

Drivers	Processes (interactions)	Patterns to be merged	Emerging properties
Plant species Soil Root age Drought		Roots, Pore size, Organic matter, Microorganisms, Transport proteins, Water	<b>Water availability</b>
Plant species Soil Root age Nutrient content		Roots, Exudates, Mineral matrix, Elements, Stable isotopes, Organic matter, Microorganisms, Transport proteins, Water	<b>Nutrient availability</b>
Plant species Soil Root age Structure		Roots, Mineral matrix, Elements, Stable isotopes, Specific organic components, Microorganisms, Water	<b>Soil structure</b>
Plant species Soil Root age Microbiome composition		Roots, Mineral matrix, Elements, Stable isotopes, Specific organic components, Exudates, Signaling substances, Hormones, Pore size, Microorganisms, Water	<b>Plant health</b>

# Pattern Dynamics A Theory Of Selforganization

**M Mosston**



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