* (Muhl. ex Willd.) G.L. Nesom, *Virgulus patens* (Aiton) Reveal & Keener) **DC, MD, VA**.
- 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* Lam., *Symphyotrichum puniceum* (L.) A. Löve & D. Löve) **DC, MD, VA**.
- racemosus** Elliott - small white aster, small-headed aster. (*A. fragilis* Willd., misapplied, *A. vimineus* 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. corrigiatus* E.S. Burgess, *A. gracilescens* 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**

*perennis* L. - English daisy. **DC, MD** (B&B 1984), **VA**: Lancaster Co. (Atlas). Escape.

**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, stick-tight. (*B. chrysanthemoides* Michx., in part, *B. leptomeria* Greene (type from DC area)) **DC, MD, VA**.

**coronata** (L.) Britton - northern tickseed-sunflower. (*B. trichosperma* (Michx.) Britton) **MD, VA**: Stafford & King George cos. (Atlas).

**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.

**tripartita** L. - beggar-ticks, tickseed. (*B. comosa* (A. Gray) Wiegand, *B. connata* Muhl. ex Willd.) **DC, MD, VA**. Naturalized.

**vulgata** Greene - tall beggar-ticks, tall stick-tight, common beggar-ticks. **DC, MD, VA**.

**Boltonia**

**asteroides** (L.) L'Her. - boltonia. **MD**: Harford Co. (FJH 1946).

**Borrichia**

**frutescens** (L.) DC. - sea-oxeye. **VA**: Lancaster Co. (*L.B. Smith* 5577, 1951).

**Carduus**

**acanthoides** L. - plumeless thistle. **MD**: Harford Co. (*E. Baltars* 2500, 1959; see also B&B 1984), **VA** (Atlas). Naturalized.

**Carduus** - cont.

*crispus* L. - curled thistle, welted thistle. **MD**: Frederick Co. (*E. Baltars* 2729, 1960; see also B&B 1984). Naturalized.

*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.

*cineraria* L. - dusty-miller. **MD**: Prince George's Co. (B&B 1984). Escape.

*cyanus* L. - bachelor's-button, cornflower, bluebottle. **DC, MD, VA** (Atlas). Escape.

*debeauxii* Gren. & Godr. - (*C. xpratensis* Thuill, misapplied) **VA**: Fairfax Co. (Atlas).

*depressa* M. Bieb. - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Escape.

*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.

*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.

*nigrescens* Willd. - short-fringed knapweed, Wocheiner knapweed. (*C. dubia* Suter, misapplied, *C. vochinensis* Bernh. ex Rchb.) **DC** (*J.B.S. Norton s.n.*, 1915), **MD, VA**. Naturalized.

*solstitialis* L. - yellow star-thistle. **MD**: Prince George's Co. (*Uhler & Nelson s.n.*, 1933), **VA**: Fairfax Co. (*C.L. Shear s.n.*, 1909). Waif.

**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**

*graminifolia* (Michx.) Elliott - silkgrass, grass-leaved golden-aster. (*C. adenolepis* Fernald, *C. aspera* Shuttlew. ex Small, *Heterotheca adenolepis* (Fernald) H.E. Ahles, *H. aspera* (Shuttlew. ex Small) Shinnars, *H. graminifolia* (Michx.) Shinnars, *Pityopsis adenolepis* (Fernald) Semple, *P. aspera* (Shuttlew. ex Small) Small, *P. graminifolia* (Michx.) Nutt.) **MD**: St. Mary's Co. (*E.H. Walker* 3930, 1945), **VA**: Northumberland and Richmond cos..

**Chrysopsis** - cont.

**mariana** (L.) Elliott - Maryland golden-aster, shaggy golden-aster. (*Heterotheca mariana* (L.) Shinnery) **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 Willd.) Spreng. - field thistle. **DC, MD, VA**.

**horridulum** Michx. - yellow thistle. **MD**: Baltimore Co. (*E. Baltars 615, 618*, 1955).

**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**.

**vulgare** (Savi) Ten. - bull thistle, common thistle. (*C. lanceolatum* (L.) Hill., misapplied) **DC, MD**: Prince George's Co. (*Bro. F. Hyacinth 1808*, 1918), **VA**. Naturalized.

**Conyza**

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

**Coreopsis**

**auriculata** L. - running tickseed, lobed tickseed. **VA**: Stafford Co. (Atlas).

**grandiflora** Hogg ex Sweet - large-flowered coreopsis, large-flowered tickseed. **MD**: Montgomery Co. (*T. Ulke s.n.*, 1947). Escape.

**lanceolata** L. - lance-leaved coreopsis, lance-leaved tickseed, long-stalked tickseed. (*C. crassifolia* Aiton) **MD, VA**. Escape.

**tinctoria** Nutt. - golden coreopsis, plains tickseed. **DC, MD**: Montgomery Co., Plummers Island (*S.F. Blake 12091*, 1936), **VA**: Fairfax Co. (*H.G. Deignan 1283*, 1946). Escape.

**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**

*capillaris* (L.) Wallr. - smooth hawk's-beard. (*C. virens* L.) **DC, MD, VA** (Atlas). Waif.

*pulchra* L. - small-flowered hawk's-beard. **DC, MD**: Montgomery Co., Plummers Island (*E.P. Killip 31846*, 1936), **VA** (Atlas). Waif.

*tectorum* L. - narrow-leaved hawk's-beard. **DC** (*S.F. Blake 11664*, 1933), **MD** (B&B 1984). Waif.

**Dyssodia**

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

**Echinacea**

*pallida* (Nutt.) Nutt. - prairie coneflower. (*Brauneria angustifolia* (DC.) A. Heller, *B. pallida* (Nutt.) Britton, *B. tennesseensis* Beadle, *E. angustifolia* DC., *E. tennesseensis* (Beadle) Small) **DC**: Eastern Branch (*Collector?*, 1886), **MD**: Prince George's Co. (*R.M. King 6849*, 1973). Escape.

*purpurea* (L.) Moench - purple coneflower. (*Brauneria purpurea* (L.) Britton) **MD**: Baltimore Co. (B&B 1984). Escape.

**Eclipta**

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

**Elephantopus**

*carolinianus* 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).

*tomentosus* L. - devil's-grandmother, tobacco-weed. **MD**: St. Mary's Co. (*E.C. & G.M. Leonard 6759*, 1928), **VA**: Lancaster Co. (*H.A. Allard 21782*, 1953).

**Emilia**

*coccinea* (Sims) G. Don - tassel-flower, Flora's-paintbrush. (*E. flammea* Cass.) W-B Area (FJH 1946 - neither specimen nor locality cited). Waif, from tropics.

**Erechtites**

*hieraciifolia* (L.) 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**.

**cannabinum** L. - hemp-agrimony. **MD**: Baltimore City (*C.C. Plitt s.n.*, 1899), **VA**: Fairfax Co. (*E.S. Steele s.n.*, 1899). Waif.

**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**.

**dubium** Willd. ex Poir. - three-nerved joe-pye-weed, joe-pye-weed. (*Eupatoriadelphus dubius* (Willd. ex Poir.) R.M. King & H. Rob., *Eupatorium maculatum* L., misapplied, *E. purpureum* L., misapplied, *E. verticillatum* Lam., misapplied) **DC, MD, VA** (Atlas).

**fistulosum** Barratt - hollow-stemmed joe-pye-weed, joe-pye-weed, queen-of-the-meadow, trumpet-weed. (*Eupatoriadelphus fistulosus* (Barratt) R.M. King & H. Rob., *Eupatorium fuscorubrum* Walter, *E. maculatum* L., misapplied, *E. purpureum* L., misapplied) **DC, MD, VA**.

**godfreyanum** Cronquist - Godfrey's boneset, Godfrey's eupatorium. (*Eupatorium vaseyi* Porter, misapplied) **DC, MD, VA**: Fairfax Co. (*P.C. Standley 5909*, 1910).

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

**incarnatum** Walter - pink eupatorium. (*Fleischmannia incarnata* (Walter) R.M. King & H. Rob.) **VA** (Atlas).

**leucolepis** Walter - white-bracted thoroughwort. **VA**: Fairfax and Fauquier cos. (Atlas).

**maculatum** L. - spotted joe-pye-weed, joe-pye-weed. (*Eupatoriadelphus maculatus* (L.) R.M. King & H. Rob.) **MD**: Frederick Co. (*J.W. Roller 1041*, 1948 - late-season specimen and identification uncertain); Prince George's Co., Beltsville (Terrell et al., 1999), **VA**: Fairfax Co. (Atlas).

**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.

**purpureum** L. - purple-node joe-pye-weed, sweet joe-pye-weed, green-stemmed joe-pye-weed, wide-leaved joe-pye-weed, joe-pye-weed. (*Eupatoriadelphus purpureus* (L.) R.M. King & H. Rob., *Eupatorium falcatum* Michx., *E. trifoliatum* L., *E. verticillatum* Lam., in part) **DC, MD, VA.**

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

**semiserratum** DC. - (*Eupatorium cuneifolium* 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.) Salisb.) **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**

**germanica** (L.) Huds. - herba impia. (*F. vulgaris* Lam., *Gifola germanica* Dumort.) **MD**: Montgomery Co., High Island (*Eccles s.n.*, 1890), **VA.** Naturalized. Correct name according to some is *F. vulgaris* (Kartesz 1994, p. 99).

**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.

**quadriradiata** Ruiz & Pav. - raceweed, common quickweed. (*G. caracasana* (DC.) Sch. Bip., *G. ciliata* (Raf.) Blake) **DC, MD, VA.** Naturalized.

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

**Gnaphalium**

**helleri** Britton - Heller's cudweed. (*Gnaphalium obtusifolium* var. *microdenium* Weath.) **MD, VA**: Prince William Co. (*H.A. Allard 9768*, 1941).

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

**Gnaphalium** - cont.

**pensylvanicum** Willd. - Pennsylvania cudweed. (*Gamochaeta pensylvanica* (Willd.) Cabrera, *Gnaphalium peregrinum* Fernald, *G. spathulatum* Lam.) **DC** (*E.S. Steele s.n.*, 1898), **MD**: Baltimore City (*E. Baltars 511*, 1953). Included by Gleason & Cronquist (1991, p. 596) in *Gnaphalium obtusifolium*.

**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

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

**Helenium**

**amarum** (Raf.) H. Rock - narrow-leaved sneezeweed. (*H. tenuifolium* Nutt.) **MD**: Calvert Co. (*Leonard & Hotchkiss n.s. 7*, 1965), **VA** (Atlas).

**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. tracheliiifolius* Mill.) **DC, MD, VA**.

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

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

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

**Helianthus** - cont.

**hirsutus** Raf. - hirsute sunflower, hairy sunflower. **MD**: Frederick & Prince George's cos. (B&B 1984), **VA**: Loudoun Co. (Atlas).

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.

**laevigatus** Torr. & A. Gray - shale-barren sunflower, smooth sunflower. **VA**: Prince William Co. (Atlas).

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

**microcephalus** Torr. & A. Gray - small-headed sunflower. **MD**: Frederick Co. (B&B 1984), **VA**: Arlington Co. (Steele 1901, p. 85); Prince William Co. (Atlas).

**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.

**occidentalis** Riddell - naked-stemmed sunflower, western sunflower, McDowell's sunflower. (*H. dowellianus* M.A. Curtis) **DC, MD, VA**: Arlington and Fairfax cos. (Atlas).

**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 doricoides* 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

**subaxillaris** (Lam.) Britton & Rusby - camphorweed. **MD, VA**: Culpeper Co. (Atlas). Naturalized, from south.

**Hieracium**

**aurantiacum** L. - orange hawkweed, devil's-paintbrush, orange-red king-devil. **VA**: Fairfax Co. (Atlas). Naturalized.

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

x **flagellare** Willd. - whiplash hawkweed. **MD**: Carroll Co. (*E. Baltars* 560, 1954). Waif.

**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. - paniced hawkweed. **DC, MD, VA.**

**pilosella** L. - mouse-ear hawkweed. **VA:** Fairfax Co. (Atlas). Naturalized.

**piloselloides** Vill. - glaucous king-devil. (*H. florentinum* All.) **VA:** Arlington Co. (*S.F. Blake 11655*, 1933). Naturalized.

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

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

**Hypochaeris**

**radicata** L. - spotted cat's-ear. **DC, MD:** Prince George's Co., Beltsville (*F.J. Hermann 11615*, 1948), **VA.** Naturalized.

**Inula**

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

**helenium** L. - elecampane. **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964); Frederick Co. (*E. Baltars 2733*, 1960), **VA:** Fairfax Co. (Atlas). Escape.

**Iva**

**annua** L. - rough marsh-elder. **VA** (Atlas).

**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.) Willd. - dwarf-dandelion, Virginia dwarf-dandelion. (*Adopogon carolinianum* (Walter) Britton) **DC, MD, VA.**

**Kuhnia**

**eupatorioides** L. - false boneset. (*Brickellia eupatorioides* (L.) Shinnery) **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.
- serriola** L. - prickly lettuce, compass-plant. (*L. scariola* L., *L. virosa* L. (recognized as separate species by some)) **DC, MD, VA.** Naturalized.

**Lapsana**

- communis** L. - nipplewort. **DC** (*J.B. Norton s.n.*, 1915), **MD:** Montgomery Co., Plummers Island (*Wiser & Burket 31*, 1986), **VA** (Atlas). Naturalized. A third US specimen was collected by *Burgande (s.n.)* in 1884.

**Leontodon**

- autumnalis** L. - fall-dandelion. (*Apargia autumnalis* (L.) Hoffm.) **DC** (H&S, p. 264), **MD:** Prince George's Co. (B&B 1984). Waif.
- hispidus** L. - (*Apargia hispida* (L.) Willd., *L. hastilis* L.) **MD:** Prince George's Co. (*Bro. Arsène 20*, 1916). Waif.
- taraxacoides** (Vill.) Mérat - little hawkbit. (*L. leysseri* (Wallr.) Beck, *L. nudicaulis* (L.) Banks ex Schinz & R. Keller, misapplied) **DC, MD:** Prince George's Co. (*Strong, Simmons & Aronica 1802*, 1998). 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**

**matricarioides** (Less.) Porter - pineapple-weed. (*Chamomilla suaveolens* (Pursh.) Rydb., *M. discoidea* DC., *M. suaveolens* (Pursh) Buchenau, not L.) **MD, VA.** Naturalized.

**recutita** L. - wild chamomille. (*Chamomilla recutita* (L.) Rauschert, *M. chamomilla* L.) **MD:** Baltimore Co. (B&B 1984), **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.

**integrifolium** L. - feverfew, wild-quinine. (*P. auriculatum* Britton, *P. hispidum* Raf.) **MD:** Prince Georges Co. (*P.C. Standley s.n.*, 1909), **VA:** Arlington Co. (Atlas).

**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.

**serpentaria** Pursh - lion's-foot, gall-of-the-earth, rattlesnake-root. (*Nabalus fraseri* DC., *N. integrifolius* Cass., *N. serpentarius* (Pursh) Hook., *P. integrifolia* (Cass.) Small) **DC, MD, VA.**

**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**

**carolinianus** (Walter) DC. - false dandelion. (*Sitilias caroliniana* (Walter) Raf.) **DC** (*A.L. Schott s.n.*, 1885, possibly cultivated), **MD:** Calvert Co., Paris (*E.C. Leonard* 21900, 1962), **VA.**

**Rudbeckia**

**fulgida** Aiton - orange coneflower, brilliant coneflower, eastern coneflower. (*R. speciosa* Wender.) **DC, MD, VA.**

**hirta** L. - black-eyed-Susan. (*R. brittonii* Small, *R. monticola* Small, *R. serotina* Nutt.) **DC, MD, VA.** State Flower of Maryland.

**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* Muhl. ex Willd., misapplied, *S. smallii* Britton) **DC, MD, VA.**

**aureus** L. - golden ragwort, heart-leaved groundsel. **DC, MD, VA.**

**bicolor** (Willd.) Tod. - dusty-miller. **MD:** Prince George's Co. (B&B 1984). Escape.

**glabellus** Poir. - yellowtop, butterweed. **MD:** Prince George's Co. (B&B 1984). Waif, from south.

**Senecio** - cont.

**obovatus** Muhl. - round-leaved ragwort, running groundsel, squaw-weed. **DC** (*Kearney & Maxon 94*, 1917), **MD**: Montgomery Co. (*S.F. Blake 6863*, 1918), **VA**: Fairfax Co., Great Falls (*C.R. Williams s.n.*, 1930).

**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).

**vulgaris** L. - common groundsel. **DC, MD, VA**: Fairfax Co. (Atlas). Naturalized.

**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, lacinate 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**

**marianum** (L.) Gaertn. - milk-thistle. **DC** (*S.F. Blake 12603*, 1956). Waif.

**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).
- elliottii** Torr. & A. Gray - Elliott's goldenrod, coastal swamp goldenrod. (*S. latissimifolia* Mill. (correct name according to Kartesz 1994, vol. 1, p. 132)) **DC, MD**.
- erecta** Pursh - slender goldenrod. (*S. speciosa* var. *erecta* (Pursh) MacMill.) **DC, MD, VA**. Not clearly separable from *S. speciosa* according to some recent opinion.
- fistulosa** Mill. - pine-barren goldenrod, hairy piney-woods goldenrod. **VA**: Northumberland (Atlas).
- 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**.
- hispidula** Muhl. ex Willd. - hispid goldenrod, hairy goldenrod. (*S. bicolor* var. *concolor* Torr. & A. Gray) **DC, MD**: Anne Arundel Co., South River (*P. Bartsch s.n.*, 1917), **VA**: Falls Church (*P. Bartsch s.n.*, 1896).
- 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).
- nemorialis** Aiton - gray goldenrod, old-field goldenrod, dwarf goldenrod. **DC, MD, VA**.
- odora** Aiton - sweet goldenrod, licorice goldenrod. (*S. suaveolens* Schoepf) **DC, MD, VA**: Fairfax Co. (*Strong & Simmons 1773*, 1998).
- patula** Muhl. ex Willd. - rough-leaved goldenrod, rough goldenrod. **MD**: Baltimore Co. (*Fessenden & Baltars 1898*, 1957).
- pinetorum** Small - fascicled piney-woods goldenrod. **VA**: Prince William Co. (*J. Baird 258*, 1949).
- puberula** Nutt. - downy goldenrod, dusty goldenrod. **DC** ? (*G. McCarthy s.n.*, 1885 - locality prob. wrong), **MD**: Prince George's Co. (*F.H. Knowlton s.n.*, 1897; W.R. Maxon 5921, 1912; Terrell et al. 1999); Frederick Co. (B&B 1984).
- 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.**

**speciosa** Nutt. - showy goldenrod. **MD, VA** (Atlas).

**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).

**stricta** Aiton - willow-leaved goldenrod, wand goldenrod. **MD**: Prince George's Co. (B&B 1984), **VA**: King George Co. (Atlas).

**uliginosa** Nutt. - northern bog goldenrod. (*S. neglecta* Torr. & A. Gray, *S. uniligulata* (DC.) Porter) **DC, MD.**

**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.

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

**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.

**parthenium** (L.) Sch. Bip. - feverfew. (*Chrysanthemum parthenium* L., *Matricaria parthenium* L.) **DC**?: Canal Rd. [near Georgetown] (*E.S. Steele s.n.*, 1899), **MD, VA.** Escape.

**vulgare** L. - common tansy, golden-buttons. **DC** (*E.S. Steele s.n.*, 1899), **MD** (B&B 1984), **VA**: Fauquier Co. (Atlas). Escape.

**Taraxacum**

*laevigatum* (Willd.) DC. - red-seeded dandelion. (*Leontodon erythrospermum* (Andrz. ex Besser) Britton, *T. disseminatum* G.E. Haglund, *T. erythrospermum* Andrz. ex Besser, *T. lacistophyllum* (Dahlst.) Raunk., *T. scanicum* Dahlst.) **DC, MD, VA**. Naturalized. Included by some in *T. officinale*.

*officinale* F.H. Wigg. - common dandelion. (*Leontodon taraxacum* L., *T. dens-leonis* Desf., *T. palustre* (Lyons) Symons, *T. polydon* Dahlst., *T. taraxacum* (L.) H. Karst., *T. vulgare* Lam.) **DC, MD, VA**. Naturalized.

**Tetragonotheca**

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

**Tragopogon**

*dubius* Scop. - fistulous goat's-beard. (*T. major* Jacq.) **DC, MD**: Baltimore Co. (*E. Baltars* 2967, 1961); Prince George's Co., Beltsville (Terrell et al. 1999), **VA**: Culpeper Co. (*H.A. Allard* 20409, 1952). Naturalized.

*porrifolius* L. - salsify, oyster-plant, vegetable-oyster, purple goat's-beard, go-to-bed-at-noon, noonflower. **DC** (H&S), **MD**: Baltimore Co., Prince George's Co. (B&B 1984), **VA**: Fairfax Co. (Atlas). Escape.

*pratensis* L. - yellow goat's-beard, showy goat's-beard. **MD**: Prince George's Co., Beltsville (Terrell et al. 1999). Waif.

**Tridax**

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

**Tussilago**

*farfara* L. - coltsfoot. **DC, MD, VA** (Atlas). Naturalized.

**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).

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

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

**Xanthium**

*spinsum* 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. pennsylvanicum* Wallr., *X. pungens* Wallr., *X. saccharatum* Wallr., *X. xshullii* Widder (holotype (US) from Harford Co.), *X. speciosum* Kearney) **DC, MD, VA.**

**Youngia**

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

**BALSAMINACEAE** *The Touch-me-not Family***Impatiens**

**balsamina** L. - garden balsam, balsam. **VA:** Arlington Co. (*W.L. McAtee 2854*, 1917). Escape. "Spontaneous in my yard...for years" (McAtee 1930, p. 30).

**capensis** Meerb. - spotted touch-me-not, orange touch-me-not, orange jewelweed. (*I. biflora* Walter) **DC, MD, VA.**

**pallida** Nutt. - pale touch-me-not, yellow touch-me-not, yellow jewelweed. **DC, MD, VA.**

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

**BERBERIDACEAE** *The Barberry Family***Berberis**

**thunbergii** DC. - Japanese barberry. **DC, MD:** Montgomery Co., Plummers Island; Prince George's Co., Beltsville (Terrell et al. 1999), **VA.** Escape.

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

**Caulophyllum**

**thalictroides** (L.) Michx. - blue cohosh. **MD, VA.**

**Jeffersonia**

**diphylla** (L.) Pers. - twinleaf. **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. **DC, MD, VA.**

**BETULACEAE** *The Birch Family***Alnus**

**glutinosa** (L.) Gaertn. - black alder, European alder. **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**

**alleghaniensis** Britton - yellow birch. (*B. lutea* F. Michx.) **MD:** Frederick Co. (*F.J. Hermann 13751, 1957, as B. lutea*).

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

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

**pendula** Roth - European weeping birch. **VA:** Fairfax Co. (Atlas). Occasional escape.

**populifolia** Marshall - gray birch. **MD:** Baltimore Co. (*Fessenden & Baltars 1425, 1957*).

**Carpinus**

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

**Corylus**

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

**cornuta** Marshall - beaked hazelnut. **MD** (FJH 1946), **VA** (Atlas).

**Ostrya**

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

BIGNONIACEAE *The Trumpet-creeper Family***Bignonia**

**capreolata** L. - crossvine. (*Anisostichus capreolata* (L.) Bureau) **VA** (Atlas).

**Campsis**

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

**Catalpa**

**bignonioides** 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.

**ovata** G. Don - Chinese catalpa. (*C. kaempferi* Siebold & Zucc.) **DC, MD** (inferred from B&B 1972). Escape.

**speciosa** (Warder) Warder ex Engelm. - northern catalpa, western catalpa, catawba-tree. **DC, MD** (inferred from B&B 1972), **VA** (Atlas). Native of central U.S.; escape in our area.

BORAGINACEAE *The Borage Family***Amsinckia**

*intermedia* Fisch. & C.A. Mey. - rancher's-fireweed, fiddleneck. **VA**: Fairfax Co. (*E.S. Steele 54*, 1920). Waif.

**Anchusa**

*arvensis* (L.) M. Bieb. - small bugloss. (*Lycopsis arvensis* L.) **DC, MD**: Montgomery Co. (*D. Foreman s.n.*, 1875), **VA**: Loudoun Co. (Atlas). Waif.

*azurea* Mill. - bugloss. (*A. italica* Retz.) **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Escape.

**Asperugo**

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

**Borago**

*officinalis* L. - borage. **DC** (*A.L. Schott s.n.*, 1885), **MD** (inferred from B&B 1984), **VA**: Fairfax Co. (Atlas). Waif.

**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-lice, stickseed. (*Lappula virginiana* (L.) Greene) **DC, MD, VA**.

**Heliotropium**

*amplexicaule* Vahl - clasp-leaved heliotrope. **DC** (*D.F. Dennison s.n.*, 1960). Waif.

*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**

*squarrosa* (Retz.) Dumort. - stickseed, two-row stickseed, beggar's-lice. (*L. echinata* Gilib., *L. lappula* (L.) H. Karst.) **DC** (*G.G. Street s.n.*, 1920), **MD** (*Bro. Arsène s.n.*, 1916). Waif.

**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.**

*latifolia* Michx. - American gromwell. **VA:** Loudoun Co., Furnace Mt. (*E.C. Leonard 2668*, 1924).

**Mertensia**

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

**Myosotis**

*arvensis* (L.) Hill. - field scorpion-grass, mouse-ear scorpion-grass. **DC (H.D. House 849, 1905), MD, VA:** Fairfax Co. (*H.G. Deignan 965*, 1946). Waif.

*discolor* Pers. - yellow-and-blue scorpion-grass. (*M. versicolor* (Pers.) Sm.) **VA:** King George Co. (Atlas). Waif.

*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*.

*scorpioides* L. - forget-me-not, true forget-me-not, common forget-me-not, water scorpion-grass. (*M. palustris* (L.) Hill.) **DC (T.H. Kearney, Jr., s.n., 1897), MD, VA (Atlas).** Naturalized.

*stricta* Link ex Roem. & Schult. - blue scorpion-grass. (*M. micrantha* Pall. ex Lehm., misapplied) **DC, MD:** Anne Arundel Co. (*E. Baltars 587*, 1955), **VA.** Waif.

*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**

*alyssoides* (L.) L. - yellow alyssum. **MD:** Prince Georges Co. (McAtee 1930, p. 27), **VA (Atlas).** Waif.

**Arabidopsis**

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

**Arabis**

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

*caucasica* Willd. - wall rockcress. **VA:** Arlington Co. (*D.H. Nicolson s.n.*, 1974). Waif.

**hirsuta** (L.) Scop. - hairy rockcress. (*A. pycnocarpa* 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, *Neobeckia aquatica* (Eaton) Greene) **MD:** Collected only by L.F. Ward at Great Falls, (1879, 1880, 1882), as *Nasturtium lacustre* A. Gray.

*rusticana* P. Gaertn., B. Mey. & Schreb. - horseradish. (*A. lapathifolia* Gilib.) **DC, MD.** Escape.

**Barbarea**

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

*vulgaris* W.T. Aiton - common winter-cress, yellow-rocket. (*Campe barbarea* (L.) W. Wight ex Piper, *C. stricta* (Andrz.) W. Wight ex Piper) **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).

maritima Scop. - European sea-rocket. **MD:** Baltimore City, Canton (Reed 1964). Waif.

## Camelina

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

## Capsella

bursa-pastoris (L.) Medik. - shepherd's-purse. (*Bursa bursa-pastoris* (L.) Britton) **DC, MD, VA.** Naturalized.

## 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.

**pennsylvanica** Muhl. ex Willd. - Pennsylvania bittercress. (*C. hirsuta*, misapplied) **DC, MD, VA.**

**pratensis** L. - cuckoo-flower. **VA:** Lancaster Co. (Atlas).

**rotundifolia** Michx. - mountain-watercress, trailing bittercress. **MD:** Frederick Co. (FJH 1946), Harford Co. (*E. Baltars* 2015, 1958).

## Cardaria

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

## Coincya

monensis (L.) Greuter & Burdet - (*Rhynchosinapis cheiranthos* (Vill.) Dandy) **MD:** Anne Arundel Co. (*E. Baltars* 2809, 1960). Waif.

## Conringia

orientalis (L.) Andrz. - hare's-ear mustard. **DC** (*G.G. Street s.n.*, 1920), **MD:** Prince Georges Co. (*E.C. Leonard* 19847, 1944), **VA:** Culpeper Co. (Atlas). Waif.

## 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 Willd. - 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.

*sophia* (L.) Webb ex Prantl - herb-sophia, tansy-mustard. **DC** (*A. Goldberg s.n.*, 1985), **MD:** Baltimore City (*C.C. Plitt 264*, 1900), **VA** (Atlas). 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.

*tenuifolia* (L.) DC. - slim-leaved wall-rocket, wall-rocket. **MD:** Baltimore Co. [City] (B&B 1984). Waif.

## Draba

**ramosissima** Desv. - rocktwist. **VA:** Loudoun Co. (Atlas).

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

## Eruca

*sativa* Mill. - garden-rocket. **MD:** Prince George's Co., Beltsville (Terrell et al. 1999). Escape.

## 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

*matronalis* L. - dame's-rocket, dame's-violet. **DC, MD, VA.** Naturalized.

**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.

*ruderales* L. - stinking pepperweed. **VA:** Fairfax Co. (Atlas). 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., *Sisymbrium 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.**

**sessiliflora** (Nutt.) Hitchc. - southern yellow-cress. (*Radicula sessiliflora* (Nutt.) Greene) **DC** (H&S, B&B 1984), **MD:** Montgomery Co., Plummers Island (*A.S. Hitchcock s.n.*, 1917), **VA:** Loudoun Co. (*L.B. Smith 5489*, 1951).

*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**

**virginica** (L.) Rollins - Virginia cress. **DC, MD:** Anne Arundel Co. (B&B 1984), **VA:** Fairfax Co. (Atlas).

**Sisymbrium**

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

*officinale* (L.) Scop. - hedge mustard. (*Erysimum officinale* L.) **DC, MD, VA.** Naturalized.

**Teesdalia**

*nudicaulis* (L.) R. Br. - shepherd's cress. **MD:** Calvert Co. (*S.F. Blake 11654*, 1933), **VA** (Atlas).  
Waif.

**Thlaspi**

*aliaceum* L. - **MD:** Howard Co. (*E. Cohen 1*, 1993). Waif.

*arvense* L. - field pennycress. **DC, MD, VA.** Naturalized.

*perfoliatum* L. - perfoliate pennycress. **DC, MD, VA.** Naturalized.

**BUDDLEJACEAE** *The Butterfly-bush Family***Buddleja**

*davidii* Franch. - orange-eye butterfly-bush. **MD:** Montgomery Co. (*E.P. Killip 36704*, 1945). Escape.

**Polypremum**

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

**BUXACEAE** *The Boxwood Family***Pachysandra**

*terminalis* Siebold & Zucc. - Asiatic pachysandra. **DC:** Rock Creek Park (*P. Fleming 238*, 1986), **VA:**  
Fairfax Co. (Atlas). Escape.

**CABOMBACEAE** *The Water-shield Family***Brasenia**

*schreberi* J.F. Gmel. - water-shield, purple wen-dock. (*B. peltata* Pursh, *B. purpurea* Heller) **DC, MD,**  
**VA** (Atlas). Sometimes included in Nymphaeaceae.

**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.**

CALLITRICHACEAE *The Water-starwort Family***Callitriche**

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

**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.

**stagnalis** Scop. - European water-starwort. **MD, VA**: Fairfax Co. (Atlas). Naturalized.

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

CAMPANULACEAE *The Bellflower Family***Campanula**

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

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

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

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

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

**Triodanis**

**perfoliata** (L.) Nieuw. - Venus's-looking-glass, round-leaved triodanis. (*Legousia perfoliata* (L.) Britton, *Specularia biflora* (Ruiz & Pavón) Fisch. & C.A. Mey., *S. perfoliata* (L.) DC., *T. biflora* (Ruiz & Pavón) Greene) **DC, MD, VA.**

CANNABACEAE *The Hemp Family***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**

**japonicus** Siebold & Zucc. - Japanese hop. (*H. scandens* (Lour.) Merr., misapplied (Small 1997)) **DC, MD, VA.** Escape.

**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.

**Lonicera**

*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:** Loudoun Co. (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**.

**aurantiacum** E.P. Bicknell - horse-gentian, wild-coffee. **DC**: Reno (*Van Eseltine & Moseley 238*, 1914), **MD**: Calvert Co. (*G.P. Van Eseltine 83*, 1913).

**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.

**cassinoides** L. - withe-rod, wild-raisin. **DC** (*L.F. Ward s.n.*, 1878), **MD**. Probably should be included in *V. nudum* (cf. Gleason & Cronquist 1991, p. 513; Kartesz 1994, vol. 1, p. 195).

**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**.

**dilatatum** Thunb. - linden viburnum, linden arrow-wood. **DC, MD**: Prince George's Co., Beltsville (Terrell et al. 1999). Escape.

**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**.

**sieboldii** Miq. - Siebold's viburnum. **DC** (*P. Fleming 2051*, 1989, planted ?), **MD**: Baltimore Co. (*E. Baltars 622*, 1955). Escape.

CARYOPHYLLACEAE *The Pink Family***Agrostemma**

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

**Arenaria**

**lateriflora** L. - grove sandwort. (*Moehringia lateriflora* (L.) Fenzl) **VA**: Fairfax Co. (Atlas).

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

**Cerastium**

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

**brachypetalum** N.H.F. Desp. - **VA** (Atlas; Fernald 1943, p. 400). Waif.

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

**pumilum** W. Curtis - dwarf mouse-eared chickweed. **MD:** Baltimore Co. (*L.L. Jansen s.n.*, 1958; see also B&B 1984). Waif.

**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**

**glabra** 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**

**coronaria** (L.) Desr. - mullein-pink. **MD:** Baltimore Co. (*E. Baltars 2115*, 1958), **VA** (Atlas). Waif.

**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.**

**virginica** Spreng. - Appalachian whitlow-wort. (*P. dichotoma* (L.) Nutt.) **DC, MD, VA:** Arlington Co.  
(Atlas).

**Petrorhagia**

**prolifera** (L.) P.W. Ball & Heywood - proliferous pink, childing pink. (*Dianthus prolifer* L., *Tunica prolifer* (L.) Scop.) **MD, VA.** Waif.

**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.**

**armeria** L. - sweet-william catchfly, garden catchfly, none-so-pretty. **DC, MD, VA:** Fairfax Co. (Atlas).  
Escape.

**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.

**drummondii** Hook. - Drummond campion. (*Lychnis drummondii* (Hook.) S. Watson) **MD:** Carroll Co.  
(B&B 1984).

**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.**

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

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

**vulgaris** (Moench) Garcke - bladder campion, maiden's-tears. (*S. cucubalus* Wibel, *S. latifolia* (Mill.)  
Britten & Rendle) **MD, VA.** Naturalized.

**Spergula**

**arvensis** L. - spurry, corn spurrey. **DC** (*J.B.S. Norton s.n.*, 1915), **MD**: Prince George's Co. (*G. Arsene 412*, 1916; Terrell et al. 1999, Beltsville), **VA** (Atlas). Waif.

**Spargularia**

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

**rubra** (L.) J. & C. Presl - red sand-spurrey. (*Tissa rubra* (L.) Britton) **DC, MD, VA**. Naturalized.

**Stellaria**

**alsine** Grimm - bog stitchwort. (*Alsine uliginosa* (Murray) Britton, *S. uliginosa* Murray) **MD**: Prince George's Co., Hollywood Swamp (*Strong & Simmons 1795*, 1998).

**aquatica** (L.) Scop. - giant chickweed. (*Alsine aquatica* (L.) Britton, *Myosoton aquaticum* (L.) Moench) **DC, MD, VA** (Atlas). Adventive.

**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**.

**longipes** Goldie - long-stalked stitchwort. **MD**: Baltimore Co. (*E. Baltars 715*, 1956). Apparent range outlier.

**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**

**hispanica** (Mill.) Rauschert - cow-herb. (*Saponaria vaccaria* L., *V. vaccaria* Britton, *V. vegetalis* Garck ex Asch., *V. vulgaris* Host) **DC, MD**: Baltimore City, Canton, chrome ore piles (Reed 1964), **VA**: Rosslyn. Waif.

**CELASTRACEAE** *The Staff-tree Family***Celastrus**

**orbiculatus** Thunb. - Oriental bittersweet. **DC, MD, VA**. Naturalized. Very invasive.

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

**Euonymus**

**alatus** (Thunb.) Siebold - winged burning-bush, winged euonymus. **DC, MD, VA** (Atlas). Escape.

**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.

*fortunei* (Turcz.) Hand.-Mazz. - climbing euonymus. **DC**: Rock Creek Park, **MD**: Plummers Island (Wells, Brown & Murthy 5150, 1997). Escape.

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**

*arenaria* Nutt. - seabeach orach. **MD**: St. Mary's Co., **VA**: Lancaster Co. (Atlas). Perhaps belongs under tropical *A. pentandra* (Jacq.) Standl.

*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.

*berlandieri* Moq. - pitseed goosefoot, village goosefoot. (*C. album* L., in part, *C. boscianum* Moq., *C. bushianum* Aellen, *C. paganum* Rchb., misapplied, *C. standleyanum*, in part, of B&B 1984 and ?Atlas, not Aellen.) **DC, MD**.

*bonus-henricus* L. - Good-King Henry. **MD**: Prince Georges Co. (B&B 1984). Waif.

*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.

- glaucum** 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.
- macrospermum** Hook. f. - pigweed. (*C. farinosum* (S. Watson) Standl.) **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.
- murale** 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.
- simplex** (Torr.) Raf. - maple-leaved goosefoot. (*C. gigantospermum* Aellen, *C. hybridum* L., misapplied, *C. hybridum* var. *gigantospermum* (Aellen) Rouleau) **VA**: Fairfax Co. (Atlas).
- 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**

- scoparia** (L.) Schrader - summer-cypress. **VA** (Atlas). Naturalized.

**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**

**linearis** (Elliott) Moq. - tall sea-blite, southern sea-blite. **VA**: King George Co. (Atlas).

CISTACEAE *The Rockrose Family***Helianthemum**

**bicknellii** Fernald - frostweed. **MD, VA**.

**canadense** (L.) Michx. - frostweed. **DC, MD, VA**.

**dumosum** (E.P. Bicknell) Fernald - frostweed. **VA**: "Ft. Munroe" [Washington area?] (*L.F. Ward s.n.*, 1877). Two specimens on one sheet: (1) *H. dumosum*, (2) *H. canadense*; as annotated in 1960 by H.S. Daoud. A doubtful record for *H. dumosum*.

**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**.

**minor** L. - thyme-leaved pinweed. **MD**: Montgomery Co. (*T.H. Kearney, Jr., s.n.*, 1897); Prince George's Co., Beltsville (Terrell et al. 1999), **VA**: Lancaster Co. (Atlas).

**mucronata** Raf. - hairy pinweed. (*L. villosa* Elliott) **MD**: Anne Arundel Co. (B&B 1984), **VA**: Lancaster Co. (Atlas).

**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**

**hederacea** Wall. - Japanese bindweed, California-rose. (*Calystegia japonica* (Thunb.) Choisy, misapplied, *C. pellita* (Ledeb.) G. Don, *C. pubescens* Lindl., *Convolvulus japonicus* Thunb., *C. pellitus* Ledeb.) **DC** (*Ward & Holm s.n.*, 1888), **MD**: Prince George's Co. (*C.L. Pollard s.n.*, 1895), **VA**: Loudoun Co. (*P.C. Standley 13139*, 1916). Escape. Only double-flowered form is reported. Said to be quite common in Carroll Co. (B&B 1984).

**Calystegia** - cont.

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

**spithameus** 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. (*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.**

**nil** (L.) Roth. - Japanese imperial morning-glory. **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Escape.

**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. (*Quamoclit quamoclit* (L.) Britton, *Q. vulgaris* Choisy, *I. "vulgaris* Choisy") **DC** (*E.S. Steele s.n.*, 1899), **MD** (inferred from B&B 1984 - see "*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. (*C. obliqua* Raf., *C. purpusii* Koehne, *C. sericea* L., misapplied, *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. (*C. stricta* Lam.) **VA** (Atlas).

**racemosa** Lam. - paniced dogwood, gray-stemmed dogwood, northern swamp dogwood. (*C. foemina* Mill., misapplied, *C. paniculata* L'Her.) **MD, VA** (Atlas).

**rugosa** Lam. - round-leaved dogwood. (*C. circinata* L'Her.) **DC:** "Dodge's Mills" (*W.P. Conant*, 1893).

**sericea** L. - red-osier dogwood. (*C. alba* L., *C. stolonifera* Michx.) **VA** (Atlas).

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**

**acre** L. - golden-carpet, mossy stonecrop. **VA**: Culpeper Co. (Atlas). Escape.

x **alboroseum** Baker - garden orpine. (*S. x erythrostickum* Miq., misapplied.) **VA**: Culpeper & Loudoun cos. (Atlas). Escape.

**sarmentosum** Bunge - **MD** (inferred from B&B 1984), **VA** (Atlas). Escape.

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

**telephium** L. - live-forever, garden orpine. (*S. purpureum* (L.) Schult., *S. triphyllum* (Haw.) Gray) **MD** (inferred from B&B 1984). Escape. Included by FJH 1946 without reference to localities. Status of *S. telephium* vis-à-vis *S. telephioides* in area needs study.

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

CUCURBITACEAE *The Gourd Family***Citrullus**

**lanatus** (Thunb.) Matsum. & Nakai - watermelon. (*C. vulgaris* Schrad.) **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964), **VA**: Fauquier Co. (*H.A. Allard* 7473, 1939). Escape.

**Ctenolepis**

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

**Cucumis**

**melo** L. - muskmelon, cantaloupe. **DC**: Rock Creek (*W.P. Stern s.n.*, 1930), **VA**: Fairfax Co. (Atlas). Escape.

**Cucurbita**

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

**pepo** L. - pumpkin. **VA** (Atlas). Escape.

**Echinocystis**

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

**Melothria**

**pendula** L. - creeping-cucumber. **DC** (*J. Kadir s.n.*, 1968), **MD**: Prince George's Co. (B&B 1984), **VA** (Atlas).

**Sicyos**

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

CUSCUTACEAE *The Dodder Family***Cuscuta**

**cephalanthi** Engelm. - buttonbush dodder. **DC**: Little Falls (*C. Mohr s.n.*, 1894), **VA**: Arlington Co. (*G.P. Van Eseltine 143*, 1914).

**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**.

**indecora** Choisy - dodder. **MD**: Anne Arundel Co. (*E. Baltars 4008*, 1966), **VA**: Fauquier Co. (Atlas).

**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**

**urceolata** (Poir.) Brummitt - galax, wandflower, beetleweed. (*G. aphylla* L., misapplied) **VA**: Lancaster and Northumberland cos. (Atlas).

DIPSACACEAE *The Teasel Family***Dipsacus**

**fullonum** L. - fullers' teasel. (*D. fullonum* ssp. *fullonum*) **MD**: Prince George's Co., Beltsville (Terrell et al. 1999). Escape.

**laciniatus** L. - cut-leaf teasel, laciniate wild teasel. **VA**: Loudoun and Fauquier cos. (Atlas). Escape.

**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**

**filiformis** Raf. - thread-leaved sundew, dew-thread. **MD**: Prince George's Co., Suitland Bog. Introduced to Suitland Bog, but native on coastal plain of MD and possibly elsewhere in P.G. Co. (see B&B 1984).

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

**rotundifolia** L. - round-leaved sundew. **DC**: Kenilworth (*E.S. Steele s.n.*, 1897), **MD, VA**: Prince William Co. (Atlas).

EBENACEAE *The Ebony Family***Diospyros**

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

ELAEAGNACEAE *The Oleaster Family***Elaeagnus**

**angustifolia** L. - oleaster, wild olive, Russian-olive. (*E. hortensis* M. Bieb., in part) **MD**: Prince George's Co., Beltsville (Terrell et al. 1999); see also B&B 1972, **VA**: Fairfax Co. (Atlas). Escape.

**commutata** Bernh. ex Rydb. - silverberry. (*E. argentea* Pursh, not Moench) **MD**: Montgomery Co. (B & B 1972). Escape, south of range.

**multiflora** Thunb. - **MD**: Montgomery Co. (McAtee 1930, p. 30). Escape.

**pungens** Thunb. - thorny elaeagnus. **DC**: Rock Creek Park (Fleming & Kanal 1995, p. 303). Escape.

**umbellata** Thunb. - autumn-olive. (*E. hortensis* M. Bieb., in part.) **DC, MD, VA**. Escape.

ELATINACEAE *The Waterwort Family***Elatine**

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

**minima** (Nutt.) C.A. Mey. - waterwort. **VA**: Alexandria (Fernald 1917, p. 15); 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..

**dumosa** (Andrews) Torr. & A. Gray - dwarf huckleberry. **DC, MD, VA** (Atlas).

**frondosa** (L.) Torr. & A. Gray ex Torr. - blue huckleberry, dangleberry. **DC, MD, VA:** Arlington Co. (*E.S. Steele s.n.*, 1911).

**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**

**fontanesiana** (Steud.) Sleumer - dog-hobble, mountain dog-laurel. (*L. axillaris* (Lam.) D. Don, misapplied, *L. catesbaei* (Walter) A. Gray, misapplied, *L. editorum* Fernald & B.G. Schub., *L. walteri* (Willd.) N.C. Melvin, misapplied) **MD:** Frederick Co., Sugarloaf Mt. (*J.W. Roller 971*, 1948). Questionably native.

**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).

**atlanticum** (Ashe) Rehder - dwarf azalea, coastal azalea. (*Azalea atlanticum* Ashe) **DC:** Takoma Park (Wilson & Rehder 1921, p. 148). Only this one old report, based on *T.A. Williams s.n.*, 1900, presumably in collections of Arnold Arboretum.

**maximum** L. - rhododendron, great laurel, big laurel, white laurel, rosebay. **DC, MD:** Montgomery Co. (*E.E. Terrell 4031*, 1967), **VA.** State Flower of West Virginia.

**Rhododendron** - cont.

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

**prinophyllum** (Small) Millais - rose azalea, rosebud azalea, mountain azalea. (*A. prinophyllum* Small, *A. rosea* Loisel., *R. nudiflorum* (L.) Torr. var. *roseum* (Loisel.) Wiegand, *R. roseum* (Loisel.) Rehder) **MD:** Montgomery Co., Sugarloaf Mt. (*E.C. Leonard* 2657, 1924, as *Azalea lutea* L.), **VA:** Fairfax Co. (*E.P. Killip* 7026, 1920). Despite the improbable misidentification, the *Leonard* specimen appears to be this species and not *R. calendulaceum* (Michx.) Torr. (*Azalea lutea*).

**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. pensilvanicum* 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. atrococcum* (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.**

**ostyifolia** Riddell - rough-pod three-seeded-mercury, rough-pod copperleaf. **VA:** Culpeper Co. (Atlas).

**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

**tinctoria** A. Juss. - **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

**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.

**willdenowii** G.L. Webster - rushfoil. (*Crotonopsis elliptica* Willd., *C. linearis* Michx., misapplied.) **MD**: Prince George's Co. (*J.B.S. Norton s.n.*, 1929), **VA**: Fairfax Co. (*S.F. Blake 11085*, 1929).

**Euphorbia**

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

**corollata** L. - flowering spurge. (*E. marilandica* Greene, misapplied, *E. pubentissima* Michx., *E. zinniiiflora* Small, *Tithymalopsis arundelana* (Bartlett) Small, misapplied, *T. corollata* (L.) Klotzsch & Garcke, *T. marilandica* (Greene) Small, misapplied, *T. paniculata* (Ell.) Small, *T. zinniiiflora* (Small) Small) **DC, MD, VA**.

**cyathophora** Murray - fire-on-the-mountain. (*E. heterophylla* L., misapplied.) **MD**: Prince Georges Co. (*F.J. Hermann 19352*, 1963). Escape, from south.

**cyparissias** L. - cypress spurge, graveyard-weed. (*Tithymalus cyparissias* (L.) Hill) **DC, MD, VA** (Atlas). Naturalized.

**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.

**helioscopia** L. - wartweed. **DC** (*F.L. Hunnewell*, 1920), **MD**: Montgomery Co. (*T. Ulke s.n.*, 1937). Naturalized.

**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.

**humistrata** Engelm. - spreading spurge. (*Chamaesyce humistrata* (Engelm.) Small.) **VA**: Fauquier Co. (Atlas). Escape.

**hypericifolia** 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. **MD, VA**: Fauquier Co. (Atlas). Escape.

**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) Klotszch & Garcke) **DC** ? (*T. Ulke s.n.*, 1932, Decatur Street dump), **MD**: Montgomery Co., Little Falls (*D.L. Topping s.n.*, 1895), **VA** (Atlas). Escape.

**nutans** Lag. - eyebane. (*Chamaesyce hypericifolia* (L.) Millsp., misapplied, *C. maculata* L., misapplied, *C. nutans* (Lag.) Small, *C. preslii* (Guss.) Arthur, *E. hypericifolia* L., misapplied, *E. maculata* L., misapplied, *E. preslii* 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), **VA**: Fauquier Co. (Atlas). Waif, from south.

**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) Klotszch & 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**

**caroliniensis** 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**

*julibrissin* Durazz. - mimosa, silk-tree. **DC, MD, VA** (Atlas). Escape. Genus *Albizia* placed in Mimosaceae by some.

**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**

*bracteata* (L.) Fern. - hog-peanut. (*A. pitcheri* T. & G., *Falcata comosa* (L.) Kuntze, *F. pitcheri* (T. & G.) Kuntze) **DC, MD, VA**.

**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 Caesalpinaceae 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**.

**spectabilis** Roth. - showy rattlebox. **VA**: Stafford Co. (Atlas). Waif.

**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.

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

**Desmanthus**

**illinoensis** (Michx.) MacMill. - bundleflower, prairie-mimosa, prickle-weed. **DC** (*P. Fleming* 981, 1988). Waif, from west. Genus *Desmanthus* placed in Mimosaceae by some.

**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**.

**ciliare** (Muhl. ex Willd.) DC. - hairy small-leaved tick-trefoil. (*D. lineatum* DC, misapplied in FJH 1946., *D. obtusum* (Muhl. ex Willd.) DC., misapplied, *Meibomia arenicola* Vail, misapplied, *M. ciliaris* (Muhl. ex Willd.) Blake, *M. obtusa* (Muhl. ex Willd.) Vail, misapplied) **DC, MD, VA**.

**Desmodium** - cont.

- cuspidatum** (Muhl. ex Willd.) DC. ex Loudon - big tick-trefoil. (*D. bracteosum* (Michx.) DC., *D. grandiflorum* (Walter) DC., *Meibomia bracteosa* (Michx.) Kuntze, *M. grandiflora* (DC.) Kuntze) **DC, MD, VA**.
- fernaldii** B.G. Schub. - Fernald's tick-trefoil. (*D. rhombifolium* Vail, in part) **MD**: Prince George's Co. (*L.B. Smith 5124*, 1950), **VA**: Fauquier Co. (*H.A. Allard 1027*, 1935).
- glabellum** (Michx.) DC. - (*D. dillenii* Darl., in large part, *D. humifusum* (Muhl. ex Bigelow) Beck, misapplied in FJH 1946., *D. perplexum* B.G. Schub., *Meibomia dillenii* (Darl.) Kuntze, in large part, *M. glabella* (Michx.) Kuntze) **DC, MD, VA**. Sometimes included in *D. paniculatum* along with *D. dillenii* and *D. perplexum*.
- glutinatum** (Muhl. ex Willd.) Wood - pointed-leaved tick-trefoil, cluster-leaf tick-trefoil. (*D. acuminatum* (Michx.) DC., *D. grandiflorum* (Walter) DC., *Meibomia acuminata* (Michx.) Blake, *M. grandiflora* (Walter) Blake) **DC, MD, VA**.
- 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**.
- sessilifolium** (Torr.) Torr. & A. Gray - sessile-leaved tick-trefoil. (*Meibomia sessilifolia* (Torr.) Kuntze) **MD**: Baltimore Co. (B&B 1984), **VA** (*Freeman & Freeman s.n.*, 1921).
- strictum** (Pursh) DC. - stiff tick-trefoil, pine barrens tick-trefoil. (*Meibomia stricta* (Pursh) Kuntze) **VA**: King George Co. (Atlas).

**Desmodium** - cont.

**tenuifolium** Torr. & A. Gray - narrow-leaved tick-trefoil. (*Meibomia tenuifolia* (Torr. & A. Gray) Kuntze) **VA**: King George Co. (Atlas).

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

## Dolichos

lablab L. - hyacinth-bean, Egyptian bean. **DC, MD**: Baltimore and ?Montgomery cos. (B&B 1984). Escape, not persisting.

**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.

hirsutus L. - singletary pea, rough pea. **VA** (Atlas). 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).

*bicolor* Turcz. - Japanese bush-clover. **MD, VA**. Escape.

**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.

*striata* (Thunb.) Hook. & Arn. - Japanese clover, Japanese bush-clover, Japanese lespedeza. (*Kummerowia striata* (Thunb.) Schindl.) **DC, MD, VA**. Naturalized.

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

**thunbergii** (DC.) Nakai - Japanese bush-clover. (*L. sieboldii* Miq.) **MD**: Prince George's Co., Riverdale (*H.D. House 1616*, 1905), **VA**: Fauquier Co., Wildcat Mountain Preserve (*R.B. Peacock 425*, 1962). Escape. Identification of VA specimen somewhat doubtful; possibly *L. bicolor*.

**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**.

*polyphyllus* Lindl. - large-leaved lupine. **MD**: Prince Georges Co. (*W.W. Eggleston 21401*, 1927). Waif.

## Medicago

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

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

## Medicago - cont.

*minima* (L.) L. - downy bur-clover. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

*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

*albus* Medik. - white sweet-clover. **DC, MD, VA**. Naturalized. United with *M. officinalis* (L.) Lam. by some (Kartesz 1994, vol. 1, p. 300).

*indicus* (L.) All. - **VA**: Westmoreland Co. (Atlas). Waif.

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

## Mimosa

*pubica* L. - sensitive-plant, touch-me-not, action-plant. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif. Genus placed in Mimosaceae by some.

## Ononis

*campestris* G. Koch & Ziz - rest-harrow. (*O. spinosa* L., misapplied.) **MD**: "Collected in Southern Maryland in 1696 or 97."; Baltimore City, Canton (Reed 1964). Waif. Early specimen now in British Museum of Natural History (B&B 1984). The two C.C. Plitt specimens cited by Reed under *O. spinosa* may be in fact *O. repens*.

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

## Orbexilum

*pedunculatum* (Mill.) Rydb. - Sampson's-snakeroot. (*Psoralea psoraloides* (Walter) Cory) **MD**: "Collected in Southern Maryland before 1700". "Specimen...in British Museum of Natural History" (B&B 1984).

## 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

*difformis* (Elliott) DC. - (*R. tomentosa* (L.) Hook. & Arn., misapplied) **VA**: Lancaster Co. (Atlas).

**Rhynchosia** - cont.

**tomentosa** (L.) Hook. & Arn. - (*Dolicholus erectus* (Walter) Vail, *R. erecta* (Walter) DC.) **DC, MD**: Prince George's Co. (*G.H. Shull* 263, 1902).

**Robinia**

**hispida** L. - bristly locust, rose-acacia. **MD**: Prince George's Co. (*E.T. Wherry s.n.*, 1928), **VA**. Escape.

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

**Schrankia**

**nuttallii** (DC.) Standl. - cat-claw. (*Leptoglottis nuttallii* DC., *S. microphylla* (Dryand.) J.F. Macbr., misapplied, *S. uncinata* Willd., misapplied) **DC**: Benning (*R.F. Griggs s.n.*, 1936). Waif.

**Senna**

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

**hebecarpa** (Fernald) H.S. Irwin & Barneby - northern wild senna. (*Cassia hebecarpa* Fernald, *C. marilandica* L., misapplied, *C. nictitans* var. *hebecarpa* Fernald) **DC, MD, VA**. Genus *Senna* placed in Caesalpiniaceae by some.

**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. medgeri* 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**.

**leiosperma** (T. & G.) Piper - small-flowered wooly-bean. **MD**: Prince George's Co., Bladensburg (3 collections, 1944-46).

**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.

*spicata* (Walter) T. & G. - southern goat's-rue. (*Cracca spicata* (Walter) Kuntze) **VA**: Lancaster Co. (Atlas).

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

**Thermopsis**

*villosa* (Walter) Fernald & B.G. Schub. - Blue Ridge-buckbean. (*T. caroliniana* M.A. Curtis) **MD**: Prince George's Co., Beltsville (*F.J. Hermann 11837*, 1954). Escape.

**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.

*medium* L. - zigzag clover. **MD**: Prince George's Co., Beltsville (Terrell et al. 1999). 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.

*resupinatum* L. - reversed clover. **DC** (*C.H. Marvin, Jr. s.n.*, 1932), **MD**: Prince George's Co. (B&B 1984), **VA**: Fairfax Co. (*F.R. Fosberg 19006*, 1942), Fauquier Co. (*F.R. Fosberg 65441*, 1988). Waif.

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

**Trigonella**

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

*foenum-graecum* L. - **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.

*ervilia* (L.) Willd. - Locality? (FJH 1946). Waif. Basis of record in FJH unknown.

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

*grandiflora* Scop. - bigflower vetch. **MD, VA** (Atlas). Waif.

*hirsuta* (L.) Gray - tiny vetch. **DC, VA** (Atlas). Waif.

*lathyroides* L. - spring vetch. **VA** (Atlas). 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**

*floribunda* (Willd.) DC. - Japanese wisteria. (*Rehsonia floribunda* (Willd.) Stritch) **DC** (*P. Fleming 227*, 1986), **VA** (Atlas). Escape.

*macrostachya* (T. & G.) Nutt. ex B.L. Rob. & Fernald - Mississippi wisteria. **MD**: Prince George's Co. (*F.J. Hermann 14333*, 1958), **VA**: Fairfax Co. Escape. Sometimes included in southern *W. frutescens* (L.) Poir.

*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 x pumila*.

**Fagus**

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

**Quercus**

**acutissima** Carruth. - saw-tooth oak. **MD:** Prince George's Co., Beltsville (Terrell et al. 1999). Escape.

**alba** L. - white oak. **DC, MD, VA.** Including *Q. x fernowii* Trel. (*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 x 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 x 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 x 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.**

**nigra** L. - water oak. **DC** (*P. Fleming 2513*, 1991), **VA:** Lancaster Co. (*L.B. Smith 5531*, 1951).

**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).
- stellata** Wangenh. - post oak. (*Q. minor* (Marshall) Sarg., *Q. obtusiloba* Michx.) **DC, MD, VA**.
- velutina** Lam. - black oak. **DC, MD, VA**.

FUMARIACEAE *The Fumitory Family***Adlumia**

- fungosa** (Aiton) Greene ex B.S.P. - climbing fumitory, Allegheny-vine. **MD**: Baltimore Co. (B&B 1984).

**Corydalis**

- flavula** (Raf.) DC - yellow fumewort, pale corydalis, yellow corydalis, short-spurred corydalis. (*Capnoides flavulum* (Raf.) Kuntze) **DC, MD, VA**.
- sempervirens** (L.) Pers. - pink corydalis, pale corydalis, tall corydalis. **MD**: Frederick Co. (*E. Baltars* 360, 1957), **VA**: Fauquier Co. (*H.A. Allard* 7415, 1939).

**Dicentra**

- canadensis** (Goldie) Walp. - squirrel-corn. (*Bicuculla* (*Bikukulla*) *canadensis* (Goldie) Millsp.) **MD, VA**.
- cucullaria** (L.) Bernh. - Dutchman's-breeches. (*Bicuculla* (*Bikukulla*) *cucullaria* (L.) Millsp.) **DC, MD, VA**.
- eximia** (Ker-Gawl.) Torr. - eastern wild bleeding-heart. (*Bicuculla* (*Bikukulla*) *eximia* (Goldie) Millsp.) **VA** (Atlas).

**Fumaria**

- officinalis** L. - fumitory. **DC, MD, VA** (Atlas). Waif.

**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**

**erythraea** Rafn - centaury, forking centaury. (*C. umbellatum* Gilib., misapplied, *Erythraea centaurium* (L.) Pers., misapplied) **VA:** Arlington Co.. Escape.

**pulchellum** (Sw.) Druce - branching centaury. (*Erythraea pulchella* (Sw.) Hayek) **MD:** St. Mary's Co. (*E. Cohen* 3, 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.

**catesbaei** Walter - Catesby's gentian, coastal plain gentian. **MD:** Prince George's Co. (*E.C. Leonard* 20244, 1946). Probable identification by James S. Pringle, 1963.

**clausa** Raf. - closed gentian, bottle gentian, meadow closed gentian, meadow bottle gentian. (*G. andrewsii* Griseb., in part, of H&S (see McAtee 1930, p. 32)) **DC:** Bennings (*F. Blanchard* s.n., 1891), **MD:** Montgomery Co., Garrett Park (*D.L. Topping* s.n., 1896), **VA.**

**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..

**dodecandra** (L.) B.S.P. - large sea-pink, large marsh-pink, perennial sea-pink. **MD, VA:** Prince William Co. (*T. Ulke* s.n., 1910).

**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**

- bicknellii** Britton - Bicknell's cranesbill. **VA**: Arlington Co. (McAtee 1930, p. 29).
- carolinianum** L. - Carolina cranesbill. **DC, MD, VA**.
- columbinum** L. - long-stalked cranesbill, dove's-foot. **DC, MD, VA**. Naturalized.
- dissectum** L. - cut-leaved cranesbill. **DC**: "Waste land" (*S.F. Blake 4926*, 1913), **MD**: Montgomery Co. (*J.B.S. Norton s.n.*, 1916), **VA** (Atlas). Waif.
- ibericum** Cav. - Iberian cranesbill. (*G. nepalense* Sweet var. *thunbergii* (Lindl. & Paxton) Kúdo, misapplied.) **MD**: Baltimore Co. (B&B 1984). Waif.
- maculatum** L. - wild geranium, wild cranesbill. **DC, MD, VA**.
- molle** L. - dove's-foot cranesbill. **DC, MD, VA** (Atlas). Naturalized.
- pusillum** L. - small-flowered cranesbill. **DC** (1878, collector?), **MD**: Prince Georges Co., Bladensburg (5 old collections); Beltsville (Terrell et al. 1999), **VA**: Fairfax Co. (Atlas). Waif.
- rotundifolium** L. - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.
- sibiricum** L. - Siberian cranesbill. **MD**: Baltimore Co. (1952, 1956). Waif.

HALORAGACEAE *The Water-milfoil Family***Myriophyllum**

- aquaticum** (Vell.) Verdc. - parrot's-feather. (*M. brasiliense* Cambess., *M. proserpinacoides* Gillies ex Hook. & Arn.) **DC** (H&S), **MD, VA** (Atlas). Escape. Reported as introduction in DC by H&S.
- heterophyllum** Michx. - variable water-milfoil. **VA**: Deep Creek, King George or Lancaster Co.? (*E.B. Harger s.n.*, 1900).
- sibiricum** Kom. - common water-milfoil. (*M. exalbescens* Fernald, *M. spicatum* L., misapplied, *M. spicatum* var. *exalbescens* (Fernald) Jeps.) **MD**: Baltimore Co. (*G.H. Shull 327*, 1902), **VA**: *M. spicatum* in part? (Atlas). Local status? Not distinguished as separate species from *M. spicatum* by B&B or Atlas.
- spicatum** L. - European water-milfoil, Eurasian water-milfoil. (*M. exalbescens* Fernald, misapplied, *M. spicatum* var. *exalbescens* (Fernald) Jeps., misapplied.) **MD, VA**. Naturalized.

**Proserpinaca**

- palustris** 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**

**flava** Aiton - sweet buckeye. (*A. octandra* Marshall) **DC, MD.** Escape. Saplings and seedlings near planted trees.

HYDROPHYLLACEAE *The Waterleaf Family***Ellisia**

**nyctelea** L. - water-pod, ellisia (*Nyctelea ambigua* (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**

**aphylla** (L.) Brummitt - nemophila. (*N. microcalyx* (Nutt.) Fisch. & C.A. Mey., *N. triloba* (Raf.) Thieret) **MD:** Prince George's Co. (Fleming, Lobstein & Tufty 1995, p. 104, 109), **VA:** Stafford Co. (*L.B. Smith et al. 4740*, 1949).

**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.

**crux-andreae** L. - St. Peter's-wort. (*Ascyrum crux-andreae* L., *A. stans* Michx. ex Willd., *H. stans* (Michx. ex Willd.) P.B. Adams & N. Robson) **DC, MD, VA**: Northumberland Co. (Atlas).

**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**.

**gymnanthum** Engelm. & A. Gray - hidden-flower St. John's-wort. **MD**: St. Mary's Co. (*Leonard & Leonard 6708*, 1928), **VA** (Atlas).

**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) Britt.) **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**

**virginicum** (L.) Raf. - marsh St. John's-wort. (*Elodea virginica* Nutt. ex T. & G., *H. virginicum* L.) **DC, MD, VA**.

**walteri** (J.F. Gmel.) Gleason - larger marsh St. John's-wort. (*H. petiolatum* Walter, not L., *H. tubulosum* Walter var. *walteri* (J.F. Gmel.) Lott, *Triadenum petiolatum* (Walter) Britton, *Triadenum tubulosum* (Walter) Gleason var. *walteri* (J.F. Gmel.) Cooperr.) **MD, VA**.

JUGLANDACEAE *The Walnut Family***Carya**

**cordiformis** (Wangenh.) K. Koch - bitternut, bitternut hickory. (*C. amara* Nutt., *C. minima* (Marshall) B.S.P., *Hicoria cordiformis* (Wangenh.) Britton, *H. minima* (Marshall) Britton) **DC, MD, VA**.

**glabra** (Mill.) Sweet - pignut, pignut hickory, sweet pignut, false shagbark. (*C. microcarpa* Nutt., *C. ovalis* (Wangenh.) Sarg., *C. porcina* Nutt., *Hicoria glabra* (Mill.) Britton, *H. microcarpa* (Nutt.) Britton, *H. odorata* (Marshall) Sarg., *H. ovalis* (Wangenh.) Ashe) **DC, MD, VA**.

**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.

**ovata** (Mill.) K. Koch - shagbark hickory. (*C. alba* K. Koch, in part (confused name), *Hicoria ovata* (Mill.) Britton) **DC**: Rock Creek Park (*P. Fleming 1267*, 1989), **MD** (inferred from B&B 1972), **VA**. Some DC trees probably planted (*P. Fleming 671*, 1987). W-B Area plants var. *ovata* (Stone 1997).

**pallida** (Ashe) Engl. & Graebn. - pale hickory, sand hickory. (*Hicoria pallida* Ashe) **MD** (inferred from B&B 1972), **VA** (Atlas).

**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**

**nepetoides** (L.) Kuntze - yellow giant-hyssop, catnip giant-hyssop. **DC, MD, VA**.

**scrophulariifolia** (Willd.) Kuntze - purple giant-hyssop. **DC** (*E.T. Wherry s.n.*, 1922), **MD** (B&B 1984), **VA** (Atlas).

**Ajuga**

**chamaepitys** (L.) Schreb. - yellow bugleweed, ground-pine. **VA**: Westmoreland Co. (Atlas). Escape.

**genevensis** L. - bugleweed, standing bugle. **MD**: Prince George's Co. (*J.B.S. Norton s.n.*, 1915). Escape.

**reptans** L. - carpet bugle, creeping bugleweed, bugleweed, bugle. **DC, MD, VA** (Atlas). Escape.

**Ballota**

**nigra** L. - black-horehound. **MD**: Baltimore City, Canton (Reed 1964); Calvert Co. (*J.M. Turpin 258*, 1941). Waif.

**Blephilia**

**hirsuta** (Pursh) Benth. - woodmint, hairy woodmint. **VA**: Fairfax Co. (Atlas).

**Collinsonia**

**canadensis** L. - richweed, horse-balm, citronella. **DC, MD, VA**.

**Cunila**

**origanoides** (L.) Britton - dittany. (*C. mariana* L.) **DC, MD, VA**.

**Dracocephalum**

**parviflorum** Nutt. - purple lion's-heart, American dragonhead. (*Moldavica parviflora* (Nutt.) Britton) **DC** (*E.S. Steele s.n.*, 1896). Escape.

## Glechoma

hederacea L. - gill-over-the-ground, ground-ivy. **DC, MD, VA.** Naturalized.

**Hedeoma**

hispidum Pursh - rough pennyroyal. **VA:** Fauquier Co. (*H.A. Allard 19552, 1949*). Waif, from west.

**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

galeobdolon (L.) Ehrend. & Polatschek - yellow archangel. (*Lamium galeobdolon* (L.) L.) **VA:** Fairfax Co. (Atlas). Escape.

## Lamium

amplexicaule L. - henbit. **DC, MD, VA.** Naturalized.

maculatum L. - spotted dead-nettle. **MD:** Baltimore Co. (B&B 1984). Escape.

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.

marrubiastrum L. - horehound motherwort. **DC** (*P. Fleming 1236, 1989*), **VA:** Loudoun Co. (Atlas). Waif.

**Lycopus**

**americanus** Muhl. - water-horehound, American water-horehound, cut-leaved water-horehound. **DC, MD, VA.**

**amplectens** Raf. - sessile-leaved water-horehound. **MD** (inferred from B&B 1984).

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**

*aquatica* L. - water mint. **MD:** Baltimore City (*E. Baltars 791*, 1956). Escape.

**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 *citrata* Ehrh. - lemon mint. **MD:** Prince George's Co., Beltsville (Terrell et al. 1999), **VA:** Fauquier Co. (Atlas). Escape. A sterile derivative of *M. aquatica* x *M. spicata*. Probably should be combined with *M. aquatica*.

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.

*longifolia* (L.) Huds. - horsemint. (*Mentha silvestris* L.) **DC** (*P. Fleming 1226*, 1981), **MD:** Baltimore City, Canton (Reed 1964); Calvert Co. (*E.S. Steele s.n.*, 1902). Escape.

x *piperita* L. (= *M. aquatica* x *M. spicata*) - peppermint. (*M. crispa* L.) **DC, MD, VA.** Naturalized.

*pulegium* L. - pennyroyal. **MD:** Prince George's Co., College Park (*J.B.S. Norton s.n.*, 1932). Waif.

x *rotundifolia* (L.) Huds. (= *M. longifolia* x *M. 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.**

**didyma** L. - Oswego-tea, bee-balm. **MD:** Calvert Co., Chesapeake Beach (*C.V. Morton 2078b*, 1930), **VA:** Fairfax Co., Little Falls (*Vasey s.n.*, 1873). Doubtful if truly native in W-B Area.

**fistulosa** L. - wild bergamot. (*M. mollis* L.) **DC, MD, VA.**

**media** Willd. - purple bergamot. **MD:** Prince George's Co., Ammendale (*Bro. F. Hyacinth 1654*, 1918). Possibly introduced.

**punctata** L. - horsemint. **DC, MD, VA.**

**Nepeta**

*cataria* L. - catnip. **DC, MD, VA.** Naturalized.

**Ocimum**

*basilicum* L. - basil. **VA:** Fairfax Co. (*B.G. Fraser 488*, 1941). Escape.

**Origanum**

*vulgare* L. - wild marjoram. **MD.** Waif.

**Perilla**

*frutescens* (L.) Britton - perilla, beefsteak-plant, perilla-mint. **DC, MD, VA.** Naturalized.

**Physostegia**

**purpurea** (Walter) S.F. Blake - purple false dragon-head. (*Dracocephalum denticulatum* Aiton, misapplied, *D. leptophyllum* (Small) Small, *D. purpureum* (Walter) E.M. McClint. ex Gleason, *D. virginianum* L., misapplied, *P. denticulata* (Aiton) Britton, misapplied, *P. leptophylla* Small, *P. virginiana* (L.) Benth., misapplied) **DC & vicinity** (McAtee 1930, p.51, as *Dracocephalum denticulatum*).

**virginiana** (L.) Benth. - obedient-plant, obedience. (*Dracocephalum denticulatum* Aiton, *D. virginianum* L., *P. denticulata* (Aiton) Britton, *P. speciosa* (Sweet) Sweet) **DC, MD, VA.** Regarded by Brown & Brown 1984 as an escape in Maryland.

**Prunella**

*laciniata* (L.) L. - **DC** (*F.V. Coville s.n.*, 1890). Waif.

**vulgaris** L. - heal-all, selfheal, carpenter-weed. **DC, MD, VA.**

**Pycnanthemum**

**clinopodioides** Torr. & A. Gray - basil mountain-mint. (*Koellia clinopodioides* (Torr. & A. Gray) Kuntze) **DC, MD, VA:** Arlington Co. (*H.W. Henshaw s.n.*, 1886). Only one specimen (*F.H. Sargent 7055*, 1954) since 1900. The only VA specimen was verified by Asa Gray.

**flexuosum** (Walter) B.S.P. - narrow-leaved mountain-mint. (*Koellia flexuosa* (Walter) MacMill.) **VA:** Fairfax Co. (Atlas).

**incanum** (L.) Michx. - hoary mountain-mint. (*Koellia incana* (L.) Kuntze, *P. loomisii* Nutt., misapplied, *P. pycnanthemoides* (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.

**verticillatum** (Michx.) Pers. - verticillate mountain-mint. (*Koellia verticillata* (Michx.) Kuntze) **MD:** Montgomery Co., Plummer's I. (*E.P. Killip 41367*, 1951), **VA:** Fairfax Co. (*H.G. Deignan 1490*, 1947; Atlas).

**virginianum** (L.) T. Durand & B.D. Jacks. ex B.L. Rob. & Fernald - Virginia mountain-mint. (*Koellia virginiana* (L.) MacMill.) **MD, VA.**

**Salvia**

**lyrata** L. - lyre-leaved sage, wild sage. **DC, MD, VA.**

**pratensis** L. - meadow sage. **MD:** Prince George's Co. (B&B 1984). Waif.

**reflexa** Hornem. - lance-leaved sage. **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from west.

**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.

**verbenacea** L. - wild sage. **MD:** Prince George's Co. (*Bro. Arsène* 225, 1916). Waif.

**Satureja**

**calamintha** (L.) Scheele - basil-thyme. (*Calamintha nepeta* (L.) Savi, *Clinopodium nepeta* (L.) Kuntze, *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.

**clingmanii** Small - Clingman's hedge-nettle. **DC:** Potomac Flats (*A. Ruth s.n.*, 1912), **MD, VA?** (Atlas). Included in *S. nuttallii* in Atlas.

**Stachys** - cont.

**eplingii** J.B. Nelson - Epling's hedge-nettle. (*S. nuttallii* Shuttlew. ex Benth., misapplied) **VA**. Type locality: Bull Run Mts., Fauquier Co., VA. Type collection: *H.A. Allard* 8985, 1941 (US3295375, isotype).

*floridana* Shuttlew. ex Benth. - **VA**: Fairfax Co. (Atlas). Waif.

**hyssopifolia** Michx. - hyssop hedge-nettle, hyssop-leaved hedge-nettle. **MD**: Baltimore Co. (*C.C. Plitt s.n.*, 1902), **VA** (Atlas).

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

**nuttallii** Shuttlew. ex Benth. - Nuttall's hedge-nettle. (*S. cordata* Riddell, *S. latidens* Small ex Britton) **MD** (B&B 1984), **VA** (Atlas). Atlas includes *S. clingmanii* in this species.

**palustris** L. - woundwort, marsh woundwort, hedge-nettle. **DC, MD**.

*recta* L. - **DC** (*C.F. Wheeler s.n.*, 1908). Waif.

**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

*serpyllum* L. - wild thyme, creeping thyme. **MD, VA**: Fauquier Co., Roland (*F.R. Fosberg* 65729, 1989). Escape. Probably not this species (see Kartesz 1994, vol. 1, p. 355).

**Trichostema**

**dichotomum** L. - blue-curls. **DC, MD, VA**.

**setaceum** Houtt. - narrow-leaved blue-curls. (*T. lineare* Walter) **DC** (*D. Foreman s.n.*, 1875), **MD**: Anne Arundel Co., Glen Burnie (*F.H. Knowlton s.n.*, 1897), **VA**: Fauquier Co. (Atlas).

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. variifolium* (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. (*Stomosisia 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.**

**striatum** 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.**

**nuttallii** Schult. - Nuttall's lobelia. **MD, VA** (Atlas).

**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-spike lobelia. **DC, MD, VA.**

LOGANIACEAE *The Logania Family***Gelsemium**

**sempervirens** (L.) J. St.-Hil. - yellow jessamine, evening-trumpet-flower. **VA:** Lancaster Co. (Atlas).

**Spigelia**

**marilandica** (L.) L. - Indian-pink, pinkroot, wormgrass. **MD:** Montgomery Co. (McAtee 1930, p. 45),  
**VA:** Fairfax Co., Mount Vernon (H&S).

LYTHRACEAE *The Loosestrife Family***Ammannia**

**coccinea** Rottb. - tooth-cup. (*A. teres* Raf., in part) **MD, VA.**

**latifolia** L. - Koehne's ammannia. (*A. koehnei* Britton, *A. teres* Raf., in part.) **MD:** Charles Co. (*N.C. Fassett 22319*, 1945), **VA** (Atlas).

**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**

**esculentus** (L.) Moench - okra, gumbo. (*Hibiscus esculentus* L.) **DC** (*L.F. Ward s.n.*, 1882). Escape.  
See also Ward (1884, p. 84).

**Abutilon**

**theophrasti** Medik. - velvet-leaf, Indian-mallow. (*A. abutilon* (L.) Rusby, *A. avicennae* Gaertn.) **DC, MD, VA.** Naturalized.

**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.

**officinalis** L. - marshmallow. **MD:** Upper Patuxent Estuary (B&B 1984). Naturalized.

**Anoda**

**cristata** (L.) Schldl. - 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.

**hirsutum** L. - upland cotton. **VA:** Alexandria (*J.B.S. Norton s.n.*, 1915). 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.

**Kosteletzkya**

*virginica* (L.) C. Presl ex A. Gray - seashore-mallow. **MD, VA**.

**Malva**

*moschata* L. - musk mallow. **DC** (*J.B.S. Norton s.n.*, 1915), **VA**: Fairfax Co. (Atlas). Waif.

*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**

**trifoliata** L. - buckbean, bogbean. **MD:** Baltimore Co. (FJH 1946).

**Nymphoides**

**aquatica** (J.F. Gmelin) Kuntze - big floating-heart. **MD:** Anne Arundel Co. (FJH 1946).

**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. hypopithys* as published) **DC, MD, VA.**

**uniflora** L. - Indian-pipe. **DC, MD, VA.**

**Monotropis**

**odorata** Schwein. ex Elliott - sweet-pinesap, pygmy-pipes. **MD:** Anne Arundel and Baltimore cos., **VA:** Northumberland Co. (Atlas).

MORACEAE *The Mulberry Family***Broussonetia**

**papyrifera** (L.) Vent. - paper-mulberry. (*Papyrius papyrifera* (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**

*peregrina* (L.) J.M. Coult. - sweet-fern. **DC**: H&S (US specimens on loan), **MD**: Ann Arundel Co. (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**

*jalapa* L. - four-o'clock. **DC, VA** (Atlas). Escape.

*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**

**lutea** (L.) Sm. - spatterdock, yellow pond-lily, yellow water-lily, bullhead-lily. (*Nuphar advena* (Aiton) W.T. Aiton, *N. variegata* Durand, *Nymphaea advena* Aiton) **DC, MD, VA**. Treatment of *Nuphar* remains problematic; some continue to recognize several species in this complex (Wiersema & Hellquist 1993).

**Nymphaea**

**odorata** Aiton - fragrant water-lily, white water-lily, pond-lily. (*Castelia odorata* (Aiton) Woodv. & Wood, *N. tuberosa* Paine) **DC, MD, VA**. According to Wiersema and Hellquist (1993), W-B Area plants are ssp. *odorata*, and ssp. *tuberosa* (Paine) Wiersema & Hellq. does not occur here.

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**

**suspensa** (Thunb.) Vahl - forsythia. **MD**: Prince Georges Co., Ammendale (*Bro. Hyacinth* 1985, 1919). Escape.

**viridissima** Lindl. - forsythia. **VA**: Fairfax Co. (Atlas). Escape.

**Fraxinus**

**americana** L. - white ash. (*F. biltmoreana* Beadle, *F. pubescens* Lam., misapplied) **DC, MD, VA**.

**caroliniana** Mill. - Carolina ash. **VA**: "Along Potomack River opposite Washington" (Ashe 1919, p. 226).

**nigra** Marshall - black ash. **DC** (*A.L. Schott s.n.*, 1885), **MD, VA** (Atlas). The only DC specimen may have been planted. See Allard 1945, p. 82-87.

**pennsylvanica** Marshall - red ash, green ash. (*F. lanceolata* Borkh., *F. pubescens* Lam., *F. viridis* Michx. f.) **DC, MD, VA**. Glabrous form is called green ash.

**profunda** (Bush) Bush - red ash, pumpkin ash. (*F. tomentosa* Michx. f.) **DC, MD**: Prince George's Co., mouth of Oxon Creek (*Uhler & Nelson s.n.*, 1933), **VA**: Alexandria (*J.H. Painter* 912, 1904).

**Ligustrum**

**amurense** Carrière - Amur privet. **MD** (inferred from B&B 1972), **VA**: Fauquier Co. (*H.A. Allard* 20028, 1951 or 1952?). Escape.

## Ligustrum - cont.

- japonicum* Thunb. - wax-leaf privet, Japanese privet. **VA**: Fairfax Co. (Atlas). Escape.
- obtusifolium* Siebold & Zucc. - border privet. **DC, MD, VA** (Atlas). Escape.
- ovalifolium* Hassk. - California privet. **DC, VA** (Atlas). Escape.
- quihoui* Carrière - sessile-flowered privet. **MD**: Prince George's Co., Beltsville (Terrell et al. 1999), **VA**: Fairfax Co. (*H.A. Allard 11993*, 1946). Escape.
- sinense* Lour. - privet. **VA**. Widely naturalized in VA according to Atlas.
- tschonoskii* Decne. - Tschonosky privet. (*L. acuminatum* Koehne) **DC**: Rock Creek Park (*P. Fleming 541*, 1987). Escape.
- 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**

- alpina** L. - alpine enchanter's-nightshade. **DC** (*L.F. Ward s.n.*, 1879), **VA**: Fauquier Co. (Atlas). Ward specimen possibly depauperate *C. lutetiana*.
- 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).
- ciliatum** Raf. - American willow-herb, northern willow-herb. (*E. adenocaulon* Hausskn., *E. glandulosum* Lehm. var. *adenocaulon* (Hausskn.) Fernald) **DC** (?*L.F. Ward s.n.*, 18\_\_, vicinity of DC), **MD** (inferred from B&B 1984), **VA** (Atlas). Ward specimen determined by P.C. Hoch, 1996.
- 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.
- leptophyllum** Raf. - American marsh willow-herb, linear-leaved willow-herb. **MD**: Frederick Co. (*E. Baltars 2732*, 1960).
- strictum** Muhl. ex Spreng. - northeastern willow-herb, downy willow-herb. **VA**: Arlington Co. (Atlas).

**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.**

**peploides** (Kunth) P.H. Raven - creeping primrose-willow, creeping water-primrose. (*Jussiaea diffusa* Forssk., misapplied, *J. repens* L.) **MD:** Montgomery Co., Plummers Island (*Wells, Brown & Murtha 4866*, 1997), **VA** (*Strong, Kelloff & Horn 1257*, 1994; Atlas). Naturalized, from west.

**uruguayensis** (Cambess.) H. Hara - showy primrose-willow, showy water-primrose. (*Jussiaea uruguayensis* Cambess.) **DC** (*F.J. Hermann 11721*, 1957). Naturalized, from American tropics.

**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. stenomeris* 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.**

**oakesiana** (A. Gray) J.W. Robbins ex S. Watson & J.M. Coult. - Oakes evening-primrose. (*O. parviflora* (A. Gray) Fernald var. *oakesiana* (A. Gray) Fernald) **MD:** St. Marys Co., Millstone Landing (*I. Tidestrom 5151*, 1911; *Blake & Tidestrom 11966*, 1935). Both specimens from type locality at Millstone Landing.

**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.

*pilosella* Raf. - midwestern sundrops. **VA**: Alexandria (*G. Vasey s.n.*, 1884). Waif, from west.

*speciosa* Nutt. - white evening-primrose. **VA**: Fairfax Co. (Atlas). Escape, from west.

OROBANCHACEAE *The Broom-rape Family***Conopholis**

*americana* (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**

*albiflora* Hornem. - white prickly-poppy. (*A. alba* T. Lestib.) **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Escape, from south.

*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**

flavum Crantz - horned-poppy, sea-poppy. **MD**: Calvert Co. (*F.M. Uhler et al. s.n.*, 1946), **VA**: Fairfax Co. (Atlas). Waif.

**Papaver**

dubium L. - orange poppy, smooth-fruited poppy, long-headed poppy. **DC, MD, VA**. Escape.

rheas L. - Shirley poppy, corn poppy. **DC** (*C.C. Parry s.n.*, 1869). Question whether Parry specimen was cultivated or escape.

somniferum L. - opium poppy, common poppy. **MD**: Harford Co. (B&B 1984). 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**

diphyllum (Michx.) Nutt. - celandine-poppy, wood-poppy. **DC**: Rock Creek Park (*P. Fleming 6*, 1986), **MD** (B&B 1984). Probably an escape at least in DC (Fleming & Kanal 1995).

PASSIFLORACEAE *The Passion-flower Family***Passiflora**

foetida L. - running-pop, love-in-a-mist, wild water-lemon. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from tropics.

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**

louisianica (Mill.) Thell. - unicorn-plant, devil's-claw, proboscis-flower, ram's-horn. (*Martynia louisianica* Mill., *M. proboscidea* Gloxin) **DC** (*A.W. Schott s.n.*, 1885, ?planted), **MD** (inferred from B&B 1984), **VA**: Arlington Co. (*L.F. Ward s.n.*, 1893). Planted or escaped. Often placed in Martyniaceae.

PHRYMACEAE *The Lopseed Family***Phryma**

leptostachya L. - lopseed. **DC, MD, VA**. Placed in Verbenaceae by Gleason & Cronquist (1991, p. 431).

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.

**cordata** Lam. - heart-leaved plantain, king-root. **DC, MD:** opposite Alexandria (*C.S. Sheldon s.n.*, 1881), **VA:** Alexandria. No collections since 1918.

**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, riffleweed, threadfoot. **DC, MD, VA.**

POLEMONIACEAE *The Phlox Family*

## Leptodactylon

**pungens** (Torr.) Torr. ex Nutt. - prickly-phlox. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

**Phlox**

**carolina** L. - thick-leaf phlox. **VA**: Fairfax Co. (Atlas).

**divaricata** L. - wild blue phlox, forest phlox. **DC, MD, VA**.

**drummondii** 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.

**glaberrima** L. - smooth phlox. **MD**: Frederick Co. (B&B 1984).

**maculata** L. - wild sweet-William, meadow phlox. **DC, MD, VA**.

**paniculata** L. - summer phlox, garden phlox, fall phlox, perennial phlox. **DC, MD, VA**. Also often escaping from cultivation.

**pilosa** 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).

**subulata** L. - moss-pink, moss phlox. (*P. brittonii* Small) **MD, VA**.

**Polemonium**

**reptans** L. - Greek-valerian, spreading Jacob's-ladder. **DC, MD, VA** (Atlas).

POLYGALACEAE *The Milkwort Family***Polygala**

**cruciata** L. - cross-leaved milkwort. **DC**: Brightwood Swamp (*E.S. Steele s.n.*, 1897), **MD**.

**curtissii** A. Gray - Curtiss' milkwort, Appalachian milkwort. **DC, MD, VA**.

**incarnata** L. - pink milkwort. **DC, MD, VA**.

**lutea** L. - orange milkwort. **MD, VA**: "Sander" (*P. Bartsch s.n.*, 1899). Sander possibly not in VA.

**mariana** Mill. - Maryland milkwort. **DC, MD, VA**.

**nuttallii** 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.

**paucifolia** 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.**

**arenastrum** Jord. ex Boreau - oval-leafknotweed. (*P. aviculare* L., misapplied) **MD:** Prince George's Co., Beltsville (Terrell et al. 1999). Naturalized.

**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.

**careyi** Olney - Carey's smartweed. **MD:** Anne Arundel Co. (B&B 1984).

**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.

**cuspidatum** Siebold & Zucc. - Japanese knotweed. (*Pleuropterus zuccarinii* (Small) Small) **DC, MD, VA.** Escape.

**densiflorum** Meisn. - dense-flowered smartweed. **MD, VA** (Atlas).

**douglasii** Greene - Douglas knotweed. **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964).

**erectum** L. - erect knotweed. **DC, MD, VA.**

**glaucum** Nutt. - seaside knotweed, seabeach knotweed. **MD** (Norton 1942), **VA:** Lancaster Co. (*L.B. Smith 5584*, 1951).

**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.**
- orientale** 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* Brenckle, *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*.
- sachalinense** F. Schmidt ex Maxim. - giant knotweed. **DC** (McAtee 1940, p. 141), **MD:** Baltimore Co., Back River (*E. Baltars* 2534, 1959), **VA** (Atlas). Escape.
- 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.**
- setaceum** Baldwin - bristly smartweed. **VA** (Atlas 1992, Simmons et al. 1995). Found at Conowingo, Cecil Co., MD, just outside W-B Area, according to Norton (1942). Sometimes treated as var. *setaceum* (Baldwin) Gleason of *P. hydropiperoides* (Gleason & Cronquist 1991).
- 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.) **DC**?: "In vicinis Washington D.C." (*Ward s.n.*, 1876). Persists long from cultivation; doubtful escape.

**Rumex**

acetosella L. - sheep sorrel. **DC, MD, VA**. Naturalized.

**altissimus** A. Wood - pale dock, water dock. **DC, MD, VA**.

conglomeratus Murray - clustered dock. **VA**: King George Co. (*Hotchkiss & Uhler 7219*, 1948). Waif.

crispus L. - curly dock. **DC, MD, VA**. Naturalized.

obtusifolius L. - bitter dock, broad-leaved dock. **DC, MD, VA**. Naturalized.

patientia L. - patience dock. **DC** (*E.S. Steele s.n.*, 1901), **MD** (*E.S. Steele s.n.*, 1905). Naturalized.

**pulcher** L. - fiddle dock. **MD, VA**.

**verticillatus** L. - swamp dock, water dock. (*R. floridanus* Meisn.) **DC, MD, VA** (Atlas, Simmons et al. 1995).

PORTULACACEAE *The Purslane Family***Claytonia**

**virginica** L. - spring-beauty. **DC, MD, VA**.

**Montia**

linearis (Douglas ex Hook.) Greene - narrow-leaved montia, line-leaved Indian-lettuce. **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. **DC, MD, VA**. Naturalized.

**Talinum**

**teretifolium** Pursh - fameflower. **MD, VA**.

PRIMULACEAE *The Primrose Family***Anagallis**

arvensis L. - scarlet pimpernel, common pimpernel. **DC, MD, VA**. Naturalized.

monelli L. - pimpernel. **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.

**hybrida** Michx. - lowland loosestrife, Mississippi-valley loosestrife. (*L. lanceolata* ssp. *hybrida* (Michx.) J.D. Ray, *Steironema hybridum* (Michx.) Raf. ex B.D. Jacks., *S. lanceolatum* (Walter) A. Gray var. *hybridum* (Michx.) A. Gray) **MD, VA** (Atlas).

**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.**

**vulgaris** L. - garden loosestrife. **MD**: Harford Co. (*E. Baltars* 367, 630, 1951, 1955). Escape.

**Samolus**

**parviflorus** Raf. - water-pimpernel, brookweed. *S. 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**

**pachypoda** Elliott - white baneberry, doll's-eyes. (*A. alba* (L.) Mill., misapplied) **MD:** Montgomery Co. (*E.C. Leonard 1345*, 1919; *T. Ulke*, 1933), **VA:** Richmond Co. (Atlas).

**Anemone**

*blanda* Schott & Kotschy - sapphire anemone. **VA:** Fauquier Co., Roland (*F.R. Fosberg 55416*, 1974). Escape.

**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**

**thalictroides** (L.) Spach - rue-anemone, windflower. (*Syndesmon thalictroides* (L.) Hoffmanns. ex Britton, *Thalictrum thalictroides* (L.) Eames & B. Boivin) **DC, MD, VA.** Now included by some in *Thalictrum* (Park & Festerling 1997).

**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**

**occidentalis** (Hornem.) DC. - purple clematis, purple virgin's-bower. (*C. verticillaris* DC.) **VA:** Loudoun Co. (Atlas). Plants in W-B Area are var. *occidentalis* (Pringle 1997).

**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).

**terniflora** DC. - Japanese clematis, yam-leaved clematis, sweet autumn clematis. (*C. dioscoreifolia* H. Lév. & Vaniot, *C. maximowicziana* Franch. & Savigny, *C. paniculata* Thunb., misapplied) **DC, MD, VA**. Naturalized.

**viorna** L. - leather-flower, vase-vine. (*Viorna urnigera* Spach) **DC, MD, VA**.

**virginiana** L. - virgin's-bower. **DC, MD, VA**.

**vitalba** L. - traveler's-joy, old-man's-beard. **MD**: Baltimore (*E. Baltars 351*, 1951). Escape.

**Consolida**

**ajacis** (L.) Schur. - rocket larkspur. (*C. ambigua* (L.) P.W. Ball & Heywood, *Delphinium ajacis* L., *D. ambiguum* L., misapplied, *D. consolida* L., misapplied) **DC, MD, VA**. Escape.

**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**

**trifolia** (L.) Salisb. - goldthread, goldenroot. (*C. groenlandica* (Oeder) Fernald) **MD**: Prince George's Co. (*Bro. Hyacinth 1851*, 1919).

**Delphinium**

**tricornе** Michaux - dwarf larkspur. **DC** ?, **MD**: Montgomery Co., Potomac islands (?extirpated), **VA**: Fairfax Co. (Atlas). Old DC specimens probably from Potomac Islands in MD.

**Enemion**

**biternatum** Raf. - false rue-anemone. (*Isopyrum biternatum* (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**

**hyemalis** (L.) Salisb. - winter-aconite. **DC** (*P. Fleming 313*, 1987), **VA**: Westmoreland Co. (Atlas). Escape.

**Helleborus**

**orientalis** Lam. - Lenten-rose, Easter-flower. **DC** (*P. Fleming 331*, 1987). Escape. Persisting?

**Hepatica**

**americana** (DC.) KerGawl. - hepatica, round-lobed hepatica. (*Anemone americana* (DC) H. Hara, *H. nobilis* Mill., misapplied) **DC, MD, VA**. Now included by some in *Anemone* (Dutton et al. 1997).

**Hydrastis**

**canadensis** L. - goldenseal, yellowroot. **MD**: Harford Co. (B&B 1984).

**Myosurus**

**minima** L. - mousetail. **VA**: Richmond Co. (Atlas).

**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.
- alleghehiensis** Britton - Allegheny crowfoot. **VA.**
- ambigens** S. Watson - spearwort, water-plantain spearwort. (*R. obtusiusculus* Raf.) **DC, MD, VA.**
- aquatilis** L. - white water crowfoot. (*R. longirostris* Godr.) **VA:** Fauquier Co. (*H.A. Allard* 8892, 1941). Plants of W-B Area are var. *diffusus* With. (Whittemore 1997).
- 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.
- ficaria** L. - lesser-celandine, pilewort. (*Ficaria verna* Huds.) **DC, MD, VA** (Atlas). Naturalized, very invasive.
- flabellaris** Raf. - yellow water crowfoot, yellow water buttercup. (*R. delphiniifolius* Torr. ex Eaton) **MD:** Montgomery Co. (McAtee 1930, p. 26, B&B 1984).
- 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).

**dasy carpum** Fisch. & Avé-Lall. - purple meadow-rue. **MD** (B&B 1984).

**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

**daurica** 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**

**gyrosepala** 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**

**microcarpa** Boiss. & Reut. - parsley-piert, lady's-mantle. (*Alchemilla arvensis* (L.) Scop., misapplied, *Aphanes arvensis* L., misapplied, *A. microcarpa* (Boiss. & Reut.) Rothm.) **DC, VA.** Waif.

**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*.

**obovalis** (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.) 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 - variable hawthorn, 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?

**phaenopyrum** (L. f.) Medik. - Washington thorn, Washington hawthorn. (*C. cordata* Aiton) **DC, MD, VA** (Atlas). Escape.

**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. (*N. Hotchkiss 5661*, 1937). Hotchkiss specimen apparently basis for including *C. "boyntoni* 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 margareta* Ashe, not *C. viridis* (see *C. margareta*).

**Duchesnea**

**indica** (Andrews) Focke - false strawberry, Indian-strawberry. **DC, MD, VA**. Naturalized.

**Filipendula**

**rubra** (Hill) B.L. Rob. - queen-of-the-prairie. **MD**: Baltimore Co. (*G.R. Fessenden 5252*, 1951), **VA**: Fauquier Co. (*H.A. Allard 8995, 11974*, 1941, 1946).

**Fragaria**

**vesca** L. - woodland strawberry. **VA**: Westmoreland Co. (Atlas).

**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**

**japonica** (L.) DC. - Japanese-rose. **VA** (Atlas). Escape.

**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, *Pyrus coronaria* 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.

*sylvestris* Mill. - apple. (*M. pumila* Mill., misapplied., *Pyrus malus* L.) **DC, MD, VA**. Escape.

*toringo* (Siebold) Siebold ex de Vriese - Toringo crab, Toringo crabapple. (*M. sieboldii* (Regal) Rehder, *Pyrus sieboldii* Regel) **MD**: Prince George's Co., Beltsville (Terrell et al. 1999). Escape.

**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**

*anserina* L. - silverweed. (*Argentina anserina* (L.) Rydb.) **MD** (H&S). Status doubtful; not listed in B&B 1984.

*argentea* L. - silver cinquefoil (five-finger). **DC, MD**: Prince George's Co., Beltsville (Terrell et al. 1999), **VA**: Fauquier Co. (Atlas). Naturalized.

*arguta* Pursh - tall cinquefoil (five-finger). **MD**.

*canadensis* L. - common cinquefoil (five-finger), running cinquefoil. (*P. pumila* Poir.) **DC, MD, VA**.

*intermedia* L. - downy cinquefoil (five-finger). **MD**: Anne Arundel Co. (B&B 1984). Waif.

*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**

*alleghaniensis* Porter - Allegheny plum, Allegheny sloe. **VA**: Culpeper Co. (Atlas).

*americana* Marshall - wild plum **DC, MD, VA**.

**Prunus** - cont.

- angustifolia** Marshall - chickasaw plum. (*P. chिकास Michx.*) **DC, MD, VA.**
- armeniaca** L. - apricot. **DC** (*L.F. Ward s.n.*, 1878), **MD**: Prince George's Co., Marlboro Rd. (*L.F. Ward s.n.*, 1879). Planted or escaped? Both specimens on same sheet.
- avium** L. - sweet cherry. **DC, MD, VA.** Persisting from planting and frequent escape.
- cerasus** L. - sour cherry, pie cherry. **DC** (*L.F. Ward 565*, 1876; planted?), **VA** (Atlas). Occasional escape.
- hortulana** L.H. Bailey - wild goose plum, hortulan plum. **VA**: Fairfax Co. (Atlas).
- insititia** L. - damson, damson plum. (*P. domestica* L. ssp. *insititia* (L.) C.K. Schneid.) **VA** (Atlas). Escape.
- mahaleb** L. - mahaleb, mahaleb cherry, perfumed cherry. **DC, MD, VA.** Persisting from planting or escape. All US specimens possibly from planted trees.
- munsoniana** Wight & Hedrick - wild goose plum. **VA**: Fauquier Co. (*H.A. Allard 1985*, 1936). Escape.
- 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.
- pumila** L. - sand cherry. (*P. cuneata* Raf., *P. susquehanae* Willd.) **MD, VA** (Atlas).
- serotina** Ehrh. - wild black cherry, wild cherry, black cherry. **DC, MD, VA.**
- spinosa** L. - sloe, blackthorn. **DC** ? (*L.F. Ward s.n.*, 2 specimens, 1878, 1879), **MD.** Escape.
- subhirtella** Miq. - weeping Higan cherry, Japanese flowering cherry. **DC** (*P. Fleming 350, 720*, 1987, 1988). Escape. "Occasional" in Rock Creek Park (Fleming & Kanal 1995, p. 308).
- 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**

*calleryana* Decne. - Bradford pear. **MD**: Prince George's Co., Beltsville (Terrell et al. 1999), **VA** ; Fairfax Co., Herndon (S.G. Shetler, personal observations, 1999). Escape, becoming invasive.

*communis* L. - common pear, pear. **DC, MD, VA**. Escape.

**Rhodotypos**

*scandens* (Thunb.) Makino - jetbead, white kerria. **DC, VA**: Loudoun Co. (Atlas). Escape.

**Rosa**

*blanda* Aiton - smooth rose. **VA**: Fauquier Co. (*H.A. Allard 8658*, 1941). Waif.

*bracteata* J.C. Wendl. - McCartney rose. **MD**: Harford Co. (*E. Baltars 2452*, 1959), **VA**: Westmoreland Co. (*E. Thorworth s.n.*, 1903). Escape.

*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**.

*eglanteria* L. - sweetbrier, Eglantine. (*R. rubiginosa* L.) **DC, MD, VA**. Escape.

*gallica* L. - French rose. **VA** (Atlas). Escape. Presumably, Atlas record based on specimens other than single, Fairfax specimen in US (*H.G. Deignan 1446*, 1947), surely planted.

*micrantha* Borrer ex Sm. - sweetbrier, Eglantine. **DC, MD, VA**: Fairfax Co. (Atlas). Escape.

*multiflora* Thunb. - multiflora rose. **DC, MD, VA**. Naturalized.

*palustris* Marshall - swamp rose. (*R. carolina* L., misapplied) **DC, MD, VA**.

*rugosa* Thunb. - Japanese rose. **VA** (Atlas). Escape.

*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**

*alleghehiensis* Porter - common blackberry. (*R. alumnus* L.H. Bailey) **DC, MD, VA**.

*argutus* Link - tall blackberry, southern blackberry. (*R. fatuus* L.H. Bailey, *R. frondosus* Bigelow, in part, *R. jugosus* L.H. Bailey, *R. louisianus* Berger, *R. miriflorus* L.H. Bailey, in part, *R. pauxillus* L.H. Bailey, *R. rhodophyllus* Rydb., *R. subtractus* L.H. Bailey) **MD, VA**. *Rubus argutus* of H&S is a confused name, including also *R. allegheniensis* and *R. pensilvanicus*.

**Rubus** - cont.

**bifrons** Vest. ex Tratt. - Himalayan-berry. (*R. ulmifolius* Schott.) **DC**: Rock Creek Park (*P. Fleming* 838, 1988), **VA**: Arlington Co. (McAtee 1940, p. 142); Fairfax Co. (Atlas). Escape.

**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**: Kenilworth Park (*P. Fleming* 2192, 1989), **VA** (Atlas). Escape.

**flagellaris** Willd. - northern dewberry, dewberry. (*R. baileyanus* Britton, *R. camurus* L.H. Bailey, *R. canadensis* L. in part, misapplied, *R. celer* L.H. Bailey, *R. centralis* L.H. Bailey, *R. clarus* L.H. Bailey, *R. depavitus* L.H. Bailey, *R. enslenii* Tratt., *R. fecundus* L.H. Bailey, *R. fuscus* L.H. Bailey (*R. fuscus*), *R. grimesii* L.H. Bailey, *R. invisus* (L.H. Bailey) Britton, *R. jaysmithii* L.H. Bailey, *R. leviculus* L.H. Bailey, *R. obvius* L.H. Bailey, *R. procumbens* Muhl., misapplied, *R. prosper* L.H. Bailey, *R. roribaccus* (L.H. Bailey) Rydb., *R. scambens* L.H. Bailey, *R. steelei* L.H. Bailey, *R. villosus* Aiton, misapplied) **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?

**laciniatus** Willd. - evergreen blackberry, cut-leaved blackberry. **DC, MD, VA** (Atlas). Escape.

**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**.

**pensilvanicus** Poir. - blackberry, Pennsylvania blackberry. (*R. andrewsianus* Blanch., *R. argutus* of H&S, in part, *R. canadensis* L., in part, misapplied, *R. floricomus* Blanch., *R. floridus* Tratt., *R. frondosus* Bigelow, in part, *R. laudatus* Berger, *R. libratus* L.H. Bailey, *R. miriflorus* L.H. Bailey, in part, *R. ostryifolius* Rydb., *R. par* L.H. Bailey, *R. philadelphicus* Blanch., *R. rosarius* L.H. Bailey, *R. subsolanus* L.H. Bailey) **DC, MD, VA**.

**phoenicolasius** Maxim. - wineberry. **DC, MD, VA**. Naturalized.

**trivialis** Michx. - southern dewberry. **VA** (Atlas).

**Sanguisorba**

**canadensis** L. - American burnet, burnet. **DC, MD**.

**minor** Scop. - salad burnet, garden burnet. (*Poterium sanguisorba* L.) **MD**. Waif.

**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.

*japonica* L. f. - Japanese spiraea. **VA**: Fairfax Co. (Atlas). Escape.

*prunifolia* Siebold & Zucc. - bridal-wreath. **DC**: Rock Creek Park (*P. Fleming* 753, 1988), **VA**.  
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**.

*mollugo* L. - white bedstraw, wild madder. (*G. erectum* Huds.) **DC**: Georgetown (*F.J. Hermann* 10282, 1939), **MD, VA**: Alexandria (*S.F. Blake* 10838, 1929).

*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**.

*parisiense* L. - Parisian bedstraw. **VA**: Culpeper Co. (*H.A. Allard* 19248, 1948). Waif.

*pedemontanum* (Bellardi) All. - piedmont bedstraw. (*Cruciata pedemontana* (Bellardi) Ehrend., *Vaillantia pedemontana* Bellardi) **MD**: Prince George's Co., Beltsville (Terrell et al. 1999), **VA**: Fauquier Co. (Atlas). Waif.

*pilosum* Aiton - hairy bedstraw. (*G. punctulosum* 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. tricornae* Stokes, in part) **MD**: Baltimore City, Canton (Reed 1964). Waif.

**trifidum** L. - small bedstraw, northern three-lobed bedstraw. **DC** (*Leonard & Killip 1523*, 1923), **MD, VA**: Huntley Meadows Park (*F.R. Fosberg 65285*, 1986). Doubtfully distinct from *G. tinctorium*.

**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**

**arvensis** L. - field-madder. **DC, MD** (inferred from B&B 1984), **VA** (Atlas). Waif.

**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**

**americanum** Mill. - prickly-ash. **DC**: Pierce Mill (H&S; escape?); Mineshoe Island, (McAtee 1930, p. 50), **MD**: Frederick Co. (*E. Baltars* 300, 1951), **VA** (Atlas). A second US specimen (*W.H. Seaman s.n.*) collected prior to 1915 "near Washington, D.C.," lacks a collection date and locality.

SALICACEAE *The Willow Family***Populus**

**alba** L. - white poplar, silver poplar. **DC, MD, VA.** Persisting and spreading from cultivation.

**balsamifera** L. - balsam poplar. (*P. tacamahacca* Mill.) **DC** (*L.F. Ward s.n.*, 18--), **MD**: Prince George's Co., Paint Branch (*L.F. Ward s.n.*, 1879), **VA** (Atlas). Waif.

**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. xeugenei* 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).

**x jackii** Sarg. (*P. balsamifera x deltoides*) - balm-of-Gilead. (*P. x gileadensis* Rouleau) **VA** (Atlas). Escape from cultivation.

**nigra** L. - black poplar. (*P. dilatata* Aiton, *P. italica* (Münchh.) Moench) **DC, MD** (inferred from B&B 1972), **VA**: Lancaster Co. (*H.A. Allard* 21821, 1954). Occasional escape from cultivation. Possibly all DC specimens from planted trees. Var. *italica* Münchh., Lombardy poplar, extensively planted, but unable to spread by seed.

**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.

**bebbiana** Sarg. - long-beaked willow. **MD**: Baltimore Co. (FJH 1946).

**caprea** L. - goat willow, florist's willow. **VA** (Atlas). Doubtful escape.

**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

*paniculata* Laxm. - goldenrain-tree, varnish-tree. **VA:** Arlington Co. (Atlas). Escape.

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**

**cernuus** L. - lizard's-tail. **DC, MD, VA.**

SAXIFRAGACEAE *The Saxifrage Family***Chrysosplenium**

**americanum** Schwein. ex Hook. - water-mat, water-carpet, golden-saxifrage. **DC, MD, VA.**

**Deutzia**

**gracilis** Siebold and Zucc. - slender deutzia. **MD:** Montgomery Co. (*G.S. Miller, Jr., s.n.*, 1897).  
Escape.

x **magnifica** (Lemoine) Rehder - showy deutzia. (*D. scabra* x *D. vilmorinae* (Lemoine) Rehder) **DC:**  
Rock Creek Park (*P. Fleming 1394*, 1992). Escape? Species said by Fleming (1992, p. 309) to  
be escaping. She cites a different specimen, *P. Fleming 491*, 1987, but its label says  
"cultivated."

**scabra** Thunb. - scabrous deutzia. **DC** (*P. Fleming 697*, 1989), **VA** (Atlas). Escape.

**Heuchera**

**americana** L. - common alumroot, rock-geranium. **DC, MD, VA.**

**pubescens** Pursh - downy heuchera, Appalachian alumroot. **VA.**

**Hydrangea**

**arborescens** L. - wild hydrangea, American hydrangea. **DC, MD, VA.**

**paniculata** Siebold. - paniced hydrangea. **DC:** Rock Creek Park. Escape.

**quercifolia** Bartram - oakleaf hydrangea. **DC:** Rock Creek Park. Escape.

**Itea**

**virginica** L. - tassel-white, Virginia-willow. **DC, MD, VA.**

**Mitella**

**diphylla** L. - miterwort, bishop's-cap. **DC, MD, VA.**

**Parnassia**

**asarifolia** Vent. - kidney-leaved grass-of-Parnassus. **MD:** Charles Co., Cedarville State Forest, **VA:**  
Richmond Co. (Atlas).

**Philadelphus**

**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.

**inodorus** L. - common mock-orange, Appalachian mock-orange. **DC.** Escape.

**Ribes**

**americanum** Mill. - wild black currant, eastern black currant. **DC.**

**Ribes** - cont.

**cyunosbati** 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).

**rubrum** L. - red currant, red garden currant. (*R. sativum* Syme, *R. vulgare* Lam.) **VA**: Prince William Co. (Atlas). Escape.

**Saxifraga**

**micranthidifolia** (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**

**acuta** Pennell - sand-plain agalinis, sand-plain gerardia. (*Gerardia acuta* (Pennell) Pennell) **MD**: Soldier's Delight, Baltimore Co. (*I.T. Isanogle* 7, 1949). Species determination by C. A. Davis (1996); originally det. *Gerardia decemloba* Greene. Doubtfully distinct from *A. obtusifolia* Raf.

**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**.

**fasciculata** (Elliott) Raf. - fascicled agalinis, fascicled gerardia. (*Gerardia fasciculata* Elliott) **MD** ? (cf. B&B 1984 and Gleason & Cronquist 1991), **VA**: Fairfax Co. (Atlas).

**maritima** (Raf.) Raf. - saltmarsh agalinis, seaside agalinis, saltmarsh gerardia. **MD, VA**: Northumberland Co. (Atlas).

**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).

**purpurea** (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**

**flava** (L.) Farw. - smooth false foxglove, smooth yellow foxglove. (*A. virginica* (L.) Pennell, misapplied, *Dasistoma flava* (L.) Wood, *D. virginica* (L.) Britton, misapplied, *Gerardia flava* L., *G. virginica* (L.) B.S.P., misapplied) **MD, VA.**

**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 pedicularia* Benth., *Gerardia pedicularia* L.) **DC, MD, VA.**

**virginica** (L.) Pennell - downy false foxglove, downy yellow-foxglove. (*A. flava* (L.) Farw., misapplied, *A. villosa* (Muhl.) Raf., *Dasistoma flava* (L.) Wood, misapplied, *D. virginica* (L.) Britton, *Gerardia flava* L., misapplied, *G. virginica* (L.) B.S.P.) **DC, MD, VA.**

**Bacopa**

**rotundifolia** (Michx.) Wettst. - round-leaved water-hyssop. (*B. simulans* Fernald) **VA:** Stafford Co. (Atlas). Introduced from Mississippi basin? (see Cronquist & Gleason 1991)

**Buchnera**

**americana** L. - blue-hearts. **DC, MD, VA.**

**Castilleja**

**coccinea** (L.) Spreng. - scarlet painted-cup, painted-cup, Indian-paintbrush. **VA:** Fairfax Co. (*W.F. Caton s.n.*, 1926).

**Chaenorrhinum**

**minus** (L.) Lange - lesser snapdragon, small snapdragon. **MD:** Baltimore Co. (*E. Baltars 2316*, 1958), **VA** (Atlas). Waif.

**Chelone**

**glabra** L. - turtlehead, white turtlehead. **DC, MD, VA.**

**obliqua** L. - red turtlehead, purple turtlehead. **MD, VA.**

**Cymbalaria**

**muralis** P. Gaertn., B. Mey. & Scherb. - Kenilworth-ivy. **MD:** Howard Co. (*F.G. Arsene 605*, 1916), **VA:** Fairfax Co. (Atlas). Escape.

**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.**

**pilosa** Michx. - hairy hedge-hyssop. (*Sophronanthe pilosa* (Michx.) Small, *Tragiola pilosa* (Michx.) Small & Pennell) **DC, MD, VA** (Atlas).

**Gratiola** - cont.

**virginiana** L. - round-fruited hedge-hyssop, round-leaved hedge-hyssop. (*G. sphaerocarpa* Elliott)  
DC (*E.L. Morris s.n.*, 1896), **MD, VA**.

**viscidula** Pennell - viscid hedge-hyssop. (*G. viscosa* Schwein.) **DC, MD, VA**.

**Kickxia**

elatine (L.) Dumort. - canker-root, sharp-pointed toadflax, cancerwort. **DC, MD, VA**. Naturalized.

**Limosella**

**australis** R. Br. - mudweed. (*L. subulata* Ives) **MD**: Harford Co. (*G.H. Shull 306*, 1902).

**Linaria**

**canadensis** (L.) Dum. Cours. - blue toadflax, old-field toadflax, annual toadflax. (*Nuttallanthus canadensis* (L.) D.A. Sutton) **DC, MD, VA** (Atlas).

maroccana Hook. f. - Moroccan toadflax. **VA**: Fairfax Co. (Atlas). Waif.

vulgaris Mill. - butter-and-eggs, toadflax. (*L. linaria* (L.) H. Karst.) **DC, MD, VA**. Naturalized.

**Lindernia**

**dubia** (L.) Pennell - false pimpernel. (*Ilysanthes attenuata* (Spreng.) Small, *L. anagallidea* (Michx.) Pennell) **DC, MD, VA**.

procumbens (Krock.) Philcox - false pimpernel. (*L. pyxidaria* L., misapplied) **VA**: Arlington Co. (*F.R. Fosberg 16869*, 1939, as *L. pyxidaria*). Waif.

**Maurandella**

antirrhiniflora (Humb. & Bonpl. ex Willd.) Rothm. - snapdragon-vine. (*Antirrhinum antirrhiniflorum* Hitch., *Maurandya antirrhiniflora* Humb. & Bonpl. ex Willd.) **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from southwest.

**Mazus**

pumilus (Burm. f.) Steenis - (*M. japonicus* (Thunb.) Kuntze) **DC, MD**: Montgomery Co., **VA** (Atlas). Naturalized.

**Mecardonia**

**acuminata** (Walter) Small - purple hedge-hyssop, water-hyssop. (*Bacopa acuminata* (Walter) B.L. Rob., *Pagesia acuminata* (Walter) Pennell) **DC, MD, VA**: Culpeper Co. (*H.A. Allard 20796*, 1952).

**Melampyrum**

**lineare** Desr. - cow-wheat. **DC, MD, VA**.

**Micranthemum**

**micranthemoides** (Nutt.) Wettst. - Nuttall's micranthemum. (*Hemianthus micranthemoides* Nutt.) **DC**: East Potomac [Anacostia] River (*C. Mohr s.n.*, 1882), **VA**: Alexandria (or Fairfax Co.), Hunting Creek (*J.W. Chickering, Jr., s.n.*, 1876; *E.S. Steele s.n.*, 1899). Thought to be extinct.

**Micranthemum** - cont.

**umbrosum** (J.F. Gmel.) S.F. Blake - **VA**: Fairfax Co. (Atlas).

**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**

**bracteosus** Benth. - rosy owl-clover. **MD**: St. Mary's Co. (*S.F. Blake 11911*, 1935). Escape. Possibly planted. No evidence of persistence.

**Paulownia**

**tomentosa** (Thunb.) Siebold & Zucc. ex Steud. - empress-tree, princess-tree, imperial-tree. (*P. imperialis* Siebold & Zucc.) **DC, MD, VA**. Naturalized. Sometimes put in Bignoniaceae.

**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**

**calycosus** Small - long-sepaed beard-tongue. **DC** (Pennell 1935, p. 215), **MD**: Baltimore Co. (B&B 1984). Combined with *P. laevigatus* by Gleason & Cronquist (1991, p. 474).

**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.

**lychnitis** L. - white mullein. **MD**: Baltimore (*G.R. Fessenden 5565*, 1954). Waif.

## Verbascum - cont.

phlomoides L. - clasping-leaved mullein, clasping mullein. **DC** (*R.F. Griggs s.n.*, 1938), **MD**: Frederick Co. (*O.M. Freeman s.n.*, 1935), **VA**: Loudoun Co. (*O.M. Freeman s.n.*, 1935). Naturalized.

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

agrestis L. - garden speedwell, field speedwell. **DC, MD**: Prince George's Co., Beltsville (Terrell et al. 1999), **VA** (Atlas). Naturalized.

**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.

austriaca L. - sage-leaved speedwell. (*V. latifolia* L., *V. teucrium* L.) **DC** (*L.F. Ward s.n.*, 1886). Escape.

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.

filiformis Sm. - creeping speedwell. **DC** (*C. Swallen 1*, 1958). Escape.

hederifolia L. - ivy-leaved speedwell. **DC, MD, VA**. Naturalized.

longifolia L. - long-leaved speedwell. **MD** (Pennell 1935, p. 334; Terrell et al. 1999, Prince George's Co., Beltsville). Escape.

**officinalis** L. - common speedwell, gypsyweed. **DC, MD, VA**. Both indigenous and naturalized.

**peregrina** L. - purslane speedwell, neckweed. **DC, MD, VA**.

persica Poir. - bird's-eye, bird's-eye speedwell. (*V. tournefortii* C.C. Gmel., misapplied) **DC, MD, VA**. Naturalized.

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

annuum L. - pepper. (*C. frutescens* L.) **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964).  
Escape, from tropics.

## Datura

ferox L. - oakleaf thorn-apple. (*D. quercifolia* Kunth) **MD:** Baltimore City, Canton, chrome ore piles  
(Reed 1964). Waif, from southwest.

innoxia Mill. - downy thorn-apple, Indian-apple, angel's-trumpet, sacred datura. (*D. meteloides* DC.  
ex Dunal) **MD:** Baltimore City, Canton, chrome ore piles (Reed 1964); Baltimore Co. (*E.*  
*Baltars 4160*, 1967), **VA:** Prince William Co. (Atlas). Escape, from southwest.

stramonium L. - jimson-weed, stramonium, thorn-apple. (*Datura tatula* L.) **DC, MD, VA.**

## Hyoscyamus

niger L. - black henbane. **MD:** Beltsville, Prince George's Co. (*FJHermann 11613*, 1948). Waif.

## 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.

chinense Mill. - Chinese matrimony-vine. **MD:** Prince George's Co. (*M. Esher s.n.*, 1983). Escape.  
Doubtfully distinct from *L. barbarum* and combined with it by some (Gleason & Cronquist  
1991).

## Lycopersicon

esculentum Mill. - tomato. **MD:** Montgomery Co., Plummer's Island, **VA:** Fairfax Co., Little Hunting  
Creek (*F.R. Fosberg 23999*, 1945). Escape.

## Nicandra

physalodes (L.) Gaertn. - apple-of-Peru. (*Physalodes peruvianum* (Mill.) Kuntze) **DC, MD, VA:**  
Fairfax Co. (*G.S. Miller, Jr., s.n.*, 1903). Escape.

## Nicotiana

alata Link & Otto - flowering tobacco, jasmine tobacco. **MD** (inferred from B&B 1984). Escape.

glauca Graham - tree tobacco, mustard-tree. **MD:** Baltimore City, Canton, chrome ore piles (Reed  
1964). Waif, from tropics.

## Nicotiana - cont.

*longiflora* Cav. - flowering tobacco, long-flowered tobacco. **MD** (inferred from B&B 1984). Escape.

*plumbaginifolia* Viv. - **MD**: Baltimore City, Canton, manganese ore piles (Reed 1964). Waif, from tropics.

*tabacum* L. - tobacco. **MD**: Southern MD (B&B 1984). Escape.

*trigonophylla* Dunal - desert tobacco. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from southwest.

## Petunia

*axillaris* (Lam.) B.S.P. - common garden petunia. (*P. x hybrida* Vilm., *P. integrifolia* (Hook.) Schinz & Thell., *P. violacea* Lindl., ?misapplied) **DC, MD, VA**: Arlington Co. (*E.S. Steele s.n.*, 1905). Escape.

*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

*angulata* L. - angle-stem ground-cherry. **VA**: Loudoun Co. (Atlas).

*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.

*pruinosa* L. - strawberry-tomato, hairy ground-cherry. **MD**: Baltimore Co. (B&B 1984). United with *P. pubescens* by Gleason & Cronquist (1991).

*pubescens* L. - hairy ground-cherry, downy ground-cherry. **MD, VA**.

*virginiana* Mill. - Virginia ground-cherry. (*P. lanceolata* Michx., misapplied) **MD, VA**.

## Salpichroa

*organifolia* (Lam.) Baill. - cock's-eggs. **VA**: Lancaster Co. (Atlas). Escape.

## Solanum

*carolinense* L. - horse-nettle. **DC, MD, VA**.

*deflexum* Greenm. - **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif, from southwest.

*dulcamara* L. - bitter-sweet, nightshade, climbing nightshade, bitter-sweet 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.

*melongena* L. - eggplant. W-B Area (H&S, FJH 1946). Escape.

**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.

*pseudocapsicum* L. - Jerusalem-cherry. W-B Area (H&S, FJH 1946). Escape.

*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.

*sarrachoides* Sendtn. - hairy nightshade. **MD**: Anne Arundel Co. (B&B 1984), **VA** (Atlas). Waif, from tropics.

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

*torvum* Sw. - turkey-berry. **MD**: Baltimore City, Canton, chrome ore piles (Reed 1964). Waif.

*triflorum* Nutt. - cut-leaved nightshade. **DC** (*C.F. Wheeler s.n.*, 1906). Waif, from west.

*tuberosum* L. - potato. W-B Area (H&S, FJH 1946). Escape.

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**

*tinctoria* (L.) L'Her. - sweetleaf, horse-sugar, yellowwood. **VA**: Richmond Co. (Atlas).

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***Tropaeolum**

**majus** L. - nasturtium. **VA:** Fairfax Co., Dyke (*W.L. McAtee 1654*, 1910). Waif.

ULMACEAE *The Elm Family***Celtis**

**laevigata** Willd. - sugarberry, southern hackberry. (*C. mississippiensis* Bosc) **DC, VA** (Atlas).

**occidentalis** L. - hackberry, northern hackberry. (*C. crassifolia* Lam., *C. pumila* Pursh) **DC, MD, VA.**

**tenuifolia** Nutt. - dwarf hackberry. (*C. pumila* Pursh, misapplied) **DC, MD, VA.**

**Ulmus**

**americana** L. - American elm. **DC, MD, VA.**

**glabra** Huds. - Scotch elm, wych elm, broad-leaved elm. (*U. campestris* L., in part) . Widely planted and believed to be escaping.

**minor** Mill. - English elm. (*U. procera* Salisb., *U. viminalis* Lodd. ex Bean (perhaps the correct name)) **MD** (B&B 1972), **VA:** Fauquier Co. (*R.B. Peacocok 367*, 1962). Often planted; escaping and believed to be naturalizing.

**parvifolia** Jacq. - Chinese elm. **DC:** Rock Creek Park (*P. Fleming 677*, 1987), **MD** (B&B 1972), **VA** (Atlas). Spreading from cultivation.

**pumila** L. - Siberian elm. (*U. campestris* L., in part) **MD** (B&B 1972; Terrell et al. 1999), **VA:** Fairfax Co. (*F.R. Fosberg 65306*, 1986). Occasional escape, believed to be naturalizing.

**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**

**fontana** (Lunell) Rydb. - clearweed, richweed. **MD:** Baltimore Co. (B&B 1984), **VA:** Arlington Co. (McAtee 1940, p. 140).

**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).

**locusta** (L.) Latourr. - European corn-salad, blue corn-salad, lamb's-lettuce. (*V. olitoria* (L.) Pollich) **DC, MD, VA.** Naturalized.

**nuttallii** (Torr. & A. Gray) Walp. - Nuttall's corn-salad. **DC** (*Maxon & Standley 364*, 1916, as *V. woodsiana*).

**radiata** (L.) Dufur. - beaked corn-salad. **DC, MD, VA.**

**umbilicata** (Sull.) Wood - Wood's corn-salad. (*V. intermedia* Dyal, *V. patellaria* (Sull. ex A. Gray) Wood, *V. woodsiana* (Torr. & A. Gray) Walp., ?misapplied) **MD, VA.**

VERBENACEAE *The Vervain Family***Callicarpa**

**americana** 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.

- brittoniana** Pollard - coast violet, Britton violet. (*V. notabilis* House, *V. palmata* L., in part, in sense of Gleason & Cronquist, p.160, 1991, *V. pectinata* E.P. Bicknell) **MD**.
- 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**.
- emarginata** (Nutt.) Leconte - triangle-leaved violet. (*V. sagittata* Aiton, in part, in sense of Gleason & Cronquist 1991, p. 159, and Kartesz 1994, vol. 1, p. 608) **DC, MD, VA**.
- fimbriatula** Sm. - ovate-leaved violet. (*V. sagittata* Aiton, in part, in sense of Gleason & Cronquist, 1991, p. 159, and Kartesz 1994, vol. 1, p. 608, *V. sagittata* var. *hicksii* Pollard (type from DC)) **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**.
- pubescens** Aiton - downy yellow violet, smooth yellow violet. (*V. eriocarpon* (Nutt.) Schwein., *V. glabella* Nutt., misapplied, *V. pensylvanica* Michx., *V. scabriuscula* (Torr. & A. Gray) Schwein.) **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. laetecaerulea* Greene, *V. papilionacea* Pursh, *V. priceana* Pollard, *V. septentrionalis* Greene) **DC, MD, VA.**

**striata** Aiton - creamy violet, striped violet, pale violet. **DC, MD, VA.**

tricolor L. - pansy, johnny-jump-up. **DC** (*L.F. Ward s.n.*, 1882), **MD** (inferred from B&B 1984). Escape.

**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.

P. B. Adams	Adams, P. B.	fl. 1978	Adams
Aellen	Aellen, Paul	1896-1973	
H. E. Ahles	Ahles, Harry E.	1924-1981	Ahles
Aiton	Aiton, William	1731-1793	Ait.
W. T. Aiton	Aiton, William Townsend	1766-1849	Ait. f.
Alexander	Alexander, Edward Johnston	1901-1985	
All.	Allioni, Carlo	1728-1804	
Al-Shehbaz	Al-Shehbaz, Ihsan Ali	1939-	
Andersson	Andersson, Nils Johan	1821-1880	
Andrews	Andrews, Henry Charles	1794-1830	Andr.
E. G. Andrews	Andrews, E. G.		
Andrz.	Andrzejowski, Antoni Lukianowicz	1785-1868	
Arn.	Arnott, George Arnott Walker	1799-1868	Arnott
Arthur	Arthur, Joseph Charles	1850-1942	
Asch.	Ascherson, Ferdinand Moritz	1798-1879	Aschers.
Ashe	Ashe, William Willard	1872-1932	
G. F. Atk.	Atkinson, George Francis	1854-1918	Atkinson
Avé-Lall.	Avé-Lallemant, Julius Léopold Edouard	1803-1867	Lal.
L. H. Bailey	Bailey, Liberty Hyde	1858-1954	Bailey
Baill.	Baillon, Henri Ernest	1827-1895	
Baker	Baker, John Gilbert	1834-1920	
M. S. Baker	Baker, Milo Samuel	1868-1961	
Baldwin	Baldwin, William	1779-1819	Baldw.
P. W. Ball	Ball, Peter William	1932-	
Banks	Banks, Joseph	1743-1820	
Barneby	Barneby, Rupert Charles	1911-	
Barnhart	Barnhart, John Hendley	1871-1949	Barnh.
Barratt	Barratt, Joseph	1796-1882	
Bartal.	Bartalini, Biagio	1746-1822	
Bartlett	Bartlett, Harley Harris	1886-1960	
Barton	Barton, Benjamin Smith	1766-1815	Bart.
W. P. C. Barton	Barton, William Paul Crillon	1786-1856	Bart. , Barton

Bartram	Bartram, John	1699-1777	Bartr.
W. Bartram	Bartram, William	1739-1823	Bartr. , W. Bart.
V. M. Bates	Bates, Vernon M.	fl. 1984	Bates
Batsch	Batsch, August Johann Georg Karl	1761-1802	
Baumg.	Baumgarten, Johann Christian Gottlob	1765-1843	
R. J. Bayer	Bayer, Randall J.	1955-	
Beadle	Beadle, Chauncey Delos	1866-1950	
Bean	Bean, William Jackson	1863-1947	
Bebb	Bebb, Michael Schuck	1833-1895	
Beck	Beck, Günther von Mannagetta und Lärchenau	1856-1931	G. Beck
Bég.	Béguinot, Augusto	1875-1940	
Beitel	Beitel, Joseph M.	1952-1991	
Bellardi	Bellardi, Carlo Antonio Lodovico	1741-1826	
Beloserky	Beloserky, R. N.	?	Bel.
Benj.	Benjamin, Ludwig	1825-1848	
Benth.	Bentham, George	1800-1884	
Berger	Berger, Ernst Friedrich	1814-1853	
Bernh.	Bernhardi, Johann Jakob	1774-1850	
Besser	Besser, Wilibald Swibert Joseph Gottlieb von	1784-1842	Bess.
Beyr.	Beyrich, Heinrich Karl	1796-1834	Bey.
E. P. Bicknell	Bicknell, Eugene Pintard	1859-1925	Bickn.
M. Bieb.	Marschall von Bieberstein, Friedrich August	1768-1826	Bieb.
Biehler	Biehler, Johann Friedrich Theodor	c. 1785-18??	
Bigelow	Bigelow, Jacob	1787-1879	Bigel.
Blake	Blake, Joseph	1814-1888	
S. F. Blake	Blake, Sidney Fay	1892-1959	
Blanch.	Blanchard, William Henry	1850-1922	
Blasdell	Blasdell, Robert Ferris	1929-	
H. L. Blomq.	Blomquist, Hugo Leander	1888-1964	Blomquist, Blomq.
Blume	Blume, Carl (Karl) Ludwig von	1796-1862	
Boiss.	Boissier, Pierre Edmond	1810-1885	
B. Boivin	Boivin, Joseph Robert Bernard	1916-1985	Boivin
Bonpl.	Bonpland, Aimé Jacques Alexandre (né Goujaud, A. J. A.)	1773-1858	B. (in H.&B. -- see Humb.)
Borbás	Borbás, Vinczé (Vincent, Vince) von	1844-1905	
Boreau	Boreau, Alexandre	1803-1875	
Borkh.	Borkhausen, Moritz (Moriz) Balthasar	1760-1806	Borck.
Borrer	Borrer, William J.	1781-1862	
Borss. -Waalk.	Borssum Waalkes, Jan van	1922-1985	Waalkes
Bosc	Bosc, Louis Augustin Guillaume	1759-1828	

Boucher	Boucher de Crèvecoeur, Jules Arman Guillaume	1757-1844	
Brainerd	Brainerd, Ezra	1844-1924	
A. Braun	Braun, Alexander Karl (Carl) Heinrich	1805-1877	
E. L. Braun	Braun, Emma Lucy	1889-1971	
Brenckle	Brenckle, Jacob Frederic(k)	1875-1958	
Britten	Britten, James	1846-1924	
Britton	Britton, Nathaniel Lord	1859-1934	Britt. , B. (in B. S. P. - see Sterns, Poggenb.)
Brongn.	Brongniart, Adolphe Théodore (de)	1801-1876	
Brot.	Brotero, Felix de (Silva) Avellar	1744-1828	
Brouillet	Brouillet, Luc	1954-	
M. Broun	Broun, Maurice	1906-	
Bruijn	De Bruijn (Bruyn), Ary Johannes	1811-1896	De Bruyn
Brummitt	Brummitt, Richard Kenneth	1937-	
B. S. P.	Britton, N. L. , E. E. Sterns and J. F. Poggenburg (see also individual authors)		BSP
Buchenau	Buchenau, Franz Georg Philipp	1831-1906	Buch.
Buckley	Buckley, Samuel Botsford	1809-1884	
Bunge	Bunge, Alexander Andrejewitsch (Aleksandr Andreevic, Aleksandrovic) von	1803-1890	
Burdet	Burdet, Hervé Maurice	1939-	
Bureau	Bureau, Louis Édouard	1830-1918	
E. S. Burgess	Burgess, Edward Sandford	1855-1928	
Burm.	Burman, Johannes	1707-1779	
Burm. f.	Burman, Nicolaas Laurens (Nicolaus Laurent)	1734-1793	
Bush	Bush, Benjamin Franklin	1858-1937	
Cabrera	Cabrera, Angel Lulio	1908-	
Calder	Calder, James (Jim) Alexander	1915-1990	
Cambess.	Cambessèdes, Jacques	1799-1863	Camb.
Camp	Camp, Wendell Holmes	1904-1963	
Canby	Canby, William Marriott	1831-1904	
Carrière	Carrière, Élie Abel	1818-1896	
Carruth.	Carruthers, William	1830-1922	
Cass.	Cassini, Alexandre Henri Gabriel de	1781-1832	
Cav.	Cavanilles, Antonio José (Joseph)	1745-1804	
Cavara	Cavara, Fridiano	1857-1929	
Cham.	Chamisso, Ludolf Karl Adelbert von	1781-1838	
Chapm.	Chapman, Alvan (Alvin) Wentworth	1809-1899	

Chodat	Chodat, Robert Hippolyte	1865-1934	Chod.
Choisy	Choisy, Jacques Denys (Denis)	1799-1859	
C. Chr.	Christensen, Carl Frederick Albert	1872-1942	
Clairv.	Clairville, Joseph Philippe de	1742-1830	
A. R. Clapham	Clapham, Arthur Roy	1904-1990	Clapham
C. B. Clarke	Clarke, Charles Baron	1832-1906	Clarke
R. T. Clausen	Clausen, Robert Theodore	1911-1981	Clausen
Clute	Clute, Willard Nelson	1869-1950	
Collad.	Colladon, Louis Théodore Frederic	1792-1862	
Constance	Constance, Lincoln	1909-	
Cooperr.	Cooperrider, Tom Smith	1927-	
Cory	Cory, Victor Louis	1880-1964	
J. M. Coult.	Coulter, John Merle	1851-1928	
Coville	Coville, Frederick Vernon	1867-1937	
Cranfill	Cranfill, Raimond	fl. 1981	
Crantz	Crantz, Heinrich Johann Nepomuk von	1722-1799	
Crép.	Crépin, Francois	1830-1903	
Cronquist	Cronquist, Arthur John	1919-1992	Cronq.
M. A. Curtis	Curtis, Moses Ashley	1808-1872	
W. Curtis	Curtis, William	1746-1799	Curtis
Czern.	Czernajew, Vassilii Matveievitch	1796-1871	
Dahlst.	Dahlstedt, Gustav Adolf Hugo	1856-1934	
Dandy	Dandy, James Edgar	1903-1976	
Darl.	Darlington, William	1782-1863	
Davenp.	Davenport, George Edward	1833-1907	
DC.	Candolle, Augustin Pyramus de	1778-1841	
A. DC.	Candolle, Alphonse Louis Pierre Pyramus de	1806-1893	
Decne.	Decaisne, Joseph	1807-1882	Dcne.
Desf.	Desfontaines, René Louiche	1750-1833	
N. H. F. Desp.	Desportes, Narcisse Henri François	1776-1856	Desp.
Desr.	Desrousseaux, Louis Auguste Joseph	1753-1838	
Desv.	Desvaux, Nicaise Auguste	1784-1856	
de Vriese	de Vriese, Willem Hendrik	1806-1862	
D. Dietr.	Dietrich, David Nathaniel Friedrich	1799-1888	
Dill.	Dillenius, Johann Jacob	1684-1747	
Dode	Dode, Louis-Albert	1875-1943	
D. Don	Don, David	1799-1841	
G. Don	Don, George	1798-1856	
Douglas	Douglas, David	1798-1834	

Dowell	Dowell, Philip	1864-1936	
Druce	Druce, George Claridge	1850-1932	
Drude	Drude, Carl Georg Oscar	1852-1933	
Dryand.	Dryander, Jonas Carlsson	1748-1810	
Duby	Duby, Jean Étienne	1798-1885	
Duchesne	Duchesne, Antoine Nicolas	1747-1827	
Dufr.	Dufresne, Pierre	1786-1836	
Dum. Cours.	Dumont de Courset, George(s) Louis Marie	1746-1824	Dumont, Dum.
Dumort.	Dumortier, Barthélemy Charles Joseph	1797-1878	Dum.
Dunal	Dunal, Michel Félix	1789-1856	
Durand	Durand, Ernest Armand	1872-1910	Dur.
T. Durand	Durand, Théophile Alexis	1855-1912	
Durazz.	Durazzini, Antonio	fl. 1772	
Du Roi	Du Roi, Johann Philipp	1741-1785	
Dyal	Dyal, Sarah Creecie	1907-	
Eames	Eames, Edwin Hubert	1865-1948	Eames
Eaton	Eaton, Amos	1776-1842	Eat.
A. A. Eaton	Eaton, Alvah Augustus	1865-1908	
D. C. Eaton	Eaton, Daniel Cady	1834-1895	
Eggl.	Eggleston, Willard Webster	1863-1935	
Ehrend.	Ehrendorfer, Friedrich	1927-	
Ehrh.	Ehrhart, Jakob Friedrich	1742-1795	
Elliott	Elliott, Stephen	1771-1830	Ell.
Engelm.	Engelmann, Georg (George)	1809-1884	
Engl.	Engler, Heinrich Gustav Adolf	1844-1930	
Epling	Epling, Carl Clawson	1894-1968	
Farw.	Farwell, Oliver Atkins	1867-1944	
Fassett	Fassett, Norman Carter	1900-1954	
Fee	Fee, Antoine Laurent Apollinaire	1789-1874	
Fenzl	Fenzl, Eduard	1808-1879	
Fernald	Fernald, Merritt Lyndon	1873-1950	Fern.
Fisch.	Fischer, Friedrich Ernst Ludwig von (Fedor Bogdanovic)	1782-1854	
Focke	Focke, Wilhelm Olbers	1834-1922	
Forssk.	Forsskål, Pehr (Peter)	1732-1763	Forsk.
T. F. Forst.	Forster, Thomas Furley	1761-1825	Forster, Forst.
Fosberg	Fosberg, Francis Raymond	1908-1993	
Foug.	Fougeroux de Bondaroy, Auguste Denis	1732-1789	
Fr.	Fries, Elias Magnus	1794-1878	Fries

Franch.	Franchet, Adrien René	1834-1900	
Fritsch	Fritsch, Karl	1864-1934	
Froel.	Froelich, Joseph Aloys von	1766-1841	
H. P. Fuchs	Fuchs, Hans Peter	1928-	
Gaertn.	Gaertner, Joseph	1732-1791	
P. Gaertn.	Gaertner, Philipp Gottfried	1754-1825	Gaertn.
Gandhi	Gandhi, Kancheepuram N.	1948-	
Garcke	Garcke, Christian August Friedrich	1819-1904	
Gaudich.	Gaudichaud-Beaupré, Charles	1789-1854	Gaud.
J. Gay	Gay, Jacques Étienne	1786-1864	Gay
J. L. Gentry	Gentry, Johnnie Lee	1939-	
J. Gerard	Gerard (Gerarde), John	1545-1612	Gerarde
Geyer	Geyer, Carl (Charles) Andreas	1809-1853	
Gilib.	Gilibert, Jean-Emmanuel	1741-1814	
Gillies	Gillies, John	1792-1834	
Gillis	Gillis, William Thomas	1933-1979	
Gleason	Gleason, Henry Allan	1882-1975	
Gloxin	Gloxin, Benjamin Peter	1765-1794	Glox.
C. C. Gmel.	Gmelin, Carl (Karl) Christian	1762-1837	Gmel.
J. F. Gmel.	Gmelin, Johann Friedrich	1748-1804	
S. G. Gmel.	Gmelin, Samuel Gottlieb	1743/45-1774	
R. K. Godfrey	Godfrey, Robert Kenneth	1911-	Godfrey
Godr.	Godron, Dominique Alexandre	1807-1880	
Goldie	Goldie, John	1793-1886	
M. Gómez	Gómez de la Maza y Jiménez, Manuel	1867-1916	G. Maza
Graebn.	Graebner, Karl Otto Robert Peter Paul	1871-1933	
Graham	Graham, Robert C.	1786-1845	
Grande	Grande, Loreto	1878-1965	
Gray	Gray, Samuel Frederick	1766-1828	S. F. Gray
A. Gray	Gray, Asa	1810-1888	Gray; G. (in T. & G. - - see Torr.)
Greene	Greene, Edward Lee	1843-1915	
Greenm.	Greenman, Jesse More	1867-1951	
Greenway	Greenway, Percy James ("Peter")	1897-1980	
Gren.	Grenier, Jean Charles Marie	1808-1875	
Greuter	Greuter, Werner Rodolfo	1938-	
Grimm	Grimm, Johann Friedrich Carl	1737-1821	
Griscom	Griscom, Ludlow	1890-1959	Grisc.
Griseb.	Grisebach, August Heinrich Rudolf	1814-1879	

Guss.	Gussone, Giovanni	1787-1866	
G. E. Haglund	Haglund, Gustaf Emanuel	1900-1955	Hagl.
A. Ham.	Hamilton, Arthur	fl. 1832	
Hand. -Mazz.	Handel-Mazzetti, Heinrich R. E.	1882-1940	Hand. -Maz.
Hara	Hara, Kanesuke	1885-1962	
H. Hara	Hara, Hiroshi	1911-1986	
Hassk.	Hasskarl, Justus Carl	1811-1894	
Haufler	Haufler, Christopher H.	1950-	
Hauke	Hauke, Richard L.	1930-	
Hauskn.	Hausknecht, Heinrich Carl	1838-1903	
Haw.	Haworth, Adrian Hardy	1768-1833	
Hayek	Hayek, August von	1871-1928	
Hayne	Hayne, Friedrich Gottlob	1763-1832	
Hedrick	Hedrick, Ulysses Prentiss	1870-1951	Hedr.
Heldr.	Heldreich, Theodor Heinrich Hermann von	1822-1902	
A. Heller	Heller, Amos Arthur	1867-1944	Heller
Hellq.	Hellquist, C. Barre	1940-	
L. Henry	Henry, Louis	1853-1903	
Hepper	Hepper, Frank Nigel	1929-	
Heynh.	Heynhold, Gustav	1800-1860	
Heywood	Heywood, Vernon Hilton	1927-	
Hickey	Hickey, Ralph James	1950-	
Hill	Hill, John	1716-1775	
A. W. Hill	Hill, Arthur William	1875-1941	
Hitchc.	Hitchcock, Albert Spear	1865-1935	
E. Hitchc.	Hitchcock, Edward	1793-1864	
Hoffm.	Hoffmann, George Franz	1761-1826	
Hoffmanns.	Hoffmannsegg, Johann Centurius von	1766-1849	Hoffm. , Hoffm.
Hogg	Hogg, Thomas	1777-1855	
Hollick	Hollick, Charles Arthur	1857-1933	Holl.
Holub	Holub, Josef Ludwig	1930-1999	
Hook.	Hooker, William Jackson	1785-1865	
Hook. f.	Hooker, Joseph Dalton	1817-1911	
M. Hopkins	Hopkins, Milton	1906-	
Hornem.	Hornemann, Jens Wilken	1770-1841	
Host	Host, Nicolaus Thomas	1761-1834	
House	House, Homer Doliver	1878-1949	
Houtt.	Houttuyn, Maarten (Martin)	1720-1798	

Howell	Howell, Thomas Jefferson	1842-1912	
Huds.	Hudson, William	1730-1793	
Hultén	Hultén, Oskar Eric Gunnar	1894-1981	
Humb.	Humboldt, Friedrich Wilhelm Heinrich Alexander von	1769-1859	H. (in H.& B. -- see Bonpl.)
H. S. Irwin	Irwin, Howard Samuel	1928-	Irwin
Ives	Ives, Joseph Christmas	1828-1868	
B. D. Jacks.	Jackson, Benjamin Daydon	1846-1927	
R. C. Jacks.	Jackson, Raymond Carl	1928-	
Jacq.	Jacquin, Nicolaus (Nicolaas) Joseph von	1727-1817	
Jacques	Jacques, Henri Antoine	1782-1866	
Jefferies	Jefferies, R. L.	fl. 1987	
Jeps.	Jepson, Willis Linn	1867-1946	Jepson
Jess.	Jessen, Karl Friedrich Wilhelm	1821-1889	Jessen
I. M. Johnst.	Johnston, Ivan Murray	1898-1960	Johnst.
M. C. Johnston	Johnston, Marshall Conring	1930-	
A. G. Jones	Jones, Almut Gitter	1923-	
M. E. Jones	Jones, Marcus Eugene	1852-1934	
Jord.	Jordan, Claude Thomas Alexis	1814-1897	Jordan
Juss.	Jussieu, Antoine Laurent de	1748-1836	
A. Juss.	Jussieu, Adrien Henri Laurent de	1797-1853	
Kalm	Kalm, Pehr	1716-1779	
H. Karst.	Karsten, Gustav Karl Wilhelm Hermann	1817-1908	
Kartesz	Kartesz, John T.	fl. 1990	
M. Kato	Kato, Masahiro	1946-	
Kearney	Kearney, Thomas Henry	1874-1956	
Keener	Keener, Carl Samuel	1931-	
R. Keller	Keller, Robert	1854-1939	
Ker Gawl.	Ker Gawler, John Bellenden	1764-1842	Ker
R. M. King	King, Robert Merrill	1930-	
Kit.	Kitabel, Pál (Paul)	1757-1817	K. (in W. & K. -- see Waldst.)
Klotzsch	Klotzsch, Johann Friedrich	1805-1860	
Koch	Koch, Johann Friedrich Wilhelm	1759-1831	
G. Koch	Koch, Georg Friedrich	1809-1874	
K. Koch	Koch, Karl (Carl) Heinrich Emil (Ludwig)	1809-1879	
W. D. J. Koch	Koch, Wilhelm Daniel Joseph	1771-1849	
Koehne	Koehne, Bernhard Adalbert Emil	1848-1918	
Koidz.	Koidzumi, Gen'ichi (Geniti, Gen-Iti)	1883-1953	

Kom.	Komarov, Vladimir Leontjevich (Leontevich)	1869-1945	Komarov
Kotschy	Kotschy, Carl (Karl) Georg Theodor	1813-1866	
Krause	Krause, Johann Wilhelm	1764-1842	
Krock.	Krocker, Anton Johann	1744-1823	
Kudô	Kudô, Yûshun	1887-1932	
Kuhn	Kuhn, Friedrich Adalbert Maximilian ("Max")	1842-1894	
Kunth	Kunth, Karl (Carl) Sigismund	1788-1850	K. (in H.B.K. -- see Bonpl., Humb.)
Kuntze	Kuntze, Carl (Karl) Ernst (Eduard) Otto	1843-1907	
Kunze	Kunze, Gustav	1793-1851	
L.	Linnaeus, Carl	1707-1778	
L. f.	Linnaeus, Carl von	1741-1783	
Lag.	Lagasca y Segura, Mariano	1776-1839	
Lakela	Lakela, Olga Korhoven	1890-1980	
Lam.	Lamarck, Jean Baptiste Antonine Pierre de Monnet de	1744-1829	
Lamb.	Lambert, Aylmer Bourke	1761-1842	
Lange	Lange, Johan Martin Christian	1818-1898	
Latourr.	Latourrette, Marc Antoine Louis Claret de (Fleurieu de)	1729-1793	Lat.
G. Lawson	Lawson, George	1827-1895	
Laxm.	Laxmann, Erich (Erik) G.	1737-1796	
Leavenw.	Leavenworth, Melines Conklin	1796-1862	
Leconte	Leconte, John (Eatton)	1784-1860	Le Conte
Ledeb.	Ledebour, Carl (Karl) Friedrich von	1785-1851	
Legg.	Leggett, William Henry	1816-1882	
Lehm.	Lehmann, Johann Georg Christian	1792-1860	
Lellinger	Lellinger, David Bruce	1937-	
Lemoine	Lemoine, (Pierre Louis) Victor	1823-1911	
Less.	Lessing, Christian Friedrich	1809-1862	
T. Lestib.	Lestiboudois, Thémistocle Gaspard	1797-1876	Lestib. f.
H. Lév.	Léveillé, Augustin Abel Hector	1863-1918	Lévl.
L'Hér.	L'Héritier de Brutelle, Charles Louis	1746-1800	
Lindl.	Lindley, John	1799-1865	
Lindm.	Lindman, Carl Axel Magnus	1856-1928	
Link	Link, Johann Heinrich Friedrich	1767-1851	
F. E. Lloyd	Lloyd, Francis Ernst	1868-1947	Lloyd
Lodd.	Loddiges, Conrad (L.)	1738-1826	
Loefl.	Loefling, Pehr	1729-1756	

Loisel.	Loiseleur-Deslongchamps, Jean Louis August(e)	1774-1849	
Lott	Lott, Henry J.	fl. 1938	
Loudon	Loudon, John Claudius	1783-1843	Loud.
Lour.	Loureiro, Joao de	1717-1791	
A. Löve	Löve, Askell	1916-1994	
D. Löve	Löve, Doris Benta Maria	1918-	
Lunell	Lunell, Joël	1851-1920	
Lyons	Lyons, Israel	1739-1775	
Ma	Ma, Yu Chuan	1916-	
J. F. Macbr.	Macbride, James Francis	1892-1976	Macbr.
Mack.	Mackenzie, Kenneth Kent	1877-1934	
MacMill.	MacMillan, Conway	1867-1929	MacM.
Magnus	Magnus, Paul Wilhelm	1844-1914	
Makino	Makino, Tomitarô	1862-1957	
Marshall	Marshall, Humphrey	1722-1801	Marsh.
Mart.	Martius, Carl (Karl) Friedrich Philipp von	1794-1868	
M. Martens	Martens, Martin	1797-1863	Martens
Math.	Mathias, Mildred Esther	1906-1995	
Matsum.	Matsumura, Jinzô	1856-1928	
Maxim.	Maximowicz, Carl Johann (Ivanovic)	1827-1891	
Maxon	Maxon, William Ralph	1877-1948	
E. M. McClint.	McClintock, Elizabeth May	1912-	
McCoy	McCoy, Frederick	1817-1899	
T. N. McCoy	McCoy, Thomas Nevil	1905-	McCoy
McGregor	McGregor, Ronald Leighton	1919-	
Medik.	Medikus, Friedrich Kasimir	1736-1808	Medic.
Meerb.	Meerburgh, Nicolaas	1734-1814	
Meisn.	Meisner (Meissner), Carl Daniel Friedrich	1800-1874	Meisn. , Meissn.
N. C. Melvin	Melvin, Norman C. III	fl. 1975	
Merr.	Merrill, Elmer Drew	1876-1956	
Mert.	Mertens, Franz Karl (Carl)	1764-1831	
Mett.	Mettenius, Georg Heinrich	1823-1866	
B. Mey.	Meyer, Bernhard	1767-1836	Mey.
C. A. Mey.	Meyer, Carl Anton (Andreevic)	1795-1855	
G. Mey.	Meyer, Georg Friedrich Wilhelm	1782-1856	G. F. W. Mey.
Michx.	Michaux, André	1746-1803	
F. Michx.	Michaux, François André [Michx. f. ]	1770-1855	Michx. f.
Milde	Milde, Carl August Julius	1824-1871	
Mill.	Miller, Philip	1691-1771	P. Mill.

G. S. Mill.	Miller, Gerrit Smith	1869-1956	
Millais	Millais, John Guille	1865-1931	
Millsp.	Millspaugh, Charles Frederick	1854-1923	
Miq.	Miquel, Friedrich Anton Wilhelm	1811-1871	
Moench	Moench, Conrad	1744-1805	
C. Mohr	Mohr, Charles Theodore (Karl Theodor)	1824-1901	
Moldenke	Moldenke, Harold Norman	1909-	
Molina	Molina, Giovanni Ignazio (Juan Ignacio)	1737-1829	
Monnard	Monnard, Jean Pierre	1791-?	Monn.
T. Moore	Moore, Thomas	1821-1887	
Moq.	Moquin-Tandon, Christian Horace Bénédict Alfred	1804-1863	
R. C. Moran	Moran, Robbin C.	fl. 1986	
Moretti	Moretti, Giuseppi L.	1782-1853	
C. V. Morton	Morton, Conrad Vernon	1905-1972	
F. Muell.	Mueller (Müller), Fernand Jacob Heinrich	1825-1896	
Muhl.	Muhlenberg, Gotthilf Heinrich Ernest	1753-1815	
O. F. Müll.	Müller, Otto Friedrich (Friderich, Fridrich, Frederick)	1730-1784	
P. J. Müll.	Müller (Mueller), Philipp Jakob	1832-1889	P. J. Mueller
Münchh.	Münchhausen, Otto von	1716-1774	
Munz	Munz, Philip Alexander	1892-1974	
Murray	Murray, Johan Andreas	1740-1791	Murr.
Mérat.	Mérat de Vaumartoise, François Victor	1780-1851	
Nakai	Nakai, Takenoshin (Takenosin)	1882-1952	
Naudin	Naudin, Charles Victor	1815-1899	Naud.
Nees	Nees von Esenbach, Christian Gottfried Daniel	1776-1858	
J. B. Nelson	Nelson, John B.	f. 1980	J. Nelson
G. L. Nesom	Nesom, Guy L.	1945-	
Newman	Newman, Edward	1801-1876	
Nieuwl.	Nieuwland, Julius (Aloysius Arthur)	1878-1936	
Norton	Norton, John Bitting Smith	1872-1966	
Nutt.	Nuttall, Thomas	1786-1859	
Oeder	Oeder, George Christian Edler von Oldenburg	1728-1791	
Ohwi	Ohwi, Jisaburo	1905-1977	
Olney	Olney, Stephen Thayer	1812-1878	
Opiz	Opiz, Philipp (Filip) Maxmilian	1787-1858	
Ortega	Ortega, Casimiro Gómez	1740-1818	
Othh	Othh, Carl (Karl) Adolph	1803-1839	

Otto	Otto, Christoph Friedrich	1783-1856	
Paine	Paine, John Alsop	1840-1912	
Pall.	Pallas, Peter (Pyotr) Simon von	1741-1811	
W. Palmer	Palmer, William	1856-1921	
Parry	Parry, Charles Christopher	1823-1890	
Pav.	Pavón (y Jiménez), José Antonio	1754-1844	P. (in R. & P. -- see Ruiz)
Paxton	Paxton, Joseph	1803-1865	
Pennell	Pennell, Francis Whittier	1886-1952	
L. M. Perry	Perry, Lily May	1895-1992	Perry
Pers.	Persoon, Christian Hendrik	1761-1836	
Peter	Peter, (Gustav) Albert	1853-1937	
Petr.	Petrak, Franz	1886-1973	
Peyr.	Peyritsch, Johann Joseph	1835-1889	
Philcox	Philcox, David	1926-	
L. R. Phillippe	Phillippe, L. R.	fl. 1989	
Piper	Piper, Charles Vancouver	1867-1926	
Planch.	Planchon, Jules Émile	1823-1888	
Podp.	Podpera, Josef	1878-1954	
Poggenb.	Poggenburg, Justus Ferdinand	1840-1893	P. (in B. S. P. -- see Britton, Sterns)
Poir.	Poiret, Jean Louis Marie	1755-1834	
Polatschek	Polatschek, Adolf	1932-	
Pollard	Pollard, Charles Louis	1872-1945	
Pollich	Pollich, Johann Adam	1740-1780	
Porter	Porter, Thomas Conrad	1822-1901	
Prantl	Prantl, Karl Anton Eugen	1849-1893	
C. Presl	Presl, Carl (Karl, Carel, Carolus) Borivoj (Boríwog, Boriwag)	1794-1852	
J. Presl	Presl, Jan Svatopluk (Swatopluk)	1791-1849	
K. M. Pryer	Pryer, K. M.	fl. 1989	
Pursh	Pursh, Frederick Traugott	1774-1820	
R. Br.	Brown, Robert	1773-1858	
Raeusch.	Raeuschel, Ernst Adolf	fl. 1772-1797	
Raf.	Rafinesque, Constantine Samuel	1783-1840	
Rafn	Rafn, Carl Gottlob	1769-1808	
Raim.	Raimann, Rudolph	1863-1896	
Raunk.	Raunkiaer, Christen Christiansen	1860-1938	
Rauschert	Rauschert, Stephan	1931-1986	
P. H. Raven	Raven, Peter Hamilton	1936-	Raven
J. D. Ray	Ray, James Davis, Jr.	1918-	
Raymond	Raymond, Louis-Florent-Marcel	1915-1972	
Rchb.	Reichenbach, (Heinrich Gottlieb) Ludwig	1793-1879	Reichenb.
C. F. Reed	Reed, Clyde Franklin	1918-1999	Reed
Regel	Regel, Eduard August von	1815-1892	

Rehder	Rehder, Alfred	1863-1949	Rehd.
Reichard	Reichard, Johann Jacob (Jakob)	1743-1782	
Rendle	Rendle, Alfred Barton	1865-1938	
Retz.	Retzius, Anders Johan	1742-1821	
Reut.	Reuter, George François	1805-1872	
Reveal	Reveal, James Lauritz	1941-	
Rich.	Richard, Louis Claude Marie	1754-1821	
Richardson	Richardson, John	1787-1865	Richards.
Riddell	Riddell, John Leonard	1807-1865	
B. L. Rob.	Robinson, Benjamin Lincoln	1864-1935	Robins.
C. B. Rob.	Robinson, Charles Budd	1871-1913	
H. Rob.	Robinson, Harold Ernest	1932-	
J. W. Robbins	Robbins, James Watson	1801-1879	Robbins
N. Robson	Robson, Norman Keith Bonner	1928-	Robson
H. Rock	Rock, Howard Francis Leonard	1925-1964	
Rodr.	Rodríguez, José Demetrio	1780-1846	
Roem.	Roemer, Johann Jakob	1763-1819	R. (in R. & S. -- see Schult.)
M. Roem.	Roemer, Max Joseph	1791-1849	Roem.
Rollins	Rollins, Reed Clark	1911-1998	
Rose	Rose, Joseph Nelson	1862-1928	
Roth	Roth, Albrecht Wilhelm	1757-1834	
Rothm.	Rothmaler, Werner Hugo Paul	1908-1962	
Rottb.	Rottboll (Rottboell), Christen Friis	1727-1797	
Rouleau	Rouleau, (Joseph Albert) Ernest	1916-1991	
Roxb.	Roxburgh, William	1751-1815	
Ruiz	Ruiz López, Hipólito	1754-1815	R. (in R. & P. -- see Pavón)
Rupr.	Ruprecht, Franz Josef (Ivanovich)	1814-1870	
Rusby	Rusby, Henry Hurd	1855-1940	
Rydb.	Rydberg, Per Axel	1860-1931	
Salisb.	Salisbury, Richard Anthony	1761-1829	
Sarg.	Sargent, Charles Sprague	1841-1927	
J. D. Sauer	Sauer, Jonathan Deininger	1918-	Sauer
Savi	Savi, Gaetano	1769-1844	
Savigny	Savigny, Marie Jules César Lélorgne de	1777-1851	
Sch. Bip.	Schultz, Carl (Karl) Heinrich 'Bipontinus'	1805-1867	Schultz-Bip.
Scheele	Scheele, George Heinrich Adolf	1808-1864	
Scherb.	Scherbius, Johannes	1769-1813	
Schindl.	Schindler, Anton Karl	1879-1964	
Schinz	Schinz, Hans	1858-1941	
Schkuhr	Schkuhr, Christian	1741-1811	
Schltl.	Schlechtendal, Diederich Franz Leonhard von	1794-1866	Schlecht.
F. Schmidt	Schmidt, Friedrich (Karl)(Fedor Bogdanovich)	1862-1908	
C. K. Schneid.	Schneider, Camillo Karl	1876-1951	Schneid.
Schoepf	Schoepf, Johann David	1752-1800	

Schönl.	Schönlein, Johann Lucas	1793-1864	
Schott	Schott, Heinrich Wilhelm	1794-1865	
Schrad.	Schrader, Heinrich Adolph	1767-1836	
Schrank	Schrank, Franz von Paula von	1747-1810	
Schreb.	Schreber, Johann Christian Daniel von	1739-1810	
B. G. Schub.	Schubert, Bernice Giduz	1913-	Schub.
Schult.	Schultes, Josef (Joseph) August	1773-1831	S. (in R. & S. -- see Roem.)
O. E. Schulz	Schulz, Otto Eugen	1874-1936	
Schur	Schur, Philipp Johann Ferdinand	1799-1878	
Schwein.	Schweinitz, Lewis (Ludwig) David von	1780-1834	
Scop.	Scopoli, Joannes Antonius (Giovanni Antonio)	1723-1788	
R. R. Scott	Scott, Robert Robinson	1827-1877	
Seem.	Seemann, Berthold Carl	1825-1871	
Selander	Selander, Nils Sten Edvard	1891-1957	
Semple	Semple, John Cameron	1947-	
Sendtn.	Sendtner, Otto	1813-1859	
Ser.	Seringe, Nicolas Charles	1776-1858	
Shafer	Shafer, John Adolph	1863-1918	
Shaver	Shaver, Jesse Milton	1888-1961	
Shinners	Shinners, Lloyd Herbert	1918-1971	
Short	Short, Charles Wilkins	1794-1863	
Shuttlew.	Shuttleworth, Robert James	1810-1874	
Sibth.	Sibthorp, John	1758-1796	
Siebold	Siebold, Philipp Franz (Balthasar) von	1804-1885	Sieb.
Sim	Sim, Thomas Robertson	1856-1938	
Simon-Louis	Simon-Louis, Léon L.	1834-1913	
Sims	Sims, John	1749-1831	
Sleumer	Sleumer, Hermann Otto	1906-1993	
Sm.	Smith, James Edward	1759-1828	
Small	Small, John Kunkel	1869-1938	
Sol.	Solander, Daniel Carl	1733-1782	
Sole	Sole, William	1741-1802	
Spach	Spach, Édouard	1801-1879	
Sprague	Sprague, Thomas Archibald	1877-1958	
Spreng.	Sprengel, Curt (Kurt, Curtius) Polycarp Joachim	1766-1833	
Spring	Spring, Antoine Frédéric	1814-1872	
Standl.	Standley, Paul Carpenter	1884-1963	
Stebbins	Stebbins, George Ledyard	1906-2000	
E. S. Steele	Steele, Edward Strieby	1850-1942	Steele
Steenis	Steenis, Cornelis Gijsbert Gerrit Jan van	1901-1986	van Steenis
Stein	Stein, Berthold	1847-1899	
Sterns	Sterns, Emerson Ellick	1846-1926	S. (in B. S. P. -- see Britton, Poggenb.)
Stead.	Steedel, Ernst Gottlieb von	1783-1856	
Steward	Steward, Albert Newton	1897-1959	

J. St.-Hil.	Saint-Hilaire, Jean Henri Jaume	1772-1845	St. Hil.
Stocks	Stocks, John Ellerton	1822-1854	
Stokes	Stokes, Jonathan S.	1755-1831	
W. Stone	Stone, Witmer	1866-1939	
Stritch	Stritch, L. R.	fl. 1982	
Sturm	Sturm, Jacob (Jakob) W.	1771-1848	
Sudw.	Sudworth, George Bishop	1864-1927	
Suksd.	Suksdorf, Wilhelm Nikolaus	1850-1932	
Sull.	Sullivant, William Starling	1803-1873	Sulliv.
Suter	Suter, Johann Rudolf	1766-1827	
D. A. Sutton	Sutton, David A.	1952-	
Sw.	Swartz, Olof (Peter)	1760-1818	
Sweet	Sweet, Robert	1783-1835	
Swingle	Swingle, Walter Tennyson	1871-1952	
Syme	Syme, John Thomas Irvine Boswell	1822-1888	
Symons	Symons, Jelinger	1778-1851	
Tausch	Tausch, Ignaz Friedrich	1793-1848	
Roy L. Taylor	Taylor, Roy L.	fl. 1995	
Ten.	Tenore, Michele	1780-1861	
Thell.	Thellung, Albert	1881-1928	
Thouars	Thouars, Louis Marie Aubert du Petit	1758-1831	
Thuill.	Thuillier, Jean Louis	1757-1822	
Thunb.	Thunberg, Carl Peter	1743-1828	
Thieret	Thieret, John William	1926-	
Tidestr.	Tidestrom, Ivar (Frederick)	1864-1956	
Tod.	Todaro, Agostino	1818-1892	
Torr.	Torrey, John	1796-1873	T. (in T. & G. -- see A. Gray)
Tratt.	Trattinnick, Leopold	1764-1849	
Trautv.	Trautvetter, Ernst Rudolf von	1809-1889	
Trel.	Trelease, William	1857-1945	
Trevis.	Trevisan de Saint-Léon, Vittore Benedetto Antonio	1818-1897	
Tuck.	Tuckerman, Edward	1817-1886	
Turcz.	Turczaninow, Porphir Kiril Nicolai Stephanowitsch	1796-1863	
Underw.	Underwood, Lucien Marcus	1853-1907	
Vahl	Vahl, Martin (Henrichsen)	1749-1804	
Vail	Vail, Anna Murray	1863-1955	
Van Houtte	Van Houtte, Louis Benoit	1810-1876	
Vaniot	Vaniot, Eugene	-1913	
Vell.	Vellozo, José Mariano da Conceição	1742-1811	Vell. Conc.
Vent.	Ventenat, Étienne Pierre	1757-1808	
Verdc.	Verdcourt, Bernard	1925-	
Vill.	Villars, Dominique	1745-1814	
Vilm.	Vilmorin, (Pierre) Louis (François Lévêque) de	1816-1860	
Viv.	Viviani, Domenico	1772-1840	

W. H. Wagner	Wagner, Warren Herbert	1920-2000	Wagner
Waldst.	Waldstein, Franz de Paula Adam von	1759-1823	W. (in W. & K. -- see Kit.)
Wall.	Wallich, Nathaniel	1786-1854	Wallich
Wallr.	Wallroth, Carl (Karl) Friedrich Wilhelm	1792-1857	
Walp.	Walpers, Wilhelm Gerhard	1816-1853	
Walter	Walter, Thomas	1740-1789	Walt.
Wangenh.	Wangenheim, Friedrich Adam Julius von	1749-1800	
Ward	Ward, Lester Frank	1841-1913	
Warder	Warder, John Aston	1812-1883	
S. Watson	Watson, Sereno	1826-1892	
Watt	Watt, David Allan Poe	1830-1917	
Weath.	Weatherby, Charles Alfred	1875-1949	
Webb	Webb, Philip Barker	1793-1854	
Weber	Weber, George Heinrich	1752-1828	
G. L. Webster	Webster, Grady Linder	1927-	
Wedd.	Weddell, Hugh Algernon	1819-1877	
Wedem.	Wedemeyer	fl. pre1803	
Weihe	Weihe, Carl Ernst August	1779-1834	
Wender.	Wenderoth, Georg Wilhelm Franz	1774-1861	
J. C. Wendl.	Wendland, Johann Christoph	1755-1828	Wendl.
Wettst.	Wettstein, Richard	1863-1931	
L. C. Wheeler	Wheeler, Louis Cutter	1910-1980	Wheeler
Wherry	Wherry, Edgar Theodore	1885-1982	
Wibel	Wibel, August Wilhelm Eberhard Christoph	1775-1814	
Widder	Widder, Felix Joseph	1892-1974	
Wiegand	Wiegand, Karl McKay	1873-1942	Wieg.
Wiersema	Wiersema, John H.	1950-	
F. H. Wigg.	Wiggers, Friedrich Heinrich (Friedrich Hindrich)	1746-1811	Wiggers
Wight	Wight, Robert	1796-1872	
W. Wight	Wight, William Franklin	1874-1954	
Willd.	Willdenow, Carl Ludwig von	1765-1812	
Windham	Windham, Michael D.	1954-	
With.	Withering, William	1741-1799	
W. Wolf	Wolf, Wolfgang	1875-1950	
S. L. Wolff	Wolff, S. L.	fl. 1987	Wolff
Wood	Wood, William	1745-1808	
A. W. Wood	Wood, Alphonso W.	1810-1881	
Woodson	Woodson, Robert Everard	1904-1963	Woods.
Woodv.	Woodville, William	1752-1805	
Woyn.	Woynar, Heinrich Karl	1865-1917	
Yunck.	Yuncker, Truman George	1891-1964	
Zabel	Zabel, Hermann	1832-1912	
Ziz	Ziz, Johann Baptist	1779-1829	
Zucc.	Zuccarini, Joseph Gerhard	1797-1848	

**Primary Sources (PS), Principal References (PR),  
and Other Literature Cited**

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.

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