

Appendix Supplement A-2
Big River M-1 Road Culvert Repair
Botanical Survey Results

| Big River M-1 Road -- Culvert Repair Project, Botanical Survey -- 2012 | | | Species Observed | | | | | | | | | | | | | |
|--|------------------|----------------------------|-----------------------------------|------|------|------|-------------|------|------|------|------|------|------|------|------|------|
| Latin Binomial | Family | Common Name | M-1 Road Mile Marker ¹ | | | | | | | | | | | | | |
| | | | 4.05 | 6.33 | 6.49 | 6.73 | 6.84 - 6.90 | 7.02 | 7.13 | 7.29 | 7.31 | 7.38 | 7.55 | 7.58 | 7.68 | 7.78 |
| <i>Abies grandis</i> | Pinaceae | grand fir | x | | | x | x | | | | x | x | x | x | x | x |
| <i>Acmispon americanus</i> | Fabaceae | Pursh's lotus | | | x | | x | | | | x | | x | | x | x |
| <i>Acmispon parviflorus</i> | Fabaceae | miniature lotus | x | x | x | | | | | | | x | x | x | x | x |
| <i>Actaea rubra</i> | Ranunculaceae | baneberry | | | | | | | | | x | | | | | |
| <i>Adiantum aleuticum</i> | Pteridaceae | five-finger fern | x | | x | x | | | | | | | | | | x |
| <i>Agrostis exarata</i> | Poaceae | spike bentgrass | | | x | | x | | | | | | | | | x |
| <i>Agrostis sp.</i> | Poaceae | bentgrass | | x | | | | | | | | | | | | |
| <i>Aira caryophylla</i> | Poaceae | silver European hairgrass | | | x | | x | | | | x | | x | | | x |
| <i>Alisma triviale</i> | Alismataceae | western water-plantain | | | x | | | | | | | | | | | |
| <i>Alnus rubra</i> | Betulaceae | red alder | x | x | x | | x | | | x | | | | | | x |
| <i>Anemone sp.</i> | Ranunculaceae | anemone | x | | | | | | | | | | | | | |
| <i>Anisocarpus madioides</i> | Asteraceae | woodland tarplant | | x | x | x | | | | | x | | | | | x |
| <i>Anthoxanthum occidentale</i> | Poaceae | vanilla grass | | | | x | x | x | x | x | | | x | x | | x |
| <i>Anthoxanthum odoratum</i> | Poaceae | sweet vernal grass | x | x | | x | | | | | | x | | | x | x |
| <i>Aralia californica</i> | Araliaceae | California ginseng | | | x | | x | | | | | | | | | |
| <i>Arbutus menziesii</i> | Ericaceae | madrone | | x | x | x | | | | x | | x | x | x | x | x |
| <i>Arctostaphylos columbiana</i> | Ericaceae | hairy manzanita | | | | | | | | | | | | | | x |
| <i>Artemisia douglasiana</i> | Asteraceae | Douglas's mugwort | x | | | | | | | | | | | | | |
| <i>Asarum caudatum</i> | Aristolochiaceae | wild ginger | x | | | x | | x | | | | | | x | | |
| <i>Athyrium filix-femina</i> | Woodsiaceae | lady fern | x | | | x | | | | | | | | x | | |
| <i>Avena barbata</i> | Poaceae | slender wild oat | | | | | | | | | | | | | | |
| <i>Baccharis glutinosa</i> | Asteraceae | marsh baccharis | x | | | | | | | | | | | | | |
| <i>Baccharis pilularis</i> | Asteraceae | coyote brush | x | | x | x | x | | | | x | x | x | x | x | x |
| <i>Bellis perennis</i> | Asteraceae | lawn daisy | | | x | | x | | | | | x | | | | x |
| <i>Blechnum spicant</i> | Blechnaceae | deer fern | x | | | | | | | | | | | | | |
| <i>Briza maxima</i> | Poaceae | large quaking grass | x | | | | | | | | | | | | | |
| <i>Brodiaea terrestris</i> | Themidaceae | ground brodiaea | | | x | | | | | | | | | | | |
| <i>Bromus carinatus</i> | Poaceae | California brome | | x | | | | x | | | | | | | | |
| <i>Bromus diandrus</i> | Poaceae | ripgut brome | x | | | | | | | | x | | | | x | x |
| <i>Bromus hordeaceus</i> | Poaceae | soft chess | x | | | | | | | | | | | | x | |
| <i>Bromus laevipes</i> | Poaceae | woodland brome | x | x | x | x | x | | | x | x | x | x | x | x | x |
| <i>Bromus vulgaris</i> | Poaceae | Columbia brome | | | x | | | | | | | x | | | | |
| <i>Cardamine californica</i> | Brassicaceae | milk maids | | | | | | | | | | | | x | | |
| <i>Cardamine oligosperma</i> | Brassicaceae | bitter cress | | | | | | | | | | | | | x | |
| <i>Carduus pycnocephalus</i> | Asteraceae | Italian thistle | x | | | | | | | | | | | | | |
| <i>Carex harfordii</i> | Cyperaceae | Harford's sedge | | | | x | | | | | | | x | | x | |
| <i>Carex bolanderi</i> | Cyperaceae | Bolander's sedge | x | x | x | x | x | x | | | | | | | | |
| <i>Carex globosa</i> | Cyperaceae | round-gruited sedge | x | | x | | x | | | x | x | | x | | | x |
| <i>Carex gynodynama</i> | Cyperaceae | wonder woman sedge | | x | x | | | | | | x | | x | x | x | x |
| <i>Carex hendersonii</i> | Cyperaceae | Henderson's sedge | | | | | | | | | | | | | | x |
| <i>Carex leptopoda</i> | Cyperaceae | slender-footed sedge | x | | x | x | x | x | x | x | x | | x | x | | |
| <i>Carex obnupta</i> | Cyperaceae | slough sedge | x | x | x | x | x | x | | | | | x | x | | |
| <i>Carex subbractreata</i> | Cyperaceae | short-bracted sedge | x | x | x | | | x | | | | | x | x | | |
| <i>Ceanothus thyrsiflorus</i> | Rhamnaceae | blue blossom | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| <i>Cerastium fontanum ssp. vulgare</i> | Caryophyllaceae | common mouse-ear chickweed | x | | | | | | | | | | | | | x |
| <i>Cerastium glomeratum</i> | Caryophyllaceae | mouse-ear chickweed | x | x | | x | | | | x | | x | x | x | x | x |

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|--|-----------------|--------------------------|------------------|------|------|------|-------------|----------------------|------|------|------|------|------|------|------|------|---|
| | | | 4.05 | 6.33 | 6.49 | 6.73 | 6.84 - 6.90 | 7.02 | 7.13 | 7.29 | 7.31 | 7.38 | 7.55 | 7.58 | 7.68 | 7.78 | |
| <i>Cirsium brevistylum</i> | Asteraceae | Indian thistle | | | | | | | | | | | | | | x | |
| <i>Cirsium vulgare</i> | Asteraceae | bull thistle | x | x | x | x | x | | | x | | | | | x | x | x |
| <i>Claytonia perfoliata</i> | Montiaceae | miner's lettuce | x | | | x | | | | | | | | | | | |
| <i>Claytonia sibirica</i> | Montiaceae | candy flower | x | x | | | | | | | | | | | | | |
| <i>Clinopodium douglasii</i> | Lamiaceae | yerba buena | | | x | | | | | | | x | x | x | x | x | x |
| <i>Collomia heterophylla</i> | Polemoniaceae | variable-leaved collomia | | x | x | x | | | | | | | | | | | x |
| <i>Conium maculatum</i> | Apiaceae | poison hemlock | x | | | | | | | | | | | | | | |
| <i>Convolvulus arvensis</i> | Convolvulaceae | field bindweed | x | | | | | | | | | | | | | | |
| <i>Cortaderia jubata</i> | Poaceae | jubata grass | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| <i>Corylus cornuta ssp. californica</i> | Betulaceae | hazel | | | | | | | | | | x | | | | | |
| <i>Cotoneaster franchetii</i> | Rosaceae | cotoneaster | | | | | | x | | | | x | | | | | |
| <i>Cynosurus echinatus</i> | Poaceae | hedgohog dogtail | | x | x | | x | | | | x | | | x | x | | |
| <i>Cyperus eragrostis</i> | Cyperaceae | nut-sedge | | | x | | x | | | | | | | | | | |
| <i>Cystopteris fragilis</i> | Woodsiaceae | fragile fern | x | | | x | | | | | | | | | x | | |
| <i>Dactylis glomerata</i> | Poaceae | orchard grass | | | x | x | | | | | | x | | | | | |
| <i>Danthonia californica</i> | Poaceae | California oatgrass | | x | | | | | | | | | | | | | |
| <i>Daucus pusillus</i> | Apiaceae | rattlesnake weed | | | | | | | | | | | | | | | |
| <i>Deschampsia elongata</i> | Poaceae | slender hairgrass | | x | | | | x | | | | x | | | | | |
| <i>Digitalis purpurea</i> | Plantaginaceae | foxglove | x | | | | | | | | | x | | | | x | |
| <i>Dryopteris arguta</i> | Dryopteridaceae | wood fern | | | | x | | | | | | | | | | | |
| <i>Elymus glaucus</i> | Poaceae | blue wildrye | x | x | x | | x | | | | x | | x | x | | x | x |
| <i>Epilobium ciliatum</i> | Onagraceae | hairy willow-herb | x | x | x | | | | | | x | | | | | | |
| <i>Equisetum hyemale ssp. affine</i> | Equisetaceae | common scouring-rush | x | x | | | | | | | | | | | | | |
| <i>Equisetum laevigatum</i> | Equisetaceae | smooth scouring-rush | | | | | | | | | | | | | | | |
| <i>Equisetum telmateia ssp. braunii</i> | Equisetaceae | giant horsetail | x | x | x | x | x | | | | | | x | x | | | |
| <i>Euchiton gymnocephalus</i> | Asteraceae | creeping cudweed | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| <i>Festuca arundinacea</i> | Poaceae | tall fescue | | | x | | | | | | | | | | | | |
| <i>Festuca occidentalis</i> | Poaceae | western fescue | | | | | x | | | | | | | x | | | |
| <i>Foeniculum vulgare</i> | Apiaceae | fennel | x | | | | x | | | | | | | | | | |
| <i>Fragaria vesca</i> | Rosaceae | wood strawberry | x | x | x | x | | | | | x | x | x | x | x | x | x |
| <i>Frangula californica</i> | Rhamnaceae | California coffeeberry | | | | | | | | | | | | x | | | |
| <i>Frangula purshiana ssp. purshiana</i> | Rhamnaceae | cascara sagrada | x | | x | x | x | x | x | x | x | x | x | x | | x | x |
| <i>Fraxinus latifolia</i> | Oleaceae | Oregon ash | | x | | | | | | | | | | | | | |
| <i>Galium aparine</i> | Rubiaceae | cleavers | x | x | x | x | | x | | | | | x | x | x | x | |
| <i>Galium parisiense</i> | Rubiaceae | Paris bedstraw | | | | | | | | | x | x | | x | x | x | x |
| <i>Galium porrigens</i> | Rubiaceae | climbing bedstraw | x | | | | | | | | | | | | | | |
| <i>Galium triflorum</i> | Rubiaceae | sweet-scented bedstraw | x | x | x | x | x | x | x | x | x | | x | x | x | x | x |
| <i>Gamochaeta ustulata</i> | Asteraceae | purple cudweed | x | | | | x | | | | | x | | | | x | |
| <i>Gaultheria shallon</i> | Ericaceae | salal | | | | x | | | | | | | | x | x | | |
| <i>Genista monspessulana</i> | Fabaceae | French broom | | | | | | | | | | | | | | | |
| <i>Geranium core-core</i> | Geraniaceae | New Zealand geranium | x | | | | | | | | | | | | | | |
| <i>Geranium dissectum</i> | Geraniaceae | cut-leaf geranium | x | x | | | x | | | | | x | x | x | x | | |
| <i>Geranium molle</i> | Geraniaceae | dove geranium | | | | | | | | | x | | x | | | | x |
| <i>Hedera helix</i> | Aquifoliaceae | English ivy | x | | | | | | | | | | | | | | |
| <i>Helenium puberulum</i> | Asteraceae | sneezeweed | | | | | x | | | | | | | | | | |
| <i>Hieracium albiflorum</i> | Asteraceae | white hawkweed | | | | | | | | x | | | | | | | x |
| <i>Holcus lanatus</i> | Poaceae | purple velvet grass | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |

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|---|-----------------|-----------------------------------|------------------|------|------|------|-------------|----------------------|------|------|------|------|------|------|------|------|--|
| | | | 4.05 | 6.33 | 6.49 | 6.73 | 6.84 - 6.90 | 7.02 | 7.13 | 7.29 | 7.31 | 7.38 | 7.55 | 7.58 | 7.68 | 7.78 | |
| <i>Hydrophyllum tenuipes</i> | Boraginaceae | Pacific waterleaf | x | | | | | | | | | | | | | | |
| <i>Hypochaeris radicata</i> | Asteraceae | rough cat's-ear | x | x | x | x | x | | x | x | x | x | x | x | x | x | |
| <i>Iris douglasiana</i> | Iridaceae | Douglas iris | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| <i>Juncus balticus</i> ssp. <i>ater</i> | Juncaceae | Baltic rush | | | | | x | | | | | | | | | | |
| <i>Juncus bolanderi</i> | Juncaceae | Bolander's rush | | x | | | | | | | | | x | | | | |
| <i>Juncus effusus</i> ssp. <i>pacificus</i> | Juncaceae | Pacific rush | x | | x | | x | x | | | | | | | | | |
| <i>Juncus patens</i> | Juncaceae | gray rush | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| <i>Lactuca virosa</i> | Asteraceae | bitter lettuce | | | | | | | | | | | | | | | |
| <i>Lathyrus hirsuta</i> | Fabaceae | Caley pea | | | x | | | | | | | | | | | | |
| <i>Lathyrus tingitanus</i> | Fabaceae | Tangier pea | x | x | | | | | | | | | | | | | |
| <i>Lathyrus vestitus</i> | Fabaceae | hillside pea | | x | x | x | x | | | | | | x | | | | |
| <i>Leontodon saxatilis</i> | Asteraceae | hawkbit | x | | | | | | | | | | | | | | |
| <i>Leucanthemum vulgare</i> | Asteraceae | ox-eye daisy | x | x | x | x | x | x | | | | | x | | x | | |
| <i>Lilium pardalinum</i> | Liliaceae | leopard lily | x | | | | | | | | | | | | | | |
| <i>Linum bienne</i> | Linaceae | common blue flax | x | x | | | | | | | | | x | | x | | |
| <i>Lonicera hispidula</i> | Caprifoliaceae | hairy honeysuckle | x | x | x | | x | x | x | x | x | x | x | x | x | x | |
| <i>Lotus corniculatus</i> | Fabaceae | bird's-foot trefoil | x | | x | | | | | | | | | | x | | |
| <i>Luzula comosa</i> | Juncaceae | hairy wood rush | | | | x | | | | | | | x | | | | |
| <i>Madia exigua</i> | Asteraceae | thread-stem madia | | | x | | x | | | | x | | x | x | x | x | |
| <i>Madia gracilis</i> | Asteraceae | common tarplant | | | | | x | | | | | | | | | | |
| <i>Madia sativa</i> | Asteraceae | coast tarplant | | | | | x | | | | | | | | | | |
| <i>Maianthemum racemosum</i> | Ruscaceae | broad-leaved false Solomon's-seal | | | | | | | | | | | | | | x | |
| <i>Medicago polymorpha</i> | Fabaceae | California bur-clover | | x | | | | | | | | | | | | | |
| <i>Melilotus albus</i> | Fabaceae | white sweetclover | x | | | | | | | | | | | | | | |
| <i>Melilotus indicus</i> | Fabaceae | sourclover | x | x | | | | | | | | | x | | | x | |
| <i>Mentha pulegium</i> | Lamiaceae | pennyroyal | | x | x | x | x | | | x | x | x | x | | x | x | |
| <i>Morella californica</i> | Myricaceae | wax-myrtle | | x | x | | x | | | x | x | x | x | x | x | x | |
| <i>Myosotis discolor</i> | Boraginaceae | scorpion wee | | | | | | | | | x | | | | | | |
| <i>Navarretia squarrosa</i> | Polemoniaceae | skunkweed | | | | | | | | | | | | | | | |
| <i>Nemophila parviflora</i> | Boraginaceae | small-flowered nemophila | x | x | | x | x | x | x | | | | | | | | |
| <i>Notholithocarpus densiflorus</i> | Fagaceae | tanoak | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| <i>Oenanthe sarmentosa</i> | Apiaceae | water parsley | x | | | | | | | | | | | | | | |
| <i>Osmorhiza berteroi</i> | Apiaceae | sweet cicely | x | x | x | x | x | | x | | x | | | | x | x | |
| <i>Oxalis oregana</i> | Oxalidaceae | redwood sorrel | | x | | x | | | | x | | | | | | x | |
| <i>Paspalum dilatatum</i> | Poaceae | dallis grass | | | | | | | | | | | | | | | |
| <i>Pectiantia ovalis</i> | Saxifragaceae | oval-leaf mitrewort | x | | | | | | | | | | | | | | |
| <i>Pentagramma triangularis</i> | Pteridaceae | goldback fern | x | x | x | x | x | x | x | | | x | x | x | x | x | |
| <i>Persicaria punctatum</i> | Polygonaceae | water smartweed | | x | | | | | | | | | | | | | |
| <i>Phacelia bolanderi</i> | Boraginaceae | Bolander's phacelia | x | | | | | | | | | | | | | | |
| <i>Plantago lanceolata</i> | Plantaginaceae | English plantain | x | x | x | | | | | | | | x | | | | |
| <i>Plantago subnuda</i> | Plantaginaceae | marsh plantain | x | x | x | x | x | | | x | | x | x | | | x | |
| <i>Poa annua</i> | Poaceae | annual bluegrass | x | | | | | | | | | | | | | | |
| <i>Poa kelloggii</i> | Poaceae | Kellogg's bluegrass | | | | x | | | | | | | | | x | | |
| <i>Polygala californica</i> | Polygalaceae | California milkwort | | x | x | | x | | | | | x | x | x | x | | |
| <i>Polystichum munitum</i> | Dryopteridaceae | western sword fern | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| <i>Prosartes hookeri</i> | Liliaceae | Hooker's fairy bells | | | | | | | | x | | x | | | | | |
| <i>Prosartes smithii</i> | Liliaceae | Smiths fairy bells | | x | | | | | | | | | | | | | |

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| | | | 4.05 | 6.33 | 6.49 | 6.73 | 6.84 - 6.90 | 7.02 | 7.13 | 7.29 | 7.31 | 7.38 | 7.55 | 7.58 | 7.68 | 7.78 | |
| <i>Prunella vulgaris</i> var. <i>lanceolata</i> | Lamiaceae | self-heal | x | x | x | x | x | x | | | | x | | x | x | x | x |
| <i>Pseudognaphalium luteoalbum</i> | Asteraceae | Jersey cudweed | | | | | | | | | | | x | | | x | x |
| <i>Pseudotsuga menziesii</i> | Pinaceae | Douglas-fir | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| <i>Pteridium aquilinum</i> | Dennstaedtiaceae | bracken | x | | x | x | x | x | x | x | | | x | x | x | x | x |
| <i>Ranunculus parviflorus</i> | Ranunculaceae | small-flowered buttercup | x | | | | | | | | | | | | x | | |
| <i>Rosa gymnocarpa</i> | Rosaceae | wood rose | | | | | | | | | x | | | | | | x |
| <i>Rubus armeniacus</i> | Rosaceae | Armenian blackberry | | x | x | | | x | | | | | x | x | | | x |
| <i>Rubus leucodermis</i> | Rosaceae | blackcap raspberry | | | | x | x | x | | | | | | | | | |
| <i>Rubus parviflorus</i> | Rosaceae | thimbleberry | x | x | x | x | x | x | x | x | x | x | x | x | x | x | |
| <i>Rubus spectabilis</i> | Rosaceae | salmonberry | x | | | | | | | | | | | | | | |
| <i>Rubus ursinus</i> | Rosaceae | California blackberry | x | x | x | x | x | x | x | x | x | | | x | | | x |
| <i>Rumex acetosella</i> | Polygonaceae | sheep sorrel | | | | | | | | | | | | | | | x |
| <i>Rumex conglomeratus</i> | Polygonaceae | clustered dock | x | x | | x | | | | | | | | | | | |
| <i>Rytidosperma penicillatum</i> | Poaceae | hairy oatgrass | | x | x | x | x | x | x | | | x | x | x | | | x |
| <i>Salix lasiolepis</i> | Salicaceae | arroyo willow | x | x | | | | x | | | | | | | | | |
| <i>Salix lucida</i> ssp. <i>lasiandra</i> | Salicaceae | shining willow | | | x | | | | | | | | | | | | |
| <i>Salix scouleriana</i> | Salicaceae | Scouler's willow | | | | | | | | | | | | | x | | x |
| <i>Salix sitchensis</i> | Salicaceae | Sitka willow | | | x | x | x | x | | | | | | | | | |
| <i>Sambucus racemosa</i> | Adoxaceae | red elderberry | x | | | | | | | | | | | | | | x |
| <i>Sanicula crassicaulis</i> | Apiaceae | Pacific snakeroot | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| <i>Scirpus microcarpus</i> | Cyperaceae | small-fruited bulrush | | x | | x | | | | | | | | x | x | | |
| <i>Scoliopus bigelovii</i> | Liliaceae | fetid adder's-tongue | | | | | | | | | | | | x | x | | x |
| <i>Scrophularia californica</i> | Scrophulariaceae | bee plant | x | | | | | | | | | | | | | | |
| <i>Senecio jacobaea</i> | Asteraceae | tansy ragwort | x | | x | x | x | x | x | | | | x | | | | x |
| <i>Senecio minima</i> | Asteraceae | cutleaf burnweed | | | | | | | | | | | | | | | |
| <i>Sequoia sempervirens</i> | Cupressaceae | coast redwood | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| <i>Sherardia arvensis</i> | Rubiaceae | field madder | x | | | | | | | | | | | | | | |
| <i>Sisyrinchium bellum</i> | Iridaceae | blue-eyed grass | | x | | | | | | | | | | | | | |
| <i>Solanum douglasii</i> | Solanaceae | Douglas's nightshade | x | | | | | | | | | | | | | | |
| <i>Soliva sessilis</i> | Asteraceae | field burrweed | | | | | | | | | | | x | | | | x |
| <i>Sonchus asper</i> ssp. <i>asper</i> | Asteraceae | prickly sow-thistle | x | x | | | | | | | | | | | | | |
| <i>Sonchus oleraceus</i> | Asteraceae | common sow-thistle | | x | | | | | | | | | | | | | |
| <i>Stachys chamissonis</i> | Lamiaceae | marsh hedge-nettle | x | | | x | x | | | | | | | | | | |
| <i>Stachys rigida</i> | Lamiaceae | hedge-nettle | x | x | x | | | x | | | | | | | | | |
| <i>Stellaria borealis</i> ssp. <i>sitchana</i> | Caryophyllaceae | marsh chickweed | | | | | | x | | | | | | | | | |
| <i>Stellaria media</i> | Caryophyllaceae | common chickweed | | | | x | | | | | | | | | | | |
| <i>Stellaria pallida</i> | Caryophyllaceae | pallid chickweed | x | | | | | | | | | | | | | | x |
| <i>Symphotrichum chilense</i> | Asteraceae | California aster | x | | | | | x | | | | | | | | | |
| <i>Taraxacum officinale</i> | Asteraceae | dandelion | | | | | | | | | | | | | | x | |
| <i>Tiarella unifoliata</i> ssp. <i>trifoliata</i> | Saxifragaceae | laceflower | x | | | | | | | | | | | | | | |
| <i>Tolmiea diplomenziesii</i> | Saxifragaceae | pig-a-back plant | x | | | | | | | | | | | | | | |
| <i>Torilis arvensis</i> | Apiaceae | tall sock-destroyer | x | x | | | | x | | | x | | | x | x | x | x |
| <i>Toxicodendron diversilobum</i> | Anacardiaceae | poison-oak | x | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| <i>Trientalis latifolia</i> | Myrsinaceae | star flower | | | x | x | x | x | x | x | x | x | x | x | x | x | x |
| <i>Trifolium angustifolium</i> | Fabaceae | narrow-leaf clover | | | | | | | | | | | | | | | x |
| <i>Trifolium campestre</i> | Fabaceae | hop clover | x | | | | | | | | | | x | | | | x |
| <i>Trifolium dubium</i> | Fabaceae | little shamrock clover | x | x | x | | | | x | | x | x | x | x | x | x | x |

Appendix Supplement A-2
Big River M-1 Road Culvert Repair
Botanical Survey Results

| Latin Binomial | Family | Common Name | Species Observed | | | | | M-1 Road Mile Marker | | | | | | | | |
|---|----------------|------------------------|------------------|------|------|------|-------------|----------------------|------|------|------|------|------|------|------|------|
| | | | 4.05 | 6.33 | 6.49 | 6.73 | 6.84 - 6.90 | 7.02 | 7.13 | 7.29 | 7.31 | 7.38 | 7.55 | 7.58 | 7.68 | 7.78 |
| <i>Trifolium glomeratum</i> | Fabaceae | clusterd clover | x | | | | | | | | | x | | | x | |
| <i>Trifolium microcephalum</i> | Fabaceae | small-head clover | | | | | | | | | | | | | x | |
| <i>Trifolium repens</i> | Fabaceae | white clover | x | x | x | | | | | | | x | | | | x |
| <i>Trifolium variegatum</i> | Fabaceae | white-tip clover | | | | | x | x | | | | | x | x | | x |
| <i>Trillium ovatum</i> | Melanthiaceae | wake robin | x | x | | | | | | | | | x | x | x | |
| <i>Trisetum canescens</i> | Poaceae | trisetum | | | | x | | | | | x | | | | | |
| <i>Tsuga heterophylla</i> | Pinaceae | coast hemlock | | | | | | | | | | x | | x | x | |
| <i>Umbellularia californica</i> | Lauraceae | California bay | x | x | x | x | x | x | x | x | x | x | x | x | x | x |
| <i>Urtica dioica</i> | Urticaceae | stinging nettle | x | | | | | | | | x | | | | | |
| <i>Vaccinium ovatum</i> | Ericaceae | blue huckleberry | x | x | x | x | x | x | | x | x | x | x | x | x | x |
| <i>Vaccinium parvifolium</i> | Ericaceae | red huckleberry | | | x | | | | x | | x | | | x | x | x |
| <i>Vancouveria planipetala</i> | Berberidaceae | inside-out-flower | | x | | | | | | | | | | | | |
| <i>Veronica americana</i> | Plantaginaceae | American brooklime | | x | | | | | | | | | | | | |
| <i>Veronica</i> sp. | Plantaginaceae | veronica | | | | | | | | | | | | | | x |
| <i>Vicia americana</i> | Fabaceae | American vetch | x | | | | | | | | | | | | | |
| <i>Vicia hirsuta</i> | Fabaceae | hairy vetch | | x | | | | | | | | x | x | x | x | x |
| <i>Vicia sativa</i> | Fabaceae | spring vetch | x | x | | x | | | | | | | | | x | |
| <i>Viola glabella</i> | Violaceae | smooth violet | x | | | | | | | | | | | | | |
| <i>Viola sempervirens</i> | Violaceae | redwood violet | x | | | x | x | | | x | x | x | x | x | | |
| <i>Whipplea modesta</i> | Hydrangeaceae | modesty | x | x | x | x | x | x | x | x | x | x | x | | x | x |
| <i>Woodwardia fimbriata</i> | Blechnaceae | giant chain fern | | | | | | | | | | | x | | | |
| <i>Zeltnera muehlenbergii</i> | Gentianaceae | Muehlenberg's centaury | | | x | | x | | | | | x | | | | x |
| NON-PLANT | | | | | | RLF | | | | | | | | | | |
| 1. Bold type indicates locations of proposed culvert replacements. "x" denotes presence within a radius of approximately 20 meters from the mileage marker. | | | | | | | | | | | | | | | | |
| All plant taxa listed, other than those listed only for Site M1-4.05, are within Site M1-0, miles 6.0 to 8.0, as surveyed for the Supplement to the original MND. Plants listed only for M1-4.05, however, are still within Site M1-0, although the entirety of that Project site was not surveyed in preparation for the Supplement. | | | | | | | | | | | | | | | | |