

KEY TO THE DOUGLAS-FIR PLANT ASSOCIATIONS

- 1a. Salmonberry (RUSP) present.

PSME/RUSP/POMU
Page PSME 14
- 1b. Salmonberry (RUSP) absent.

2
- 2a. Parent material is serpentine, peridotite, or of serpentine character. Supports a complement of species normally found on serpentine.

3
- 2b. Non-serpentine like.

6
- 3a. Huckleberry oak (QUVA) usually present.

4
- 3b. Huckleberry oak (QUVA) usually absent.

5
- 4a. Shrub form of tanoak (LIDEE) and California laurel (UMCA) present.

PSME/QUVA-ARNE/XETE
Page PSME 16
- 4b. Shrub form of tanoak (LIDEE) and/or California laurel (UMCA) absent.

PSME/QUVA
Page PSME 18
- 5a. Incense-cedar (CADE27) present in the overstory and/or understory, with combined covers of greater than 5 percent. Tanoak (LIDEE) usually present. Grass cover, if present, is low.

PSME-CADE27-PIJE
Page PSME 20
- 5b. Incense-cedar (CADE27) present in the overstory and/or understory, with combined covers of less than 5 percent. Tanoak (LIDEE) absent. Grasses present, with grass cover greater than 30 percent.

PSME-CADE27
Page PSME 22
- 6a. Pinemat manzanita (ARNE) present.

PSME/ARNE-SWO
Page PSME 24
- 6b. Pinemat manzanita (ARNE) absent.

7
- 7a. Vine maple (ACCI) present, covers greater than 20 percent. Salal (GASH) present. White fir (ABCO) cover in the overstory and/or understory is less than 5 percent, combined.

PSME/ACCI-BENE2
Page PSME 26
- 7b. Vine maple (ACCI) absent; if present, covers less than 20 percent. Salal (GASH) absent. White fir (ABCO) covers in the overstory and/or understory are greater than 5 percent, combined.

8

- 8a. Salal (GASH) usually present with covers usually greater than 10 percent; or western sword-fern (POMU) usually present with covers usually greater than 5 percent. 9
- 8b. Salal (GASH) usually absent; if present, covers usually less than 10 percent. Western sword-fern (POMU) usually absent; if present, covers less than 5 percent. 12
- 9a. Pacific rhododendron (RHMA3) usually present. 10
- 9b. Pacific rhododendron (RHMA3) usually absent. 11
- 10a. Golden chinquapin (CACH6), canyon live oak (QUCH2), and Pacific madrone (ARME) usually more consistently present, and tanoak (LIDE3) usually with higher covers, than dicotomy 10b. Pacific rhododendron (RHMA3) cover usually less than 20 percent. Salal (GASH) constancy 69 percent, average cover 35 percent; Pacific rhododendron (RHMA3) constancy 50 percent, average cover 16 percent; common beargrass (XETE) constancy 75 percent, average cover 2 percent. PSME-CACH6/BENE2
Page PSME 28
- 10b. Golden chinquapin (CACH6), canyon live oak (QUCH2), and Pacific madrone (ARME) usually less consistently present, and tanoak (LIDE3) usually with lower covers, than dicotomy 10a. Pacific rhododendron (RHMA3) cover usually greater than 20 percent. Salal (GASH) constancy 100 percent, average cover 56 percent; Pacific rhododendron (RHMA3) constancy 100 percent, average cover 53 percent; common beargrass (XETE) constancy 95 percent, average cover 6 percent. PSME/GASH-RHMA3
Page PSME 30
- 11a. Salal (GASH) cover greater than 35 percent. Dwarf Oregongrape (BENE2) cover greater than 15 percent. Western sword-fern (POMU) cover less than 10 percent. PSME/GASH-BENE2
Page PSME 32
- 11b. Salal (GASH) cover less than 35 percent. Dwarf Oregongrape (BENE2) cover less than 15 percent. Western sword-fern (POMU) cover greater than 10 percent. PSME/BENE2/POMU
Page PSME 34

PSME 12

- 12a. Canyon live oak (QUCH2) present, with covers usually greater than 5 percent. 13
- 12b. Canyon live oak (QUCH2) absent; if present, covers usually less than 5 percent. 15
- 13a. Tanoak (LIDE3) present, with covers usually greater than 5 percent. Poison oak (RHDI6) usually absent. PSME-QUCH2-LIDE3
Page PSME 36
- 13b. Tanoak (LIDE3) usually absent. Poison oak (RHDI6) usually present, with covers usually greater than 5 percent. PSME-QUCH2/RHDI6
Page PSME 38
- 13c. Tanoak (LIDE3) usually absent. Poison oak (RHDI6) usually absent; if present, covers are less than 5 percent. 14
- 14a. California black oak (QUKE) present. PSME-QUKE/RHDI6
Page PSME 40
- 14b. California black oak (QUKE) absent. PSME-QUCH2/BENE2
Page PSME 42
- 15a. Ponderosa pine (PIPO) present in the overstory and/or understory with combined covers of usually greater than 10 percent. 16
- 15b. Ponderosa pine (PIPO) absent; if present in the overstory and/or understory, combined covers are usually less than 10 percent. 18
- 16a. White fir (ABCO) present. 17
- 16b. White fir (ABCO) rarely present; if present, covers are very low. PSME-PIPO/RHDI6
Page PSME 44
- 17a. Incense-cedar (CADE27) present in the overstory and/or understory; combined covers usually greater than 5 percent. Poison oak (RHDI6) usually present, with covers greater than 2 percent. PSME-CADE27/BEPI2
Page PSME 46
- 17b. Incense-cedar (CADE27) usually absent; if present, covers are low. Poison oak (RHDI6) usually absent. PSME-ABCO/SYMO
Page PSME 48

18a. White fir (ABCO) present.

PSME-ABCO
Page PSME 50

18b. White fir (ABCO) absent.

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19a. Whipplevine (WHMO) usually present, covers greater than 10 percent. Creambush oceanspray (HODI) usually present, covers greater than 10 percent.

PSME/HODI/WHMO-SWO
Page PSME 52

19b. Whipplevine (WHMO) usually absent; if present, covers less than 10 percent. Creambush oceanspray (HODI) usually absent; if present, covers less than 5 percent.

PSME/DRY SHRUB
Page PSME 54