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Title of article Late-Quaternary Vegetation Near Battle Ground Lake,
Southern Puget Trough, Washington

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Tables A, B, and C

TABLE A. COMMON NAMES OF GENERA AND SPECIES REFERRED TO IN TEXT¹

Taxon	Common Name
<u>Abies amabilis</u>	Pacific silver fir
<u>Abies grandis</u>	grand fir
<u>Abies lasiocarpa</u>	subalpine fir
<u>Acer circinatum</u>	vine maple
<u>Acer macrophyllum</u>	bigleaf maple
<u>Alnus rubra</u>	red alder
<u>Alnus sinuata</u>	Sitka alder
<u>Ambrosia</u>	ragweed
<u>Amelanchier alnifolia</u>	Saskatoon serviceberry
<u>Arenaria</u>	sandwort
<u>Artemisia michauxiana</u>	Michaux's wormwood
<u>Artemisia norvegica</u>	arctic wormwood
<u>Artemisia scopulorum</u>	Rocky Mountain sagebrush
<u>Artemisia tridentata</u>	big sagebrush
<u>Artemisia trifurcata</u>	three-forked wormwood
<u>Artemisia tripartita</u>	threetip sagebrush
<u>Camassia quamash</u>	common camas
<u>Castanopsis chrysophylla</u>	golden chinkapin
<u>Ceanothus sanguineus</u>	redstem ceanothus
<u>Chamaecyparis nootkatensis</u>	Alaska-cedar

TABLE A, continued

Taxon	Common Name
<u>Cornus nutallii</u>	Pacific dogwood
<u>Cornus stolonifera</u>	red-osier dogwood
<u>Corylus cornuta</u>	western hazel
<u>Fraxinus latifolia</u>	Oregon ash
<u>Heuchera</u>	alumroot
<u>Holodiscus discolor</u>	creambush oceanospray
<u>Juncus</u>	rush
<u>Larix</u>	larch
<u>Menyanthes</u>	buckbean
<u>Oemleria cerasiformis</u>	Indian plum
<u>Philadelphus lewisii</u>	Lewis mockorange
<u>Picea engelmannii</u>	Engelmann spruce
<u>Picea glauca</u>	white spruce
<u>Picea sitchensis</u>	Sitka spruce
<u>Pinus albicaulis</u>	whitebark pine
<u>Pinus contorta</u>	lodgepole pine
<u>Pinus monticola</u>	western white pine
<u>Pinus ponderosa</u>	ponderosa pine
<u>Plantago lanceolata</u>	English plantain
<u>Polygonum bistortoides</u>	American bistort

TABLE A, continued

Taxon	Common Name
<u>Polygonum californicum</u>	California knotweed
<u>Populus tremuloides</u>	quaking aspen
<u>Populus trichocarpa</u>	black cottonwood
<u>Potamogeton</u>	pondweed
<u>Prunus emarginata</u>	bitter cherry
<u>Pseudotsuga menziesii</u>	Douglas-fir
<u>Pteridium aquilinum</u>	bracken fern
<u>Quercus garryana</u>	Oregon white oak
<u>Ranunculus aquatilis</u>	white water-buttercup
<u>Rhamnus purshiana</u>	cascara
<u>Rosa woodsii</u>	woods rose
<u>Rumex</u>	dock
<u>Salix</u>	willow
<u>Sambucus racemosa</u>	red elderberry
<u>Sanquisorba</u>	burnet
<u>Scirpus</u>	bulrush
<u>Shepherdia canadensis</u>	buffaloberry
<u>Silene</u>	silene
<u>Spiraea douglasii</u>	Douglas spirea
<u>Symporicarpos alba</u>	common snowberry

TABLE A, continued

Taxon	Common Name
<u>Taxus brevifolia</u>	western yew
<u>Thuja plicata</u>	western red cedar
<u>Tsuga heterophylla</u>	western hemlock
<u>Tsuga mertensiana</u>	mountain hemlock
<u>Typha latifolia</u>	broad-leaved cat-tail
<u>Valerianella</u>	valerianella

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Nomenclature follows Hitchcock and Cronquist (1973)

and Franklin and Dyrness (1973)

Pollen zone	Taxon
	<u>Alnus rubra</u>
	<u>Polygonum</u> cf. <u>scandens</u>
	<u>Polygonum</u> spp.
	Compositae Indeterminate
	<u>Menyanthes</u> sp.
	<u>Dulichium</u> sp.
	<u>Typha latifolia</u>
BG1b	<u>Pseudotsuga menziesii</u> (needle, leaf scale)
	<u>Abies amabilis/grandis</u> (needle)
	<u>Pinus monticola</u> (needle)
	<u>Thuja plicata</u> (needle)
	<u>Ranunculus</u> sp.
	<u>Kalmia</u> sp.
	<u>Polygonum ramosissimum</u> -type
	<u>Polygonum douglasii</u> -type
	<u>Polygonum</u> sp.
	<u>Claytonia</u> cf. <u>lanceolata</u>
	<u>Silene</u> cf. <u>gallica</u>
	cf. <u>Silene</u>
	Caryophyllaceae Indeterminate
	cf. <u>Spiraea douglasii</u>
	<u>Chenopodium rubrum</u>
	Compositae Indeterminate
	<u>Dulichium</u> sp.
	<u>Eleocharis ovata</u>

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TABLE B. PLANT MACROFOSSILS, BATTLE GROUND LAKE CORES 80B, 81A, AND 81C¹

Pollen zone	Taxon
BG3	<u>Pseudotsuga menziesii</u> (needle, leaf scale) <u>Picea</u> cf. <u>engelmannii</u> (needle) <u>Picea sitchensis</u> (needle) <u>Picea</u> sp. <u>Pinus</u> sp. <u>Alnus</u> cf. <u>rubra</u> <u>Polygonum</u> spp. cf. <u>Potentilla</u> cf. <u>Senecio</u> Compositae Indeterminate <u>Silene</u> sp. cf. <u>Gaultheria</u> <u>Vaccinium</u> sp.
BG2	<u>Pseudotsuga menziesii</u> (needle, leaf scale) <u>Picea</u> cf. <u>sitchensis</u> (needle) <u>Picea</u> cf. <u>engelmannii</u> (needle) <u>Abies amabilis/grandis</u> (needle) <u>Alnus</u> cf. <u>rubra</u> <u>Silene</u> cf. <u>noctiflora</u> <u>Arenaria</u> sp. <u>Scirpus</u> sp. <u>Potamogeton filiformis</u>
BG1c	<u>Pseudotsuga menziesii</u> (needle, leaf scale)

TABLE C. POLLEN AND SPORES PRESENT BUT NOT SHOWN
ON DIAGRAMS FOR BATTLE GROUND LAKE

Taxon	BG3	Zone BG2	BG1		
			c	b	a
<u>Populus tremuloides</u>	+	+	+	.	+
<u>Ceanothus</u>	+	.	+	+	.
<u>Rhamnus purshiana</u>	.	.	+	+	+
<u>Acer circinatum</u>	.	.	+	+	+
<u>Cornus</u>	.	.	.	+	+
 <u>Betula</u>	+	1.7	.	+	+
<u>Garrya</u>	+
<u>Myrica gale</u>	+
<u>Sambucus</u>	.	.	+	+	+
<u>Lonicera-type</u>	+	.	.	+	+
 <u>Viburnum</u>	+	.	.	+	.
<u>Rubus</u>	.	.	+	+	+
<u>Spiraea-type</u>	+	2.2	1.0	2.4	2.5
<u>Dryas-type</u>	.	+	.	.	.
<u>Geum-type</u>	.	+	.	.	.
 <u>Prunus-type</u>	.	+	+	+	+
<u>Berberis</u>	+	+	+	+	+
<u>Vancouveria hexandra</u>	+	.	+	+	+
<u>Shepherdia canadensis</u>	+	.	+	.	.
<u>Eleagnus argentea</u>	+

TABLE C. continued

Taxon	BG3	Zone			BG1 c	BG1 b	BG1 a
		BG2	c	b			
<u>Sarcobatus</u>	+	.	.	.	.	.	.
Ericaceae	+	+	.	.	.	+	.
<u>Arceuthobium campylopodium</u>	+	.	.	.	.	.	.
<u>Xanthium</u> -type	+	+	.	.	.	.	.
<u>Ambrosia</u> -type	.	+	.	.	.	+	.
 <u>Liguliflorae</u>	+	+	.	.	.	.	.
<u>Chenopodiinae</u>	+	+	+	+	+	+	.
<u>Urtica</u> -type	.	.	.	+	+	+	.
<u>Thalictrum</u>	+	+	+	.	.	+	.
<u>Vicia</u> -type	+	+	+	+	+	+	.
 <u>Phlox</u>	+	+	.	.	.	.	.
<u>Gilia</u>	+	+	+	+	+	+	.
<u>Polygonum convolvulus</u> -type	.	+	.	.	.	.	.
<u>P. raii</u> -type	19.4	.	+	.	.	.	.
<u>Polygonum</u> indeterminate	6.7	+	+	+	+	+	.
 <u>Eriogonum</u>	.	.	.	+	+	+	.
<u>Rumex</u>	2.2	+	+	.	.	1.5	.
<u>Linum</u>	+	+	.	.	.	.	.
Cruciferae	+	+	+	+	+	+	.
<u>Galium</u>	+	+	+	+	+	+	.

TABLE C. continued

Taxon	BG3	Zone BG2	BG1		
			c	b	a
<u>Mentha</u> -type	+	+	+	+	+
<u>Prunella</u> -type	.	+	.	.	+
Labiatae indeterminate	+	+	.	.	+
<u>Dodecatheon</u> -type	+	+	.	.	.
<u>Valerianella</u>	+
 <u>Plectritis</u>	.	.	.	+	.
<u>Mertensia</u>	+
Onagraceae	.	+	.	.	.
<u>Gentiana</u>	+
<u>Saxifraga</u> -type	+	+	+	.	.
 <u>Plantago lanceolata</u>	4.0
<u>Claytonia</u>	+	.	+	+	+
<u>Sphaeralcea</u>	+
Unknown C3P3 microreticulate	+	+	+	+	+
Unknown C3 reticulate	+	+	5.0	3.1	+
 Liliaceae	+	+	+	+	.
<u>Lysimachia thrysiflora</u>	.	.	.	+	.
Polypodiaceae	.	.	.	+	+
<u>Lycopodium obscurum</u> -type	+
<u>L. selago</u> -type	+

TABLE C. continued

Taxon	BG3	Zone BG2	BG1		
			c	b	a
<u>L. clavatum</u> -type	.	.	.	.	+
<u>Lycopodium</u> indeterminate	+	+	.	.	.
<u>Asplenium trichomanes</u> -type	.	.	.	.	+
<u>Athyrium</u> indeterminate	.	.	.	.	+
<u>Lysichiton americanum</u>	+	+	+	+	+
 <u>Equisetum</u>	+	+	53.5	2.3	+
<u>Typha latifolia</u>	+	.	.	.	+
<u>Sparganium</u> -type	+	.	+	+	.
<u>Nuphar</u>	+	.	.	.	.
Lemnaceae	.	.	+	.	.
 <u>Sagittaria</u>	+	.	.	.	.
<u>Potamogeton</u>	+	.	+	.	+
<u>Myriophyllum</u>	+	.	.	.	+
<u>Isoetes</u>	2.0	+	.	+	+

+ = less than 1.0 percent

Numbers stand for maximum percent of total pollen