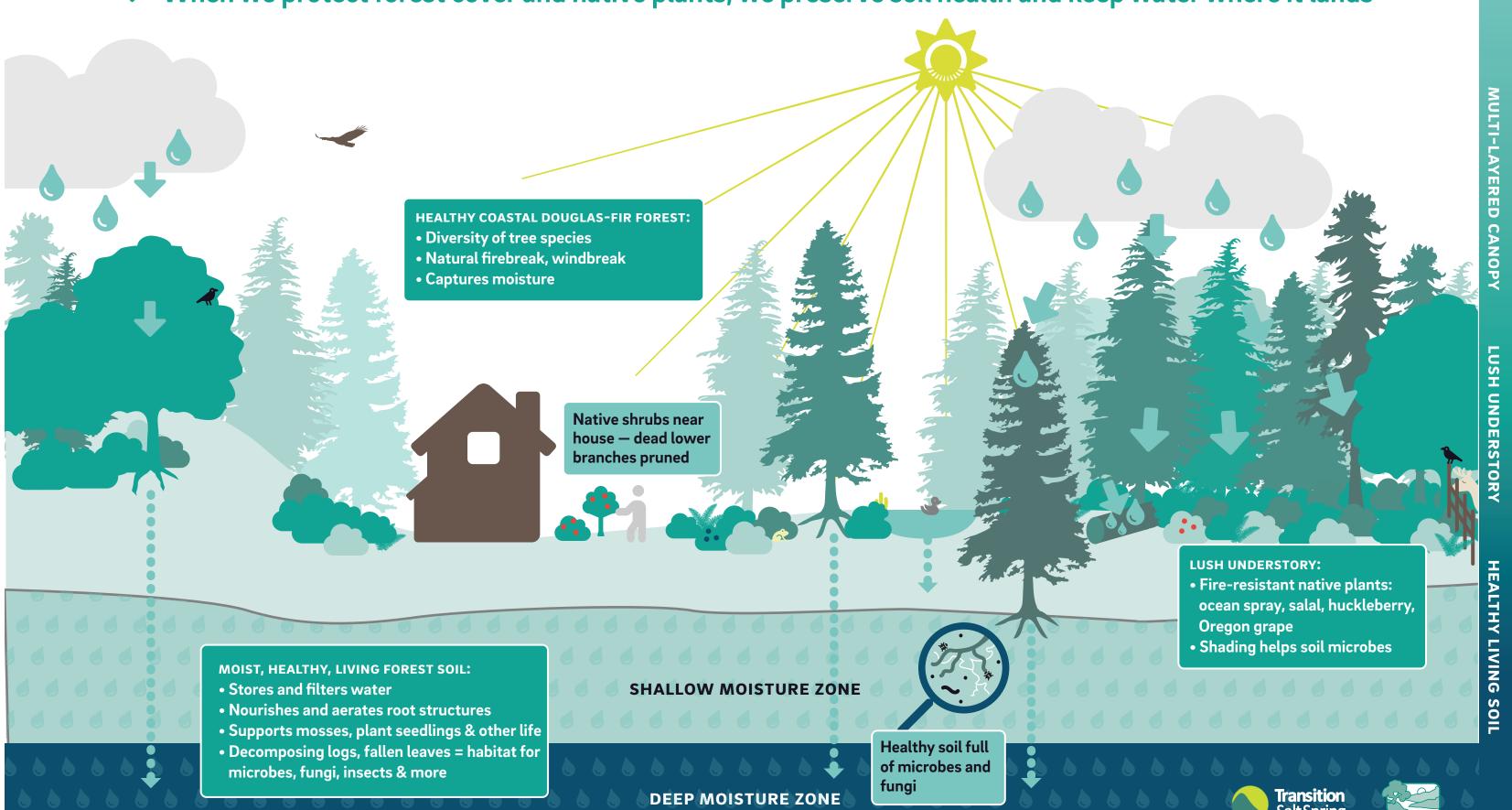
COASTAL DOUGLAS-FIR FORESTS: Reducing Risk in Our Communities

✓ When we protect forest cover and native plants, we preserve soil health and keep water where it lands



COASTAL DOUGLAS-FIR FORESTS: Reducing Risk in Our Communities

X When forest is fragmented or stressed, water loss is more rapid, increasing the risk of 6 fire 0 drought & 6 flooding LACK OF FOREST COVER: • Increased wind exposure, erosion and associated risks Stressed cedar Dead wood in dry landscape = fire fuel with dead top, Limbed trees expose roots to hot sun exposed to sun FRAGMENTED/LOST Dead boughs or leaning wood create pathway for fire #1 fire risk = LACK OF GROUND COVER: burn piles • Soil can't capture water, leading to runoff DEAD, COMPACTED SOIL and slash • Without deer fencing, unchecked deer population remove understory • Broom and gorse, fire accelerants, spread where **SHALLOW MOISTURE ZONE** forest cover and understory have been lost **DRIED OUT** • Dead roots can continue to burn after a fire Dead soil devoid and later reignite of microbes and

fungi

Transition