



MOBILE DUNES		FIXED DUNES	
<ul style="list-style-type: none"> <li>- wide foreshore</li> <li>- large sand supply</li> <li>- onshore winds</li> <li>- sand moved by saltation</li> <li>- obstacles aid accumulation of sand</li> <li>- embryo dunes grow aid by pioneer plants.</li> <li>- Lyme grass, Couch grass</li> <li>Xero phytes</li> <li>Halo phytes</li> </ul>	<ul style="list-style-type: none"> <li>- No Nutrients</li> <li>- Alkaline soils</li> <li>- Dry conditions</li> <li>- Water table low</li> <li>- Plants Adapter</li> <li>Early Colonisers</li> <li>- hardy</li> <li>- many seeds</li> <li>- deep roots</li> <li>- rhizomes</li> <li>- thin curled leaves</li> <li>Marram grass</li> </ul>	<ul style="list-style-type: none"> <li>- cover increases</li> <li>- more sand accumulates</li> <li>- more biodiversity</li> <li>- sea rocket</li> <li>Vegetation may be destroyed by fire or overgrazing = Secondary succession.</li> </ul>	<ul style="list-style-type: none"> <li>- Late colonisers fix the dunes</li> <li>- Greater organic matter in dunes give greater cover and greater variety</li> <li>- buck thorn</li> <li>- heather</li> <li>- orchids</li> <li>- perennials</li> </ul>
		<p>WATER TABLE</p>	
		<ul style="list-style-type: none"> <li>- Destruction of dune vegetation may lead to a blowout.</li> <li>- Sand removed</li> <li>- Water table exposed</li> <li>- Marshy area develops</li> <li>- iris</li> <li>- rush</li> <li>- reeds</li> </ul>	
		<ul style="list-style-type: none"> <li>- Sea buck thorn</li> <li>- Scrub bushes</li> <li>- Heather</li> <li>- Oak, ash + birch woodland</li> <li>- Climatic Climax Community</li> <li>- end of succession after increase in soil depth and fertility.</li> <li>- Fall in biodiversity at end of succession</li> </ul>	

**SERIAL STAGES**

