

Sand dunes are extremely hostile for plants:

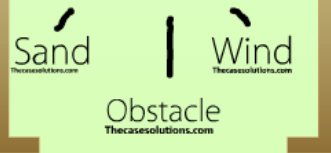
- Dry (sand drains rapidly)
- Strong Winds
- Salt
- No soil

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Sand Hill Angels: To Fund or Not to Fund

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Factors required for sand dune formation

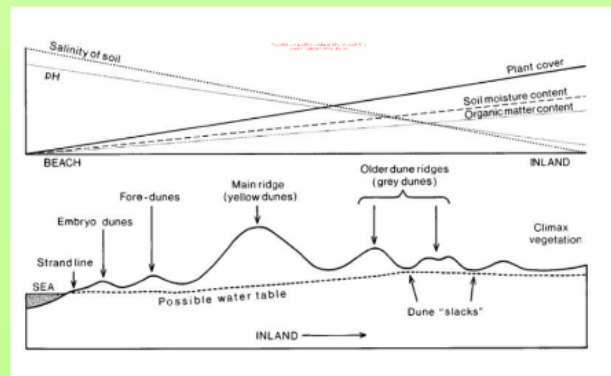


Woodland / Heath

Halophytic - Salt tolerant

Hydrophytic - Water loving

Xerophytic - can survive dry conditions



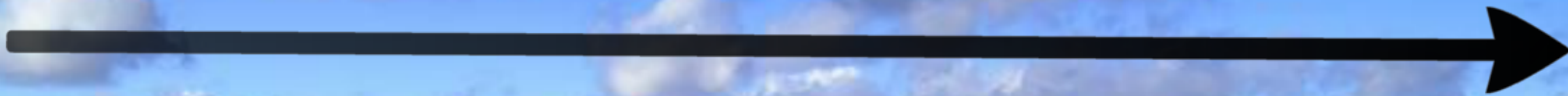
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Pioneer

Building

Climax



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Factors required for
sand dune formation

Sand | Wind

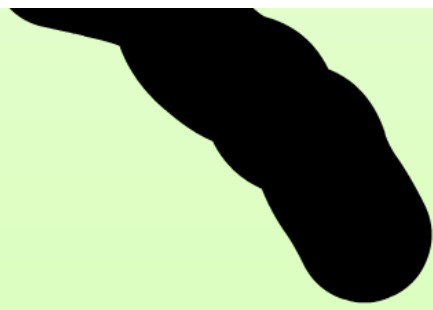


Sand

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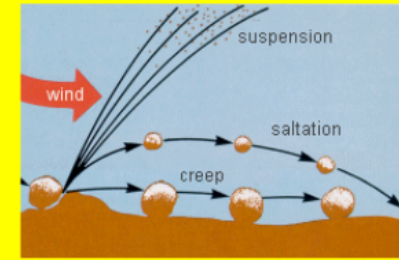
Obstacle

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Wind

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Strandline (where sea meets land)

- Sand "bounced" up the beach by the process of saltation
- Obstacle (seaweed) traps sand allowing sand dune to develop
- Adds a little humus as it decomposes

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Embryo