df. 17

date (2022-25-7):

lat:47.555057 N

long: 122.252316 W

dbh (inches): 48

height (feet): 4ft/18ft

failureMode (phaeolus, armillaria, clean uproot): armillaria

notes:salmon berry(1), blackberry(10), salal(6),

branches.small (<2"):

branches.large (>2"): 15

groundContact (decimal fraction):50%

   cross.section (10’ from failure: round|oval|depleted):round

bark (decimal fraction): 95%

wood.texture (hard, some soft, soft & powdery):some soft

wood.structure (normal, blocky, strandy, spongy): stingy

wood.color ([light|middle|dark] [brown|red-brown]): middle brown-red

moss (decimal fractional coverage): 60%

broadLeafForbs (decimal fractional coverage):

ferns (count): 1 sword fern

woody.seedlings (count < 1"):

cedar: 1

hemlock:

redHuckleberry:3

evergreenHuckleberry:

maple: 4

doug fir: 1

black oak: 1

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df. 18

date (2022-7-25):

lat:

long:

dbh (inches):

height (feet):

failureMode (phaeolus, armillaria, clean uproot):

notes:

branches.small (<2"):

branches.large (>2"):

groundContact (decimal fraction):

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction):

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage):

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df.18

date (2022-07-26):

lat: 47.556937 N

long: 122.250766 W

dbh (inches): 52 in

height (feet): Snapped at 17ft

failureMode (phaeolus, armillaria, clean uproot): laminated root rot w/ opportunistic schweinitzii?

notes:

branches.small (<2"):1

branches.large (>2"):11

groundContact (decimal fraction): supported but with shatter from fall

   cross.section (10’ from failure: round|oval|depleted):round

bark (decimal fraction): intact

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage): none

broadLeafForbs (decimal fractional coverage): 80

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

native blackberry: 80%

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df.19

date (2022-07-26):

lat: 47.557247 N

long: 122.251254 W

dbh (inches):52in

height (feet):

failureMode (phaeolus, armillaria, clean uproot): laminated root rot w/cubical rot

notes:

branches.small (<2"):

branches.large (>2"):

groundContact (decimal fraction): 3%

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction): mostly intact 70%

wood.texture (hard, some soft, soft & powdery): soft/powdery

wood.structure (normal, blocky, strandy, spongy): spongy

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage): 80%

broadLeafForbs (decimal fractional coverage):

ferns (count): licorice

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry: 1

evergreenHuckleberry:

Salmonberry: 2

Native blackberry: 1

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

bigleaf maple: 1

df. 20

date (2022-07-26):

lat: 47.554582 N

long: 122.250449 W

dbh (inches): 61 in

height (feet): roots

failureMode (phaeolus, armillaria, clean uproot):clean uproot

notes:100 years

branches.small (<2"):1

branches.large (>2"):10

groundContact (decimal fraction): complete

   cross.section (10’ from failure: round|oval|depleted):round/some oval toward top

bark (decimal fraction): 40%

wood.texture (hard, some soft, soft & powdery): some soft

wood.structure (normal, blocky, strandy, spongy): slightly spongey

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage):60%

5

broadLeafForbs (decimal fractional coverage):

Ferns: 10

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

blackberry: 2

Salmon berry?

Salal: 15

df. 21

date (2022-07-26):

lat: 47.554563 N

long: 122.25049 W

dbh (inches):

height (feet): roots

failureMode (phaeolus, armillaria, clean uproot): base red cubical rot

notes:little roots

branches.small (<2"):2

branches.large (>2"):15

groundContact (decimal fraction): complete

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction): 60%

wood.texture (hard, some soft, soft & powdery): soft

wood.structure (normal, blocky, strandy, spongy): spongy

wood.color ([light|middle|dark] [brown|red-brown]):mid-brown

moss (decimal fractional coverage): 80%

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

rendHuckleberry: 1

salal: 8

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df.22

date (2022-07-27):

lat: 47.554122 N

long:122.250352 W

dbh (inches):39in

height (feet):

failureMode (phaeolus, armillaria, clean uproot): wind throw

notes:49 Degrees N/ 193ft altitude

branches.small (<2"):

branches.large (>2"):

groundContact (decimal fraction):

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction):

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage):

broadLeafForbs (decimal fractional coverage):

ferns (count): 5

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

salal: 6

blackberry: 1

maple: 5

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df.23

date (2022-07-27):

lat: 47.558460 N

long: 122.251971 W

dbh (inches):20ft snap

height (feet): 27

failureMode (phaeolus, armillaria, clean uproot):armillaria

notes:155 degrees SE – round cross section. Fell across trail

branches.small (<2"):

branches.large (>2"):10

groundContact (decimal fraction): 80% contact 20% supported

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction):intact

wood.texture (hard, some soft, soft & powdery): hard

wood.structure (normal, blocky, strandy, spongy): normal

wood.color ([light|middle|dark] [brown|red-brown]):light brown/red-brown at base

moss (decimal fractional coverage):80%

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

trailing blackberry: 1

evergreenHuckleberry:

df.024

date (2022-07-27):

lat: 47.558787

long: 122.250994

dbh (inches): 41

height (feet):

failureMode (phaeolus, armillaria, clean uproot): clean uproot

notes: north of bench, other side of trail, big maple & hemlock growing out of root ball

com

branches.small (<2"):

branches.large (>2"): 3

groundContact (decimal fraction): 1.0

   cross.section (10’ from failure: round|oval|depleted): round

bark (decimal fraction):intact 50

wood.texture (hard, some soft, soft & powdery): soft

wood.structure (normal, blocky, strandy, spongy): strandy

wood.color ([light|middle|dark] [brown|red-brown]): light brown

moss (decimal fractional coverage):75%

broadLeafForbs (decimal fractional coverage):

ferns (count): 15

woody.seedlings (count < 1"):

cedar:

hemlock: 1

Maple: 1

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

salal: 5

df.025

date (yyyy-mm-dd):2022-07-27

lat: 47.558855

long: 122.250952

notes: near woodpecker sculpture tree, broken off very near base

dbh (inches): 28

height (feet): 2

failureMode (phaeolus, armillaria, clean uproot): phaeolus

notes:

branches.small (<2"):0

branches.large (>2"):0

groundContact (decimal fraction): 1.0

   cross.section (10’ from failure: round|oval|depleted): lots of sag, still round

bark (decimal fraction): .45

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage): .45

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:1

evergreenHuckleberry:2

salal: 12

sword ferns:

df.

date (yyyy-mm-dd):

lat:

long:

dbh (inches):

height (feet):

failureMode (phaeolus, armillaria, clean uproot):

notes:

branches.small (<2"):

branches.large (>2"):

groundContact (decimal fraction):

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction):

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage):

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df.

date (yyyy-mm-dd):

lat:

long:

dbh (inches):

height (feet):

failureMode (phaeolus, armillaria, clean uproot):

notes:

branches.small (<2"):

branches.large (>2"):

groundContact (decimal fraction):

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction):

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage):

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df.

date (yyyy-mm-dd):

lat:

long:

dbh (inches):

height (feet):

failureMode (phaeolus, armillaria, clean uproot):

notes:

branches.small (<2"):

branches.large (>2"):

groundContact (decimal fraction):

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction):

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage):

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df.

date (yyyy-mm-dd):

lat:

long:

dbh (inches):

height (feet):

failureMode (phaeolus, armillaria, clean uproot):

notes:

branches.small (<2"):

branches.large (>2"):

groundContact (decimal fraction):

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction):

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage):

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df.

date (yyyy-mm-dd):

lat:

long:

dbh (inches):

height (feet):

failureMode (phaeolus, armillaria, clean uproot):

notes:

branches.small (<2"):

branches.large (>2"):

groundContact (decimal fraction):

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction):

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage):

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df.

date (yyyy-mm-dd):

lat:

long:

dbh (inches):

height (feet):

failureMode (phaeolus, armillaria, clean uproot):

notes:

branches.small (<2"):

branches.large (>2"):

groundContact (decimal fraction):

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction):

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage):

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df.

date (yyyy-mm-dd):

lat:

long:

dbh (inches):

height (feet):

failureMode (phaeolus, armillaria, clean uproot):

notes:

branches.small (<2"):

branches.large (>2"):

groundContact (decimal fraction):

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction):

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage):

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df.

date (yyyy-mm-dd):

lat:

long:

dbh (inches):

height (feet):

failureMode (phaeolus, armillaria, clean uproot):

notes:

branches.small (<2"):

branches.large (>2"):

groundContact (decimal fraction):

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction):

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage):

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

df.

date (yyyy-mm-dd):

lat:

long:

dbh (inches):

height (feet):

failureMode (phaeolus, armillaria, clean uproot):

notes:

branches.small (<2"):

branches.large (>2"):

groundContact (decimal fraction):

   cross.section (10’ from failure: round|oval|depleted):

bark (decimal fraction):

wood.texture (hard, some soft, soft & powdery):

wood.structure (normal, blocky, strandy, spongy):

wood.color ([light|middle|dark] [brown|red-brown]):

moss (decimal fractional coverage):

broadLeafForbs (decimal fractional coverage):

ferns (count):

woody.seedlings (count < 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry:

woody.sapplings (count >= 1"):

cedar:

hemlock:

redHuckleberry:

evergreenHuckleberry: