

HFS 2016-02 pollen ref slides

| family | genus.species | slide.id | treatment | location | contributor | date | box |
|---------------|---------------------|--------------|-----------------------------------|--|---------------------|-----------|-----|
| Aceraceae | Acer campestre | P121 | 10% KOH, acet., .01 Saf., Corylus | Amherst, Hampshire County, MA | W. A. Patterson III | 5/1979 | 1 |
| Aceraceae | Acer negundo | DG CCR-10 | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer negundo | DCG CCR-10 | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer negundo | P-25 | KOH, acet., .01 Saf., Corylus | Washington County, MN | W. A. Patterson III | NA | 1 |
| Aceraceae | Acer negundo | P25 | KOH, acet., saf., Corylus | Marine on St. Croix, Washington County, MN | W. A. Patterson III | 5/1975 | 1 |
| Aceraceae | Acer palmatum | HDG Bru #234 | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer palmatum | DG Bru #234 | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer pensylvanicum | P90 | 10% KOH, acet., .01 Saf., Corylus | Pelham, Franklin County, MA | W. A. Patterson III | 1979 | 1 |
| Aceraceae | Acer platanoides | NA | NA | Providence, RI | T. Allison | 4/14/1980 | 1 |
| Aceraceae | Acer psuedoplatanus | NA | NA | Providence, RI | T. Allison | 5/6/1980 | 1 |
| Aceraceae | Acer rubrum | DCG | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer rubrum | DCG2 | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer rubrum | NA | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer rubrum | P73 | KOH, acet., safr., Coylus | Franklin County, MA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer saccharinum | DCG | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer saccharinum | DCG-2 | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer saccharinum | NA | 10% KOH, acet., .01 Saf., Corylus | Marine on St. Croix, Washington County, MN | W. A. Patterson III | 1975 | 1 |
| Aceraceae | Acer saccharinum | P26 | KOH, acet., safr., Coylus | Washington County, MN | W. A. Patterson III | NA | 1 |
| Aceraceae | Acer saccharinum | P26 | KOH, acet., safr., Coylus | Washington County, MN | W. A. Patterson III | NA | 1 |
| Aceraceae | Acer saccharum | DG Bru #117 | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer saccharum | DCG | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer saccharum | NA | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer saccharum | DG Bru #117 | NA | NA | D. Gaudreau | NA | 1 |
| Aceraceae | Acer saccharum | P10 | KOH, acet., safr., Coylus | NA | W. A. Patterson III | NA | 1 |
| Aceraceae | Acer spicatum | P325 | 10% KOH, acet., .01 Saf., Corylus | Mt. Desert Island, Hancock County, ME | W. A. Patterson III | NA | 1 |
| Anacardiaceae | Rhus ovata | NA | NA | Tuscon, AZ | T. Allison | NA | 1 |
| Annonaceae | Xylopi frutescens | 3791 | NA | NA | D. Gaudreau | NA | 1 |
| Annonaceae | Xylopi frutescens | NA | NA | NA | D. Gaudreau | NA | 1 |

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| Apiaceae | Cryptotaenia canadensis | P43 | 10% KOH, acet., .01 Saf., Corylus | Marine on St. Croix, Washington County, MN | W. A. Patterson III | NA | 1 |
| Apocynaceae | Apocynum androseamifolium | DCG Bru #18 | NA | NA | D. Gaudreau | NA | 1 |
| Aquifoliaceae | Ilex opca | HDG Bru #363 | sparse | NA | D. Gaudreau | NA | 1 |
| Aquifoliaceae | Ilex verticillata | P-465 | KOH, acet., saf., Corylus | Barnstable County, MA | W. A. Patterson III | NA | 1 |
| Araceae | Symplocarpus foetidus | DG BRU #230 | sparse | NA | D. Gaudreau | NA | 1 |
| Araceae | Symplocarpus foetidus | DG Bru #230 | dense | NA | D. Gaudreau | NA | 1 |
| Araceae | Symplocarpus foetidus | HDG Bru #230 | NA | NA | D. Gaudreau | NA | 1 |
| Araliaceae | Aralia nudicaulis | WAP473 | KOH, acet, SAF, sil., prep 1/82, slide 9/99 | NA | W. A. Patterson III | NA | 1 |
| Araliaceae | Aralia nudicaulis | WAP473 | KOH, acet, SAF, sil., prep 1/82, slide 9/99 | NA | W. A. Patterson III | NA | 1 |
| Asteraceae | Achillea millifolium | DCG BRU #16 | NA | NA | D. Gaudreau | NA | 1 |
| Asteraceae | Achillea millifolium | HDG BRU #16 | NA | NA | D. Gaudreau | NA | 1 |
| Asteraceae | Ambrosia artimesifolia | DCG Bru #7 | NA | NA | D. Gaudreau | NA | 1 |
| Asteraceae | Artemisia stellerianna | NA | NA | Block Island, RI | T. Allison | 6/20/1980 | 1 |
| Asteraceae | Artemisia vulgaris | NA | NA | NA | T. Allison | NA | 1 |
| Asteraceae | Aster macrophyllus | DCG Bru # 107 | NA | NA | D. Gaudreau | NA | 1 |
| Asteraceae | Centaurea maculata | DG Bru #226 | NA | NA | D. Gaudreau | NA | 1 |
| Asteraceae | Centaurea maculata | HDG Bru #226 | NA | NA | D. Gaudreau | NA | 1 |
| Asteraceae | Chicorium intybus | P-210 | KOH, acet., saf., Corylus | VT | W. A. Patterson III | NA | 1 |
| Asteraceae | Chrysanthemum leucanthemum | DG Bru #122 | NA | NA | D. Gaudreau | NA | 1 |
| Asteraceae | Erigeron annuus | DG Bru #257 | heat | NA | D. Gaudreau | NA | 1 |
| Asteraceae | Erigeron annuus | DG Bru #257 | NA | NA | D. Gaudreau | NA | 1 |
| Asteraceae | Erigeron philadelphicus | DCG Bru #127 | NA | NA | D. Gaudreau | NA | 1 |
| Asteraceae | Eupatorium maculatum | NA | NA | Atwood, MI | T. Allison | 8/11/1971 | 1 |
| Asteraceae | Liatris cylindraceae | NA | NA | Port Crescent, MI | T. Allison | 8/13/1971 | 1 |
| Asteraceae | Solidago graminifolia | NA | NA | Atwood, MI | T. Allison | 8/11/1971 | 1 |
| Asteraceae | Taraxacum officinale | DCG Bru #115 | NA | NA | D. Gaudreau | NA | 1 |
| Asteraceae | Taraxacum officinale | HDCG Bru #115 | NA | NA | D. Gaudreau | NA | 1 |
| Asteraceae | Xanthium chinensis | P-491 | ACETOL, KOH, safr., Corylus | Shutesbury, Franklin County, MA | W. A. Patterson III | NA | 1 |
| Asteraceae | Xanthium saccharatum | NA | NA | NA | T. Allison | NA | 1 |
| Ariceniaceae | Aricennia germanis | 3031 | NA | NA | D. Gaudreau | NA | 1 |
| Balsaminaceae | Impatiens capensis | NA | NA | Gagetown, MI | T. Allison | 8/13/1971 | 1 |
| Berberidaceae | Mahonia repens | DCG | NA | NA | D. Gaudreau | NA | 1 |
| Betulaceae | Alnus crispa | P-358 | KOH, acet., .01 Saf., Corylus | Seward Peninsula, AK | D. Gaudreau | NA | 1 |

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| Betulaceae | <i>Alnus rugosa</i> | P-58 | KOH, acetol, safranin, Corylus added | NA | W. A. Patterson III | NA | 1 |
| Betulaceae | <i>Alnus tenuifolia</i> | DCG | NA | NA | D. Gaudreau | NA | 1 |
| Betulaceae | <i>Betula alea</i> | DCG Bru #108 | NA | NA | D. Gaudreau | NA | 1 |
| Betulaceae | <i>Betula nigra</i> | DCG Bru #3 | NA | NA | D. Gaudreau | NA | 1 |
| Betulaceae | <i>Betula nigra</i> | Bru #3 | NA | NA | D. Gaudreau | NA | 1 |
| Betulaceae | <i>Betula occidentalis</i> | DG CCR-8 | NA | NA | D. Gaudreau | NA | 1 |
| Betulaceae | <i>Betula papyrifera</i> | DG CCR-13 | NA | NA | D. Gaudreau | NA | 1 |
| Betulaceae | <i>Betula pumila</i> | DCG | NA | NA | D. Gaudreau | NA | 1 |
| Betulaceae | <i>Carpinus caroliniana</i> | P-76 | KOH, acet., saf., Corylus | Washington County, MN | W. A. Patterson III | NA | 1 |
| Betulaceae | <i>Carpinus caroliniana</i> | NA | NA | Seekonk, MA | T. Allison | 4/20/1980 | 1 |
| Betulaceae | <i>Carpinus ostrya</i> | NA | NA | Ann Arbor, MI | T. Allison | 4/25/1971 | 1 |
| Betulaceae | <i>Corylus</i> | DCG Bru #5 | NA | NA | D. Gaudreau | NA | 1 |
| Betulaceae | <i>Corylus</i> | HDCG Bru #5 | NA | NA | D. Gaudreau | NA | 1 |
| Betulaceae | <i>Ostrya virginiana</i> | P39 | KOH, acet., saf., Corylus | Washington County, MN | W. A. Patterson III | NA | 1 |
| Bignoniaceae | <i>Catalpa speciosa</i> | DCG | NA | NA | D. Gaudreau | NA | 1 |
| Brassicaceae | <i>Capsella bursa-pastoris</i> | DG Bru #238 | NA | NA | D. Gaudreau | NA | 1 |
| Brassicaceae | <i>Capsella bursa-pastoris</i> | Bru #238 | NA | NA | D. Gaudreau | NA | 1 |
| Campanulaceae | <i>Campanula ranunculoides</i> | NA | NA | Providence, RI | T. Allison | 7/17/1975 | 1 |
| Caprifoliaceae | <i>Lonicera tartarica</i> | DCG Bru #247 | NA | NA | D. Gaudreau | NA | 1 |
| Caprifoliaceae | <i>Sambucus</i> | NA | NA | NA | T. Allison | NA | 1 |
| Caprifoliaceae | <i>Sambucus pubens</i> | DCG | NA | NA | D. Gaudreau | NA | 1 |
| Caprifoliaceae | <i>Viburnum acerifolium</i> | DCG Bru #14 | NA | NA | D. Gaudreau | NA | 2 |
| Caprifoliaceae | <i>Viburnum acerifolium</i> | H DCG Bru #14 | NA | NA | D. Gaudreau | NA | 1 |
| Caprifoliaceae | <i>Viburnum alnifolium</i> | HDG Bru #258 | NA | NA | D. Gaudreau | NA | 2 |
| Caprifoliaceae | <i>Viburnum dentatum</i> | NA | NA | Block Island, RI | T. Allison | 6/16/1980 | 2 |
| Caprifoliaceae | <i>Viburnum lantana</i> | Bru #237 | NA | NA | D. Gaudreau | NA | 2 |
| Caprifoliaceae | <i>Viburnum lantana</i> | DG Bru #237 | NA | NA | D. Gaudreau | NA | 2 |
| Caprifoliaceae | <i>Viburnum lantana</i> | DG Bru #237 | NA | NA | D. Gaudreau | NA | 2 |
| Caprifoliaceae | <i>Viburnum prunifolium</i> | DCG Bru #144 | NA | NA | D. Gaudreau | NA | 2 |
| Caryophyllaceae | <i>Stellaria media</i> | WAP430 | KOH, Corylus, acet, SAF, prep 9/81, slide 9/99 | Washington County, MN | W. A. Patterson III | NA | 2 |
| Caryophyllaceae | <i>Stellaria media</i> | WAP-430 | KOH, Corylus, acet, SAF, sil., prep 9/81, slide 9/99 | Washington County, MN | W. A. Patterson III | NA | 2 |
| Chenopodiaceae | <i>Chenopodium album</i> | Bru #15 | NA | NA | D. Gaudreau | NA | 2 |
| Chenopodiaceae | <i>Chenopodium album</i> | DCG Bru #15 | NA | NA | D. Gaudreau | NA | 2 |
| Cistaceae | <i>Hudsonia ericoides</i> | WAP131 | KOH, acet., SAF, Corylus, prep 6/79, slide 9/99 | NA | W. A. Patterson III | NA | 2 |
| Cistaceae | <i>Hudsonia tomentosa</i> | WAP-508 | 10 % KOH, acet., SAF, Corylus, prep 6/79, slide 9/99 | NA | W. A. Patterson III | NA | 2 |
| Cistaceae | <i>Hudsonia tomentosa</i> | WAP461 | KOH, acet., SAF, Corylus, prep 11/81, slide 9/99 | NA | W. A. Patterson III | NA | 2 |
| Cletheraceae | <i>Clethra alnifolia</i> | NA | NA | Acadia, RI | T. Allison | 7/27/1975 | 2 |

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| Clusiaceae | Hypericum punctatum | NA | NA | Cranston, RI | T. Allison | 7/20/1975 | 2 |
| Combretaceae | Bucida buceras | 3460 | NA | NA | D. Gaudreau | NA | 2 |
| Combretaceae | Laguncularia racemosa | 3043 | NA | NA | D. Gaudreau | NA | 2 |
| Commelinaceae | Tradescantia subaspera | HDG Bru #249 | NA | NA | D. Gaudreau | NA | 2 |
| Commelinaceae | Tradescantia subaspera | DG Bru #249 | good | NA | D. Gaudreau | NA | 2 |
| Cornaceae | Cornus florida | DCG Bru #111 | NA | NA | D. Gaudreau | NA | 2 |
| Cornaceae | Cornus florida | NA | NA | Providence, RI | T. Allison | 5/1975 | 2 |
| Cornaceae | Cornus mas | DCG Bru #22 | sparse | NA | D. Gaudreau | NA | 2 |
| Cornaceae | Cornus mas | HDCG Bru # 222 | sparse | NA | D. Gaudreau | NA | 2 |
| Cornaceae | Cornus racemosa | NA | NA | Ann Arbor, MI | T. Allison | 6/20/1971 | 2 |
| Cornaceae | Cornus stolonifera | D3 | NA | Jackson County, MI | T. Allison | 6/8/1971 | 2 |
| Cupressaceae | Juniperus MISSING | P52 | NA | NA | W. A. Patterson III | NA | 2 |
| Cupressaceae | Juniperus virginiana | NA | 10% KOH, acet., .01 Saf., Corylus | Amherst, Hampshire County, MA | W. A. Patterson III | 1979 | 2 |
| Cupressaceae | Thuja occidentalis | NA | 10% KOH, acet., .01 Saf., Corylus | Amherst, Hampshire County, MA | W. A. Patterson III | 1979 | 2 |
| Cyperaceae | Bulbostylis paradoxa | 3585 | NA | NA | D. Gaudreau | NA | 2 |
| Cyperaceae | Carex pensylvanica | DCG Bru #124 | NA | NA | D. Gaudreau | NA | 2 |
| Cyperaceae | Carex pensylvanica | HDG Bru #124 | NA | NA | D. Gaudreau | NA | 2 |
| Cyperaceae | Carex pensylvanica | DG Bru #124 | NA | NA | D. Gaudreau | NA | 2 |
| Dilleniaceae | Davilla kunthii | 3792 | NA | NA | D. Gaudreau | NA | 2 |
| Ebenaceae | Diospyros virginiana | 1579 | Parshall Process Method | Rawlinson, PA | J. Galen, D. MacDonald | 1882; 2001 | 2 |
| Ephedraceae | Ephedra torreyana | NA | NA | NA | D. Gaudreau | NA | 2 |
| Equisetaceae | Equisetum sylvaticum | NA | NA | Wolcott, VT | T. Allison | 10/6/1980 | 5 |
| Ericaceae | Arctostaphylos | NA | NA | NA | T. Allison | 7/8/1980 | 2 |
| Ericaceae | Chamaedaphne calyculata | NA | NA | Worden Bog, RI | T. Allison | 5/8/1975 | 2 |
| Ericaceae | Rhododendron canadense | DG Bru #245 | NA | NA | D. Gaudreau | NA | 2 |
| Ericaceae | Rhododendron maximum | HDG Bru #260 | NA | NA | D. Gaudreau | NA | 2 |
| Ericaceae | Vaccinium corymbosum | HDG Bru #368 | NA | NA | D. Gaudreau | NA | 2 |
| Euphorbiaceae | Acalypha diversifolia | 3049 | NA | NA | D. Gaudreau | NA | 2 |
| Fabaceae | Cercis canadensis | DG Bru #236 | NA | NA | D. Gaudreau | NA | 2 |
| Fabaceae | Cercis canadensis | Bru #236 | NA | NA | D. Gaudreau | NA | 2 |
| Fabaceae | Coronilla varia | HDG Bru #374 | sparse | NA | D. Gaudreau | NA | 2 |
| Fabaceae | Genista tinctoria | HDG Bru #375 | sparse | NA | D. Gaudreau | NA | 2 |
| Fabaceae | Gleditsia tricanthos | DG Bru #250 | NA | NA | D. Gaudreau | NA | 2 |
| Fabaceae | Gleditsia tricanthos | Bru #250 | NA | NA | D. Gaudreau | NA | 2 |
| Fabaceae | Inga punctata | 3785 | NA | NA | D. Gaudreau | NA | 2 |
| Fabaceae | Inga punctata | NA | NA | NA | D. Gaudreau | NA | 2 |
| Fabaceae | Lathyrus japonica | NA | NA | Block Island, RI | T. Allison | 6/19/1980 | 2 |
| Fabaceae | Lathyrus latifolius | HDG Bru #376 | NA | NA | D. Gaudreau | NA | 2 |
| Fabaceae | Lysiloma demostachys | 3787 | NA | NA | D. Gaudreau | NA | 2 |

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| Fabaceae | Medicago sativa | NA | NA | Ann Arbor, MI | T. Allison | 6/15/1971 | 2 |
| Fabaceae | Medicago sativa | NA | NA | Providence, RI | T. Allison | 7/28/1975 | 2 |
| Fabaceae | Melotius officianalis | D1 | NA | Jackson County, MI | D. Gaudreau | 8/6/1971 | 2 |
| Fabaceae | Trifolium pratense | HDG Bru #227 | NA | NA | D. Gaudreau | NA | 2 |
| Fabaceae | Trifolium pratense | DG Bru #227 | NA | NA | D. Gaudreau | NA | 2 |
| Fabaceae | Vicia villosa | Bru #125 | NA | NA | D. Gaudreau | NA | 2 |
| Fagaceae | Castanea | NA | NA | Carr Pond, RI | T. Allison | 7/9/1980 | 2 |
| Fagaceae | Castanea dentata | P.138 | KOH, acet., saf., Corylus | Franklin County, MA | W. A. Patterson III | NA | 2 |
| Fagaceae | Fagus grandifolia | P79 | 10% KOH, acet., .01 Saf., Corylus | Amherst, Hampshire County, MA | W. A. Patterson III | NA | 2 |
| Fagaceae | Fagus grandifolia | P79 | 10% KOH, acet., .01 Saf., Corylus | Amherst, Hampshire County, MA | W. A. Patterson III | NA | 2 |
| Fagaceae | Fagus grandifolia | P79 | 10% KOH, acet., .01 Saf., Corylus | Hampshire County, MN | W. A. Patterson III | NA | 2 |
| Fagaceae | Quercus alba | DCG Bru #10 | NA | NA | D. Gaudreau | NA | 2 |
| Fagaceae | Quercus alba | DG Bru #241 | NA | NA | D. Gaudreau | NA | 2 |
| Fagaceae | Quercus alba | Bru #241 | NA | NA | D. Gaudreau | NA | 2 |
| Fagaceae | Quercus borealis | DG Bru #235 | NA | NA | D. Gaudreau | NA | 2 |
| Fagaceae | Quercus borealis | NA | NA | Providence, RI | T. Allison | 5/2/1980 | 2 |
| Fagaceae | Quercus borealis | NA | NA | Providence, RI | T. Allison | 4/29/1973 | 2 |
| Fagaceae | Quercus gambellii | NA | NA | NA | T. Allison | NA | 2 |
| Fagaceae | Quercus oleoides | 3799 | NA | NA | D. Gaudreau | NA | 2 |
| Geraniaceae | Geranium maculatum | DCG Bru #118 | NA | NA | D. Gaudreau | NA | 2 |
| Geraniaceae | Geranium viscosissimum | NA | NA | Pryor Mountains, Montana | T. Allison | NA | 2 |
| Grossulariaceae | Ribes cynosbati | NA | bad | NA | D. Gaudreau | NA | 2 |
| Hamamelidaceae | Hamamelis vernalis | HDG Bru #220 | NA | NA | D. Gaudreau | NA | 2 |
| Hamamelidaceae | Hamamelis vernalis | DG Bru #220 | NA | NA | D. Gaudreau | NA | 2 |
| Hamamelidaceae | Hamamelis vernalis | DG Bru #220 | NA | NA | D. Gaudreau | NA | 2 |
| Hippocastanaceae | Aesculus hippocastanum | DG Bru #224 | NA | NA | D. Gaudreau | NA | 2 |
| Hippocastanaceae | Aesculus hippocastanum | DCG | NA | NA | D. Gaudreau | NA | 2 |
| Hydrangeaceae | Philadelphus pubescens | NA | NA | Lamont Doherty, NY | T. Allison | 6/4/1975 | 3 |
| Juglandaceae | Carya glabra | DCG Bru #109 | NA | NA | D. Gaudreau | NA | 3 |
| Juglandaceae | Carya ovata | DCG Bru # 6 | NA | NA | D. Gaudreau | NA | 3 |
| Juglandaceae | Carya ovata | NA | NA | Providence, RI | T. Allison | 5/23/1975 | 3 |
| Juglandaceae | Juglans cinerea | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Juglandaceae | Juglans nigra | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Juncaceae | Juncus gerardii | NA | NA | Block Island, RI | T. Allison | 6/1980 | 3 |
| Lamiaceae | Leonurus cardiaca | HDG Bru #372 | sparse | NA | D. Gaudreau | NA | 3 |

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| Lamiaceae | Prunella vulgaris | Bru #126 | NA | NA | D. Gaudreau | NA | 3 |
| Lamiaceae | Prunella vulgaris | DG Bru #126 | NA | NA | D. Gaudreau | NA | 3 |
| Liliaceae | Trillium grandiflorum | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Liliaceae | Trillium grandiflorum | DCG2 | NA | NA | D. Gaudreau | NA | 3 |
| Iridaceae | Gladeolus | # DG Bru #254 | NA | NA | D. Gaudreau | NA | 3 |
| Iridaceae | Iris | Bru #248 | NA | NA | D. Gaudreau | NA | 3 |
| Iridaceae | Iris | DG Bru #248 | NA | NA | D. Gaudreau | NA | 3 |
| Lythraceae | Decodon verticillatus | NA | NA | Cape Cod, MA | D. Gaudreau | NA | 3 |
| Lythraceae | Leucocrinum montanum | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Lythraceae | Lythrum salicaria | D2 | NA | MI | D. Gaudreau | 8/12/1971 | 3 |
| Magnoliaceae | Liriodendron tulipifera | DG Bru #252 | NA | NA | D. Gaudreau | NA | 3 |
| Magnoliaceae | Liriodendron tulipifera | DG Bru #252 | heat | NA | D. Gaudreau | NA | 3 |
| Magnoliaceae | Magnolia tripetala | NA | NA | NA | D. Gaudreau | NA | 3 |
| Malpighiaceae | Heteropterys laurifolia | 3798 | NA | NA | D. Gaudreau | NA | 3 |
| Malvaceae | Malvaviscus arboreus | 3775 | NA | NA | D. Gaudreau | NA | 3 |
| Melastomaceae | Mouriri parvifolia | 3783 | NA | NA | D. Gaudreau | NA | 3 |
| Meliaceae | Gaurea excelsa | 3065 | NA | NA | D. Gaudreau | NA | 3 |
| Meliaceae | Gaurea excelsa | NA | NA | NA | D. Gaudreau | NA | 3 |
| Clethraceae | Clethra alnifolia | NA | NA | Titicut Swamp, MA | T. Allison | NA | 2 |
| Moraceae | Dorstenia sp. | 3070 | NA | NA | D. Gaudreau | NA | 3 |
| Moraceae | Dorstenia sp. | NA | NA | NA | D. Gaudreau | NA | 3 |
| Moraceae | Morus rubra | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Myricaceae | Comptonia peregrina | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Myricaceae | Myrica gale | HDG Bru #261 | NA | NA | D. Gaudreau | NA | 3 |
| Myricaceae | Myrica gale | NA | NA | Wolcott, VT | T. Allison | 10/5/1980 | 3 |
| Myrtaceae | Pimenta dioica | 3781 | NA | NA | D. Gaudreau | NA | 3 |
| Myrtaceae | Psidium guajava | 3782 | NA | NA | D. Gaudreau | NA | 3 |
| Nymphaeaceae | Nuphar variegata | DCG Bru #113 | NA | NA | D. Gaudreau | NA | 3 |
| Nymphaeaceae | Nymphaea odorata | HDG Bru #112 | NA | NA | D. Gaudreau | NA | 3 |
| Nymphaeaceae | Nymphaea odorata | DCG Bru #112 | NA | NA | D. Gaudreau | NA | 3 |
| Nymphaeaceae | Nymphaea odorata | HF Herbarium No 111 | ? | Winchester | ? | ? | 3 |
| Nyssaceae | Nyssa sylvatica | NA | NA | Nantucket, MA | T. Allison | 6/29/1980 | 3 |
| Oleaceae | Forsythia suspensa | HDG Bru #224 | NA | NA | D. Gaudreau | NA | 3 |
| Oleaceae | Forsythia suspensa | Bru #225 | NA | NA | D. Gaudreau | NA | 3 |
| Oleaceae | Fraxinus americana | P480 | KOH, acetol, safranin, Corylus added | Jamaica Plain, MA | W. A. Patterson III | NA | 3 |
| Oleaceae | Fraxinus pensylvanica | P12 | KOH, acetol, safranin, Corylus added | Washington County, MN | W. A. Patterson III | NA | 3 |
| Oleaceae | Ligustrum vulgare | Bru #257 | NA | NA | D. Gaudreau | NA | 3 |
| Oleaceae | Syringa vulgaris | DG Bru #239 | NA | NA | D. Gaudreau | NA | 3 |
| Oleaceae | Syringa vulgaris | HDG Bru #239 | NA | NA | D. Gaudreau | NA | 3 |
| Onagraceae | Oenothera claviformia | 3589 | NA | NA | D. Gaudreau | NA | 3 |
| Osmundaceae | Osmunda cinnamomea | HDG Bru #255 | NA | NA | D. Gaudreau | NA | ? |

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|---------------|------------------------|---------------------|-----------------------------------|----------------------------------|---------------------|-----------|-----|
| Osmundaceae | Osmunda claytoniana | HF Herbarium No 261 | ? | ref. pollen | ? | ? | ? |
| Papaveraceae | Sanguinaria canadensis | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Abies balsamea | P89 | 10% KOH, acet., .01 Saf., Corylus | Barnstable County, MA | W. A. Patterson III | 1979 | 3 |
| Pinaceae | Abies concolor | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Abies concolor | NA | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Picea mariana | P524 | KOH, acet., .01 Saf., Corylyus | Tinkham Bog Road Springfield, MA | T. Zebryk | 3/1989 | 3 |
| Pinaceae | Picea pungens | DCGCCR-24 | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Pinus contorta | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Pinus flexilis | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Pinus ponderosa | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Pinus resinosa | H Bru #365 | sparse | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Pinus resinosa | HDG Bru #365 | sparse | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Pinus resinosa | HDGG Bru #2 | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Pinus resinosa | Bru#2 | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Pinus rigida | P117 | 10% KOH, acet., .01 Saf., Corylus | Barnstable County, MA | W. A. Patterson III | NA | 3 |
| Pinaceae | Pinus rigida | P117 | 10% KOH, acet., .01 Saf., Corylus | Barnstable County, MA | W. A. Patterson III | NA | 3 |
| Pinaceae | Pinus strobus | DG Bru #1 | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Pinus strobus | NA | NA | Iona County, MI | T. Allison | 6/8/1971 | 3 |
| Pinaceae | Pinus virginiana | NA | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Pseudotsuga | NA | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Pseudotsuga menziesii | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Pinaceae | Tsuga canadensis | HDG Bru #373 | NA | NA | D. Gaudreau | NA | 3 |
| Plataginaceae | Plantago lanceolata | NA | NA | NA | D. Gaudreau | NA | 3 |
| Plataginaceae | Plantago lanceolata | P148 | KOH, acet., saf., Corylus | Franklin County, MA | W. A. Patterson III | NA | 3 |
| Platanaceae | Platanus | DCG Bru #12 | NA | NA | D. Gaudreau | NA | 3 |
| Platanaceae | Platanus | Bru #12 | NA | NA | D. Gaudreau | NA | 3 |
| Platanaceae | Platanus occidentalis | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Platanaceae | Platanus occidentalis | DCG | NA | NA | D. Gaudreau | NA | 3 |
| Platanaceae | Platanus occidentalis | DGG CCR-14 | NA | NA | D. Gaudreau | NA | 3 |
| Poaceae | Agropyron repens | DCG Bru #17 | NA | NA | D. Gaudreau | NA | 4 |
| Poaceae | Andropogon scoparius | HDG Bru #106 | NA | NA | D. Gaudreau | NA | 4 |
| Poaceae | Andropogon scoparius | DCG Bru # 106 | NA | NA | D. Gaudreau | NA | 4 |
| Poaceae | Dactylis glomerata | DCG Bru #119 | NA | NA | D. Gaudreau | NA | 4 |
| Poaceae | Spartina alterniflora | HDG Bru #369 | sparse | NA | D. Gaudreau | NA | 4 |
| Poaceae | Zea mays | NA | NA | NA | D. Gaudreau | NA | 4 |
| Poaceae | Zea mays | P16 | NA | NA | W. A. Patterson III | NA | 4 |
| Polemoniaceae | Phlox divaricata | NA | NA | KS | T. Allison | 5/15/1971 | 4 |
| Polemoniaceae | Polemonium reptans | DCG Bru #121 | NA | NA | D. Gaudreau | NA | 4 |

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| Polygonaceae | Polygonum bistorta | P205 | 10% KOH, acet., .01 Saf., Corylus | Salmon Lake (area) Seward Peninsula, AK | W. A. Patterson III | 1979 | 4 |
| Polygonaceae | Polygonum bistortoides | NA | Poor, only a few grains | Pryor Mountains, Montana | D. Gaudreau | NA | 4 |
| Polygonaceae | Rumex acetosella | HDG Bru #364 | NA | NA | D. Gaudreau | NA | 4 |
| Polygonaceae | Rumex acetosella | HDG Bru #116 | NA | NA | D. Gaudreau | NA | 4 |
| Polygonaceae | Rumex acetosella | DG Bru #116 | NA | NA | D. Gaudreau | NA | 4 |
| Polygonaceae | Rumex acetosella | P.119 | KOH, acet., saf., Corylus | Franklin County, MA | W. A. Patterson III | NA | 4 |
| Polygonaceae | Rumex articus | P375 | KOH, acet., saf., Corylus | Seward Peninsula, AK | W. A. Patterson III | NA | 4 |
| Ranunculaceae | Aquilegia canadensis | DCG Bru #19 | NA | NA | D. Gaudreau | NA | 4 |
| Ranunculaceae | Caltha leptosepala | NA | NA | NA | D. Gaudreau | NA | 4 |
| Ranunculaceae | Caltha palustris | DCG | Na | NA | D. Gaudreau | NA | 4 |
| Ranunculaceae | Ranunculus sceleratus | NA | NA | NA | D. Gaudreau | NA | 4 |
| Ranunculaceae | Thalictrum | HDG Bru #123 | NA | NA | D. Gaudreau | NA | 4 |
| Ranunculaceae | Thalictrum | NA | NA | Ruby Mountains | D. Gaudreau | 6/28/1980 | 4 |
| Rhamnaceae | Ceanothus velutinosus | NA | NA | NA | D. Gaudreau | 6/27/1980 | 4 |
| Rhamnaceae | Rhamnus cathartica | P143 | 10% KOH, acet., .01 Saf., Corylus | Marine on St. Croix, Washington County, MN | W. A. Patterson III | 5/1976 | 4 |
| Rhizoporaceae | Rhizophora mangle | 3087 | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Cercocarpus montanus | DCG | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Crataegus | HDG Bru #259 | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Fragaria duchesnea | NA | NA | Johnston, RI | D. Gaudreau | 7/27/1975 | 4 |
| Rosaceae | Geum canadense | HDG Bru #371 | sparse | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Potentilla anserina | NA | NA | Seekonk, MA | D. Gaudreau | 6/3/1979 | 4 |
| Rosaceae | Potentilla ranunculoides | 3780 | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Potentilla recta | NA | NA | Ann Arbor, MI | T. Allison | 6/14/1971 | 4 |
| Rosaceae | Prunus | HDG Bru #231 | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Prunus | DG Bru #228 | sparse | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Prunus | DG BRU #228 | sparse | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Prunus | DG Bru #231 | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Prunus | NA | NA | NA | NA | NA | 4 |
| Rosaceae | Prunus americana | NA | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Prunus serotina | HDCG Bru #9 | sparse | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Prunus serotina | DCG Bru #9 | poor | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Prunus virginiana | HDG Bru#253 | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Pryus | HDG Bru #246 | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Pryus | Bru #246 | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | Pryus | DG Bru #246 | NA | NA | D. Gaudreau | NA | 4 |

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|------------------|----------------------------------|--------------|--|--|---------------------|-----------|-----|
| Rosaceae | <i>Pryus communis</i> | DG Bru #233 | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | <i>Pryus malus</i> | HDG Bru #240 | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | <i>Pryus malus</i> | DG Bru #240 | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | <i>Rubus occidentalis</i> | NA | NA | Cranston, RI | D. Gaudreau | 5/29/1975 | 4 |
| Rosaceae | <i>Sorbus</i> | HDCG Bru #13 | sparse | NA | D. Gaudreau | NA | 4 |
| Rosaceae | <i>Sorbus</i> | DCG Bru #13 | sparse | NA | D. Gaudreau | NA | 4 |
| Rosaceae | <i>Sorbus</i> | DG | NA | NA | D. Gaudreau | NA | 4 |
| Rosaceae | <i>Sorbus americana</i> | DG Bru #242 | sparse | NA | D. Gaudreau | NA | 4 |
| Rubiaceae | <i>Cephalanthus occidentalis</i> | WAP-539 | 10% KOH, acet., .01 Saf., Corylus, prep 9/94, slide 9/99 | NA | W. A. Patterson III | NA | 4 |
| Rubiaceae | <i>Cephalanthus occidentalis</i> | WAP-539 | 10% KOH, acet., .01 Saf., Corylus, prep 9/94, slide 9/99 | NA | W. A. Patterson III | NA | 4 |
| Salicaceae | <i>Populus sargentii</i> | DCG | NA | NA | D. Gaudreau | NA | 4 |
| Salicaceae | <i>Populus tremuloides</i> | P.59 | 10% KOH, HF, acet., .01 Saf., Corylus | Shutesbury, Franklin County, MA | W. A. Patterson III | 1979 | 4 |
| Salicaceae | <i>Populus tremuloides</i> | D | NA | Seekonk, MA | D. Gaudreau | 4/20/1980 | 4 |
| Salicaceae | <i>Populus tremuloides</i> | NA | NA | NA | D. Gaudreau | NA | 4 |
| Salicaceae | <i>Salix babylonica</i> | HDCG Bru #11 | NA | NA | D. Gaudreau | NA | 4 |
| Salicaceae | <i>Salix babylonica</i> | DCG Bru #11 | NA | NA | D. Gaudreau | NA | 4 |
| Salicaceae | <i>Salix babylonica</i> | HDG Bru #366 | NA | NA | D. Gaudreau | NA | 4 |
| Salicaceae | <i>Salix discolor</i> | DG Bru #221 | NA | NA | D. Gaudreau | NA | 4 |
| Saxifragaceae | <i>Parnasia sp.</i> | P204 | KOH, acet., saf., Corylus | Fairbanks, AK | W. A. Patterson III | NA | 4 |
| Saxifragaceae | <i>Saxifraga virginensis</i> | P305 | NA | New Haven, CT | W. A. Patterson III | NA | 4 |
| Scrophulariaceae | <i>Linaria canadensis</i> | P132 | KOH, acet., saf., Corylus | Barnstable County, MA | W. A. Patterson III | NA | 4 |
| Simaroubaceae | <i>Simarouba amara</i> | 3316 | NA | NA | D. Gaudreau | NA | 4 |
| Solanaceae | <i>Solanum nigrum</i> | NA | NA | NA | T. Allison | NA | 4 |
| sterculiaceae | <i>Guazuma ulmifolia</i> | 3790 | NA | NA | D. Gaudreau | NA | 4 |
| Taxaceae | <i>Taxus japonica</i> | D | NA | Providence, RI | T. Allison | 4/3/1980 | 4 |
| Tiliaceae | <i>Tilia americana</i> | DG Bru #223 | NA | NA | D. Gaudreau | NA | 4 |
| Typhaceae | <i>Typha angustifolia</i> | NA | NA | Nantucket, MA | T. Allison | 6/27/1980 | 4 |
| Ulmaceae | <i>Celtis occidentalis</i> | DCG | NA | NA | D. Gaudreau | NA | 4 |
| Ulmaceae | <i>Ulmus americana</i> | DCG Bru #4 | NA | NA | D. Gaudreau | NA | 4 |
| Ulmaceae | <i>Ulmus americana</i> | NA | NA | NA | D. Gaudreau | NA | 4 |
| Urticaceae | <i>Boehmeria caudata</i> | 3462 | NA | NA | D. Gaudreau | NA | 4 |
| Urticaceae | <i>Urtica dioica</i> | P-24 | KOH, acet., saf., Corylus | Ramsey County, MN | W. A. Patterson III | NA | 4 |
| Violaceae | <i>Viola papilionacea</i> | DG Bru #232 | sparse | NA | D. Gaudreau | NA | 4 |
| Violaceae | <i>Viola papilionacea</i> | DG Bru #232 | sparse | NA | D. Gaudreau | NA | 4 |
| Vitaceae | <i>Vitis riparia</i> | P63 | KOH, acet., saf., Corylus | Marine on St. Croix, Washington County, MN | W. A. Patterson III | 5/1976 | 4 |
| Dennstaedtiaceae | <i>Dennstaedia punctilobula</i> | NA | NA | NA | NA | NA | 5 |

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|---------------|--------------------------|---------------------------------|--|-----------------------|------------------------|-----------|-----|
| Equisetaceae | Equisetum arvense | P.138 | KOH, acet., saf., Corylus, broken bottle | Washington County, MN | W. A. Patterson III | NA | 5 |
| Equisetaceae | Equisetum arvense | NA | NA | Wolcott, VT | T. Allison | 10/6/1980 | 5 |
| Ericaceae | Pieris floribunda | Bru #229 | ? | ? | D. Gaudreau | ? | 5 |
| Fabaceae | Genista tinctoria | slide labeled Jeniata tinctoria | NA | S. County, RI | NA | 7/1975 | 5 |
| Lycopodiaceae | Lycopodium | DCG Bru #120 | NA | NA | D. Gaudreau | NA | 5 |
| Lycopodiaceae | Lycopodium clavatum | P-224 | KOH, acet., saf., Corylus | Franklin County, MA | W. A. Patterson III | NA | 5 |
| Lycopodiaceae | Lycopodium complanatum | P-109 | KOH, acet., saf., Corylus | Lake County, MN | W. A. Patterson III | NA | 5 |
| Lycopodiaceae | Lycopodium lucidulum | P-115 | KOH, acet., saf., Corylus | Hampshire County, MA | W. A. Patterson III | NA | 5 |
| Lycopodiaceae | Lycopodium obscurum | NA | NA | S. RI | T. Allison | 11/1976 | 5 |
| NA | Charcoal | WPB 614 | NA | NA | J. Bravo | 2/20/1996 | 5 |
| NA | Charcoal | WPB 614 | NA | NA | J. Bravo | 2/20/1997 | 5 |
| NA | Charcoal | 80 | NA | North landing, River | W. A. Patterson III | 1994 | 5 |
| NA | Charcoal, unprocessed | NA | NA | NA | NA | NA | 5 |
| NA | Charred grass leaves | NA | Hoyer's Soln. | NA | S. Clayden, J. Murnock | 6/4/1999 | 5 |
| NA | Charred oak leaves | NA | Hoyer's Soln. | NA | S. Clayden, J. Murnock | 6/4/1999 | 5 |
| NA | Charred red maple leaves | NA | Hoyer's Soln. | NA | S. Clayden, J. Murnock | 6/4/1999 | 5 |
| NA | Charred red pine needles | NA | Hoyer's Soln. | NA | S. Clayden, J. Murnock | 6/4/1999 | 5 |
| Pinaceae | Picea glauca | G 07-04 | NA | NA | M. Lindbladh | NA | 5 |
| Pinaceae | Picea glauca | G 10-16 | NA | NA | M. Lindbladh | NA | 5 |
| Pinaceae | Picea glauca | G06008 | NA | NA | M. Lindbladh | NA | 5 |
| Pinaceae | Picea mariana | M735 | NA | NA | M. Lindbladh | NA | 5 |
| Pinaceae | Picea mariana | M707 | NA | NA | M. Lindbladh | NA | 5 |
| Pinaceae | Picea rubens | R9086 | NA | NA | M. Lindbladh | NA | 5 |
| Pinaceae | Picea rubens | B1439 | NA | NA | M. Lindbladh | NA | 5 |
| Pinaceae | Picea rubens | R1289 | NA | NA | M. Lindbladh | NA | 5 |