Indigenous alternatives to alien plants in the garden

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What is an alien invasive species?

- introduced by humans to an area outside its natural range
- where it establishes and spreads
- causing harm to the environment

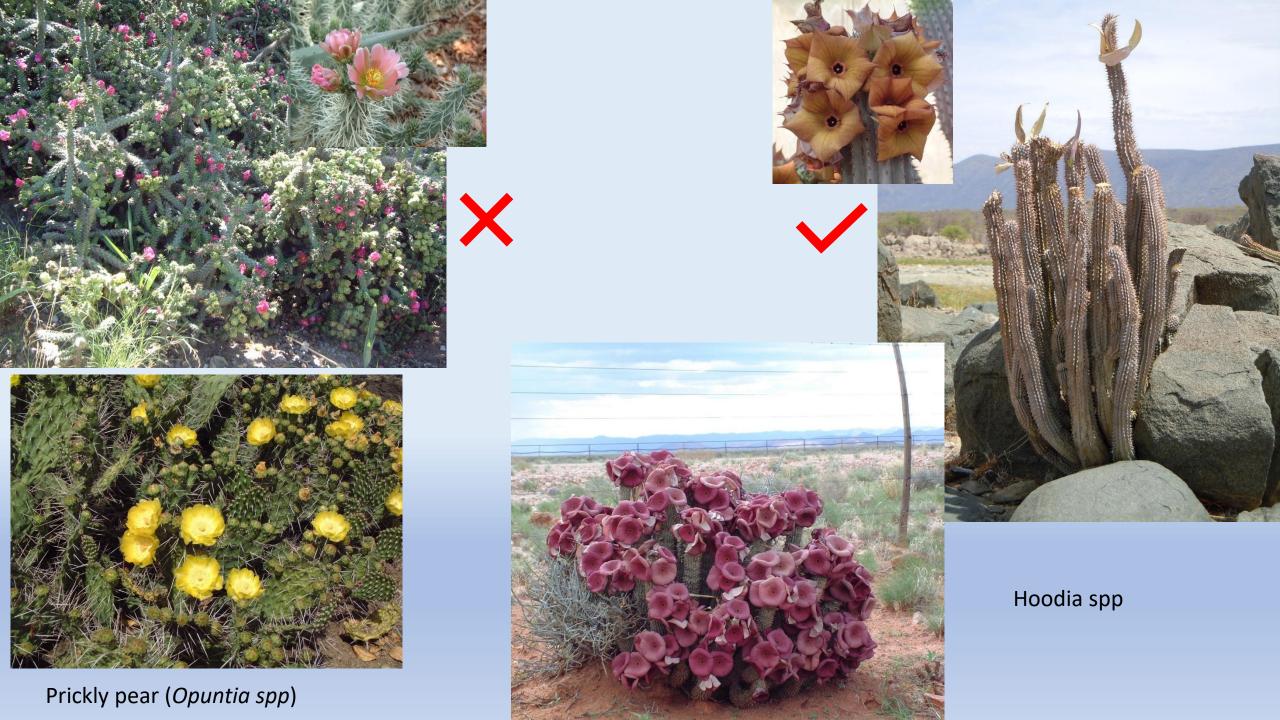
Not all alien species are bad INVASIVE!!

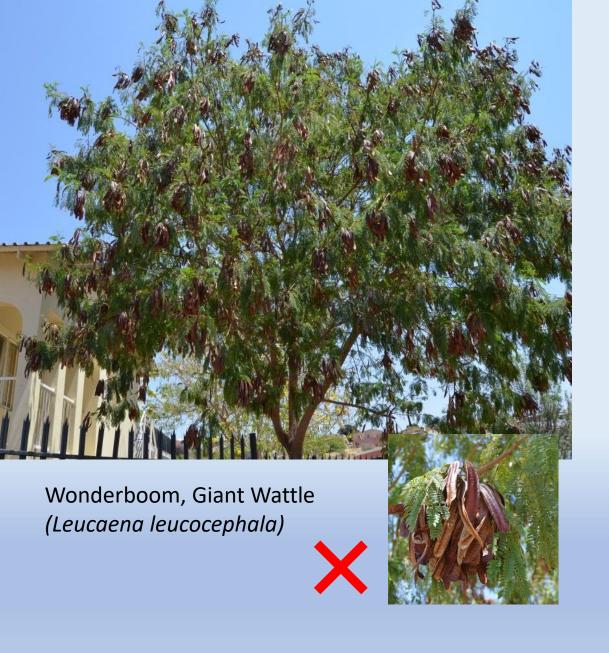
Negative effect of alien invasive plants

- significant threat to biodiversity
- compete for resources (light, water, nutrients) with indigenous species
- displace indigenous species
- often alternate soil structure
- disrupt ecosystems
- causes loss of biodiversity
- threat to human health/well being
- negative impacts on the economy (agric productivity, control)
- SA: R1.5 bio annually (12 000 15 000 R per ha)
- IUCN red list: 1 in 10 species are threatened by invasive alien species (International Union for Conservation of Nature, 2022)

Advantages of indigenous species

- Belong in this area
- Adapted to local soils and conditions
- Need less water
- Hardier than alien species
- No threat to the environment









Huilboom (Peltophorum africanum)



Yellow Bells (*Tecoma stans*)

Golden Bell-bean











Simple-leaved Rhigozum (Rhigozum brevispinosum)



Fountain grass (Pennisetum setaceum)







Buffalo grass (Cenchrus ciliaris)



Lantana (Lantana camara)







Bushman Poison (Adenium boehmianum)

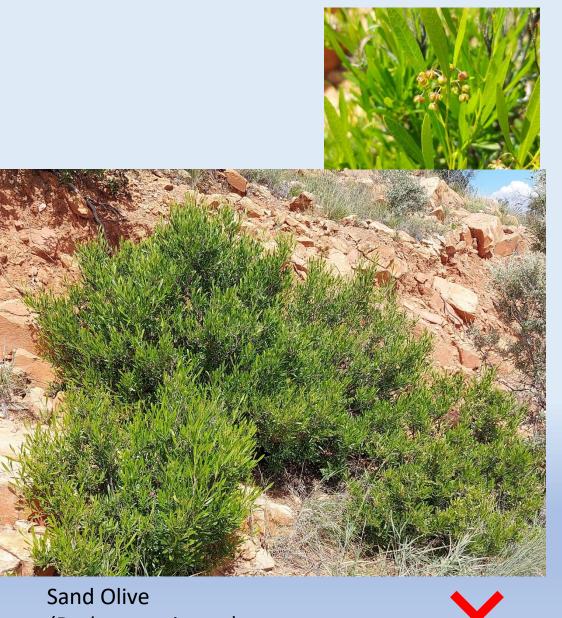


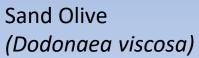




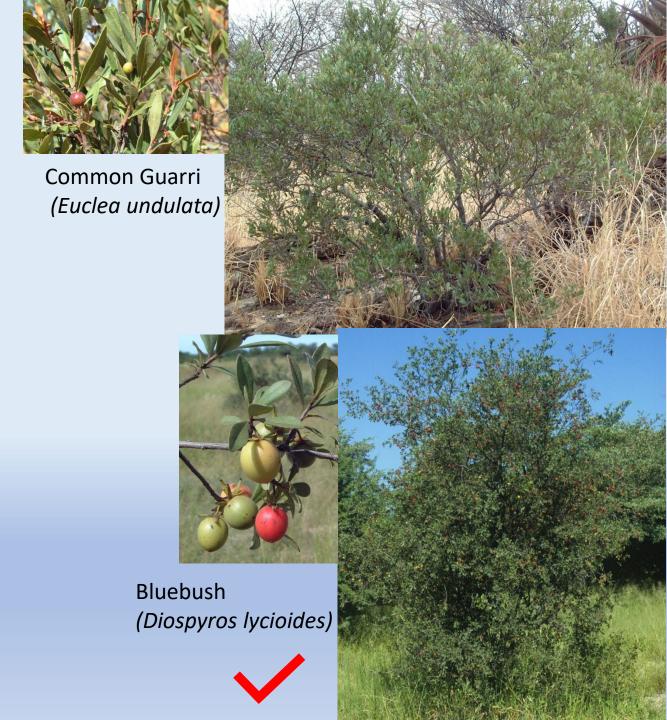


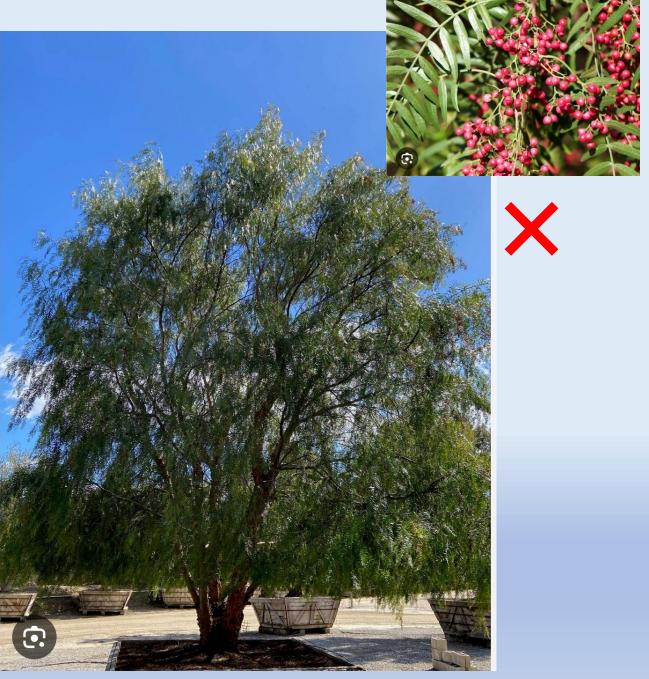












Pepper tree (Schinus molle)



Ebony tree (Euclea pseudebenus)



Indian Moringa (Moringa oleifera)



Moringa (Moringa ovalifolia)

More info:

BotSoc poster range of alien invasive plants Alien invasive working group

Thank you!

