

**Heritage Gas Plant List Pictou County Pipeline
October - November 2012**

Scientific Name	Common Name	DNR Rank	S Rank
Industrial Disturbed 20 T 522265 5055359			
<i>Tussilago farfara</i>	Colt's Foot	n/a	SE
<i>Solidago canadensis</i>	Canada Goldenrod	Green	S5
<i>Melilotus albus</i>	Melilotus albus	n/a	SE
<i>Daucus carota</i>	Wild Carrot	n/a	SE
<i>Vicia cracca</i>	Tufted Vetch	n/a	SE
<i>Cirsium vulgare</i>	Bull Thistle	n/a	SE
<i>Populus tremuloides</i>	Quaking Aspen	Green	S5
<i>Picea glauca</i>	White Spruce	Green	S5
<i>Betula populifolia</i>	Gray Birch	Green	S5
<i>Typha latifolia</i>	Broad-Leaf Cattail	Green	S5
<i>Prunus virginiana</i>	Choke Cherry	Green	S5
Ditch Alder Thicket 20 T 521556 5054046			
<i>Typha latifolia</i>	Broad-Leaf Cattail	Green	S5
<i>Ranunculus acris</i>	Tall Butter-Cup	n/a	SE
<i>Bidens cernua</i>	Nodding Beggar-Ticks	Green	S5
<i>Solanum dulcamara</i>	Climbing Nightshade	Green	S5
<i>Aster novi-belgii</i>	Aster novi-belgii	Green	S5
<i>Glyceria canadensis</i>	Canada Manna-Grass	Green	S5
<i>Galium palustre</i>	Marsh Bedstraw	Green	S5
<i>Picea rubens</i>	Red Spruce	Green	S5
<i>Abies balsamea</i>	Balsam Fir	Green	S5
<i>Populus tremuloides</i>	Quaking Aspen	Green	S5
<i>Betula populifolia</i>	Gray Birch	Green	S5
<i>Aster umbellatus</i>	Flat-topped White Aster	Green	S5
<i>Bidens frondosa</i>	Devil's Beggar-Ticks	Green	S5
<i>Alnus incana</i>	Speckled Alder	Green	S5
<i>Carex gynandra</i>	A Sedge	Green	S5
<i>Tussilago farfara</i>	Colt's Foot	n/a	SE
<i>Solidago canadensis</i>	Canada Goldenrod	Green	S5
<i>Rumex crispus</i>	Curly Dock	n/a	SE
Roadside Spp 20 T 521446 5054445			
<i>Frangula alnus</i>	Glossy Buckthorn	n/a	SE
<i>Aster umbellatus</i>	Flat-topped White Aster	Green	S5
<i>Alnus incana</i>	Speckled Alder	Green	S5
<i>Fragaria virginiana</i>	Virginia Strawberry	Green	S5
<i>Centaurea nigra</i>	Black Starthistle	n/a	SE
<i>Populus tremuloides</i>	Quaking Aspen	Green	S5
<i>Potentilla simplex</i>	Old-Field Cinquefoil	Green	S5
<i>Euthamia graminifolia</i>	Flat-Top Fragrant-Golden-Rod	Green	S5
<i>Pteridium aquilinum</i>	Bracken Fern	Green	S5
<i>Acer rubrum</i>	Red Maple	Green	S5

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<i>Daucus carota</i>	Wild Carrot	n/a	SE
<i>Vicia cracca</i>	Tufted Vetch	n/a	SE
<i>Phalaris arundinacea</i>	Reed Canary Grass	n/a	SE
<i>Salix bebbiana</i>	Bebb's Willow	Green	S5
<i>Trifolium pratense</i>	Red Clover	n/a	SE
<i>Prunus virginiana</i>	Choke Cherry	Green	S5
<i>Onoclea sensibilis</i>	Sensitive Fern	Green	S5
<i>Salix sp</i>	Salix sp	not a sp at risk	n/a
<i>Lupinus polyphyllus</i>	Large-Leaved Lupine	n/a	SE
<i>Rubus idaeus</i>	Red Raspberry	Green	S5
<i>Lotus corniculatus</i>	Birds-Foot Trefoil	n/a	SE
<i>Rosa virginiana</i>	Virginia Rose	Green	S5
<i>Betula papyrifera</i>	Paper Birch	Green	S5
<i>Aster novi-belgii</i>	Aster novi-belgii	Green	S5
<i>Galium mollugo</i>	Great Hedge Bedstraw	n/a	SE
Upland Regen Woods 20 T 521046 5048228			
<i>Pinus strobus</i>	Eastern White Pine	Green	S5
<i>Picea rubens</i>	Red Spruce	Green	S5
<i>Populus tremuloides</i>	Quaking Aspen	Green	S5
<i>Cornus canadensis</i>	Dwarf Dogwood	Green	S5
<i>Kalmia angustifolia</i>	Sheep-Laurel	Green	S5
<i>Tsuga canadensis</i>	Eastern Hemlock	Green	S4
<i>Pteridium aquilinum</i>	Bracken Fern	Green	S5
<i>Lycopodium obscurum</i>	Tree Clubmoss	Green	S5
<i>Lycopodium annotinum</i>	Stiff Clubmoss	Green	S5
<i>Gaultheria procumbens</i>	Teaberry	Green	S5
Hedgerow 20 T 515172 5046377			
<i>Acer saccharum</i>	Sugar Maple	Green	S5
<i>Picea glauca</i>	White Spruce	Green	S5
<i>Picea rubens</i>	Red Spruce	Green	S5
<i>Myrica pensylvanica</i>	Northern Bayberry	Green	S5
<i>Epilobium angustifolium</i>	Fireweed	Green	S5
<i>Fragaria virginiana</i>	Virginia Strawberry	Green	S5
<i>Alnus incana</i>	Speckled Alder	Green	S5
<i>Prunus virginiana</i>	Choke Cherry	Green	S5
<i>Cirsium vulgare</i>	Bull Thistle	n/a	SE
<i>Daucus carota</i>	Wild Carrot	n/a	SE
<i>Taraxacum officinale</i>	Common Dandelion	n/a	SE
<i>Linaria vulgaris</i>	Butter-And-Eggs	n/a	SE
<i>Oenothera biennis</i>	Common Evening-Primrose	Green	S5
<i>Solanum dulcamara</i>	Climbing Nightshade	Green	S5

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<i>Ranunculus acris</i>	Tall Butter-Cup	n/a	SE
<i>Hypericum perforatum</i>	A St. John's-Wort	n/a	SE
<i>Aster novi-belgii</i>	Aster novi-belgii	Green	S5
<i>Symphotrichum lateriflorum</i>	Farewell-Summer	Green	S5
<i>Symphotrichum cordifolium</i>	Heart-Leaf Aster	Green	S4S5
<i>Geum laciniatum</i>	Rough Avens	Green	S5
<i>Betula alleghaniensis</i>	Yellow Birch	Green	S5
<i>Sambucus racemosa</i>	Red Elderberry	Green	S5
<i>Lonicera canadensis</i>	American Fly-Honeysuckle	Green	S5
<i>Cornus alternifolia</i>	Alternate-Leaf Dogwood	Green	S5
<i>Galeopsis tetrahit</i>	Brittle-Stem Hempnettle	n/a	SE
<i>Solidago canadensis</i>	Canada Goldenrod	Green	S5
<i>Viburnum opulus</i>	Guelder-Rose Viburnum	Green	S5
Secondary Regen 20 T 512480 5044500			
<i>Picea glauca</i>	White Spruce	Green	S5
<i>Abies balsamea</i>	Balsam Fir	Green	S5
<i>Betula populifolia</i>	Gray Birch	Green	S5
<i>Solidago rugosa</i>	Rough-Leaf Goldenrod	Green	S5
<i>Rubus allegheniensis</i>	Allegheny Blackberry	Green	S5
<i>Frangula alnus</i>	Glossy Buckthorn	n/a	SE
<i>Quercus rubra</i>	Northern Red Oak	Green	S5
<i>Pinus strobus</i>	Eastern White Pine	Green	S5
<i>Fraxinus americana</i>	White Ash	Green	S5
<i>Betula papyrifera</i>	Paper Birch	Green	S5
<i>Gaultheria procumbens</i>	Teaberry	Green	S5
<i>Myrica pensylvanica</i>	Northern Bayberry	Green	S5
<i>Populus tremuloides</i>	Quaking Aspen	Green	S5
<i>Kalmia angustifolia</i>	Sheep-Laurel	Green	S5
<i>Pteridium aquilinum</i>	Bracken Fern	Green	S5
<i>Picea rubens</i>	Red Spruce	Green	S5
<i>Larix laricina</i>	American Larch	Green	S5
Hardwoods 20 T 519104 5047578			
<i>Acer saccharum</i>	Sugar Maple	Green	S5
<i>Fagus grandifolia</i>	American Beech	Green	S5
<i>Corylus cornuta</i>	Beaked Hazelnut	Green	S5
<i>Actaea rubra</i>	Red Baneberry	Green	S5
<i>Picea rubens</i>	Red Spruce	Green	S5
<i>Betula papyrifera</i>	Paper Birch	Green	S5
<i>Polystichum acrostichoides</i>	Christmas Fern	Green	S5
<i>Prunus serotina</i>	Wild Black Cherry	Green	S5
<i>Betula alleghaniensis</i>	Yellow Birch	Green	S5

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<i>Osmunda claytoniana</i>	Interrupted Fern	Green	S5
<i>Solidago rugosa</i>	Rough-Leaf Goldenrod	Green	S5
River Floodplain 20 T 519247 5047576			
<i>Calamagrostis canadensis</i>	Blue-Joint Reedgrass	Green	S5
<i>Verbena hastata</i>	Blue Vervain	Green	S3
<i>Scrophularia lanceolata</i>	Hare Figwort	Red	S1
<i>Salix sp</i>	Salix sp	not a sp at risk	n/a
Fen Wetland 20 T 519912 5047723			
<i>Alnus incana</i>	Speckled Alder	Green	S5
<i>Kalmia angustifolia</i>	Sheep-Laurel	Green	S5
<i>Ledum groenlandicum</i>	Common Labrador Tea	Green	S5
<i>Picea mariana</i>	Black Spruce	Green	S5
<i>Viburnum nudum</i>	Possum-Haw Viburnum	Green	S5
<i>Glyceria canadensis</i>	Canada Manna-Grass	Green	S5
<i>Carex gynandra</i>	A Sedge	Green	S5
<i>Calamagrostis canadensis</i>	Blue-Joint Reedgrass	Green	S5
<i>Eriophorum virginicum</i>	Tawny Cotton-Grass	Green	S5
<i>Pinus resinosa</i>	Red Pine	Green	S5
<i>Larix laricina</i>	American Larch	Green	S5
Black Spruce Bog 20 T 520235 5047810			
<i>Picea mariana</i>	Black Spruce	Green	S5
<i>Ledum groenlandicum</i>	Common Labrador Tea	Green	S5
<i>Eriophorum virginicum</i>	Tawny Cotton-Grass	Green	S5
<i>Kalmia angustifolia</i>	Sheep-Laurel	Green	S5
<i>Juncus effusus</i>	Soft Rush	Green	S5
<i>Iris versicolor</i>	Blueflag	Green	S5
<i>Salix bebbiana</i>	Bebb's Willow	Green	S5
<i>Larix laricina</i>	American Larch	Green	S5
<i>Drosera rotundifolia</i>	Roundleaf Sundew	Green	S5
<i>Maianthemum trifolium</i>	Three-Leaf Solomon's-Plume	Green	S4
<i>Glyceria canadensis</i>	Canada Manna-Grass	Green	S5
Clearcut 20 T 520842 5050628			
<i>Acer rubrum</i>	Red Maple	Green	S5
<i>Picea rubens</i>	Red Spruce	Green	S5
<i>Tsuga canadensis</i>	Eastern Hemlock	Green	S4
<i>Rubus idaeus</i>	Red Raspberry	Green	S5
<i>Juncus effusus</i>	Soft Rush	Green	S5
<i>Aster umbellatus</i>	Flat-topped White Aster	Green	S5
<i>Dryopteris intermedia</i>	Evergreen Woodfern	Green	S5
<i>Dennstaedtia punctilobula</i>	Eastern Hay-Scented Fern	Green	S5
<i>Lycopodium digitatum</i>	Fan Club-Moss	Green	S5

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<i>Lycopodium obscurum</i>	Tree Clubmoss	Green	S5
<i>Populus tremuloides</i>	Quaking Aspen	Green	S5
<i>Pteridium aquilinum</i>	Bracken Fern	Green	S5
<i>Aster acuminata</i>	Aster acuminata	Green	S5
<i>Brachyelytrum septentrionale</i>	Bearded Short-Husk	Green	S5
<i>Cornus canadensis</i>	Dwarf Dogwood	Green	S5
<i>Cornus alternifolia</i>	Alternate-Leaf Dogwood	Green	S5
<i>Acer pensylvanicum</i>	Striped Maple	Green	S5
<i>Lycopodium annotinum</i>	Stiff Clubmoss	Green	S5
Seasonal Stream 20 T 521041 5052390			
<i>Populus grandidentata</i>	Large-Tooth Aspen	Green	S5
<i>Populus tremuloides</i>	Quaking Aspen	Green	S5
<i>Comptonia peregrina</i>	Sweet Fern	Green	S5
<i>Alnus incana</i>	Speckled Alder	Green	S5
<i>Scirpus cyperinus</i>	Cottongrass Bulrush	Green	S5
<i>Betula populifolia</i>	Gray Birch	Green	S5
<i>Tsuga canadensis</i>	Eastern Hemlock	Green	S5
<i>Pinus strobus</i>	Eastern White Pine	Green	S5
<i>Ranunculus acris</i>	Tall Butter-Cup	n/a	SE
<i>Tussilago farfara</i>	Colt's Foot	n/a	SE
Secondary Regen 20T 0513696 5045717			
<i>Larix laricina</i>	American Larch	Green	S5
<i>Pinus strobus</i>	Eastern White Pine	Green	S5
<i>Betula papyrifera</i>	Paper Birch	Green	S5
<i>Betula populifolia</i>	Gray Birch	Green	S5
<i>Populus tremuloides</i>	Quaking Aspen	Green	S5
<i>Alnus incana</i>	Speckled Alder	Green	S5
<i>Scirpus cyperinus</i>	Cottongrass Bulrush	Green	S5
<i>Pteridium aquilinum</i>	Bracken Fern	Green	S5
<i>Rubus allegheniensis</i>	Allegheny Blackberry	Green	S5
<i>Aster umbellatus</i>	Flat-topped White Aster	Green	S5
<i>Euthamia graminifolia</i>	Flat-Top Fragrant-Golden-Rod	Green	S5
<i>Picea glauca</i>	White Spruce	Green	S5

Nova Scotia DNR Species at Risk Rankings

- Red: Known to be, or thought to be at risk.
- Yellow: Sensitive to human activities or natural events.
- Green: Not believed to be sensitive, or at risk.

S-Rankings:

- S1- Extremely rare throughout its range in the province (typically 5 or fewer occurrences or very few remaining individuals). May be especially vulnerable to extirpation.

S2- Rare throughout its range in the province (6 to 20 occurrences or few remaining individuals). May be vulnerable to extirpation due to rarity or other factors.

S3- Uncommon throughout its range in the province, or found only in a restricted range, even if abundant in at some locations. (21 to 100 occurrences).

S4- Usually widespread, fairly common throughout its range in the province, and apparently secure with many occurrences, but the Element is of long-term concern (e.g. watch list). (100+ occurrences).

S5- Demonstrably widespread, abundant, and secure throughout its range in the province, and essentially ineradicable under present conditions.

SE- Exotic: An exotic established in the province (e.g., Purple Loosestrife or Coltsfoot); may be native in nearby regions.