

# THE 48 HIGHLY INVASIVE/ POTENTIALLY INVASIVE ALIEN PLANTS

## BE ALERT!!!

### What are Invasive Alien Plants?

Alien Plants are those that have been introduced intentionally or unintentionally to an area where they don't occur naturally. Invasive aliens establish, spread and take over from indigenous plant species and some use up a lot of water. Namibia has recorded 287 alien plant species. The 48 most important ones are illustrated below.



*Salvinia molesta*  
Kariba weed



*Cenchrus biflorus*  
Birdwood grass



*Pennisetum setaceum*  
Fountain grass



*Pennisetum clandestinum*  
Kikuyu grass



*Amaranthus hybridus*  
Smooth pigweed



*Alternanthera pungens*  
Paperthorn



*Bidens bipinnata*  
Blackjack



*Flaveria bidentis*  
Smelter's bush



*Tagetes minuta*  
Khaki weed



*Datura innoxia*  
Downy thorn apple



*Datura ferox*  
Large thorn apple



*Datura stramonium*  
Common thorn apple



*Argemone ochroleuca/*  
*Argemone subfusiformis*  
Prickly poppy



*Withania somnifera*  
Winter cherry



*Agave americana*  
American agave



*Agave sisalana*  
Sisal



*Euphorbia tiraculli*  
Rubber euphorbia



*Cylindropuntia imbricata*  
Devil's rope cactus



*Cylindropuntia fulgida* var. *mamillata*  
Boxing glove cactus



*Cylindropuntia pallida*  
Rosea cactus



*Harrisia martinii*  
Moon cactus



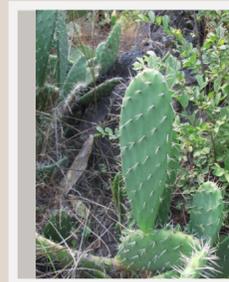
*Harrisia pomanensis*  
Midnight lady



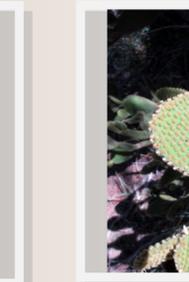
*Opuntia engelmannii*  
Small round-leaved prickly pear



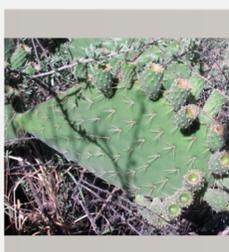
*Opuntia engelmannii* var. *linguiformis*  
Cow's tongue cactus



*Opuntia ficus-indica*  
Sweet prickly pear



*Opuntia microdasys*  
Bunny-ear prickly pear



*Opuntia spinulifera*  
Saucepan cactus



*Opuntia stricta*  
Common pest pear

- Use this poster to recognize Invasive alien plants
- Report them. Use the Atlasing in Namibia App
- Do not plant them.
- Remove them from your area.
- Save our natural environment from alien plant invasion



*Opuntia sulphurea*  
Brown-spined prickly pear



*Opuntia rufida*  
Blind Prickly Pear



*Tephrocactus articulatus*  
Pine cone cactus



*Schinus molle*  
Pepper tree



*Cryptostegia grandiflora*  
Rubber vine



*Tecoma stans*  
Yellow bells



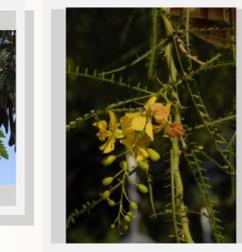
*Ricinus communis*  
Castor oil plant



*Caesalpinia gilliesii*  
Bird of paradise



*Leucaena leucocephala*  
Wonderboom



*Parkinsonia aculeata*  
Jerusalem thorn



*Prosopis* species  
Mesquite / Prosopis



*Melia azedarach*  
Syringa tree



*Morus alba*  
White mulberry tree



*Moringa oleifera*  
Moringa



*Psidium guajava*  
Guava



*Eucalyptus* species  
Gum



*Dodonaea viscosa* var. *angustifolia*  
Sand olive



*Nicotiana glauca*  
Wild tobacco



*Solanum seaforthianum*  
Potato creeper



*Lantana camara*  
Lantana

# YOU AS A CITIZEN SCIENTIST CAN HELP US ATLAS 36 ALIEN PLANTS INVADING NAMIBIA

## 1. What is citizen science?

"the collection and analysis of data relating to the natural world by members of the general public, typically as part of a collaborative project with professional scientists"

## 2. What is Atlasing in Namibia?

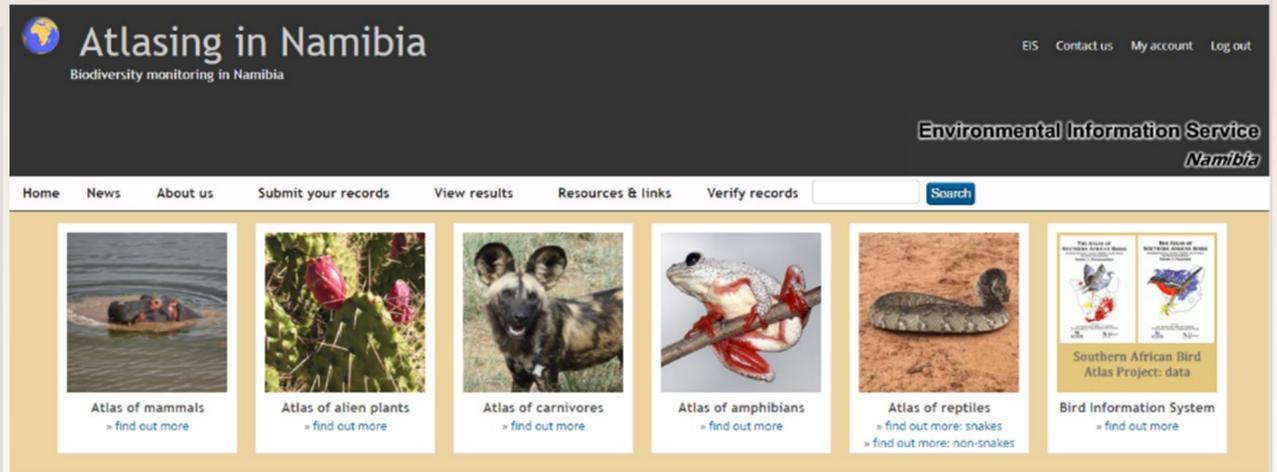
Atlasing in Namibia is a Citizen science programme, for Biodiversity recording:

- ⇒ Alien plants
- ⇒ Mammals
- ⇒ Snakes
- ⇒ Other reptiles
- ⇒ Frogs and toads

## 3. What do you need to take part?

Atlasing in Namibia Application

Or Atlasing in Namibia website

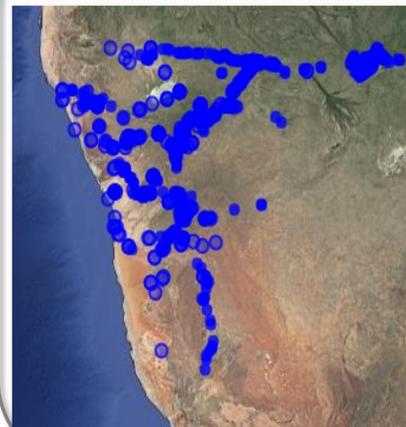


## 4. Why is your help needed to atlas Invasive Alien plants?

To help us map their distribution and to monitor their spread in Namibia.

- To accurately identify the plants and detect them early enough to control them
- To produce up-to-date information to help us determine the rate of invasion.
- To better manage, control and eradicate them.

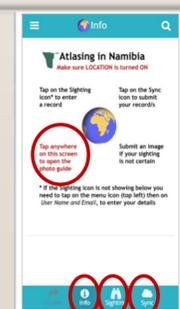
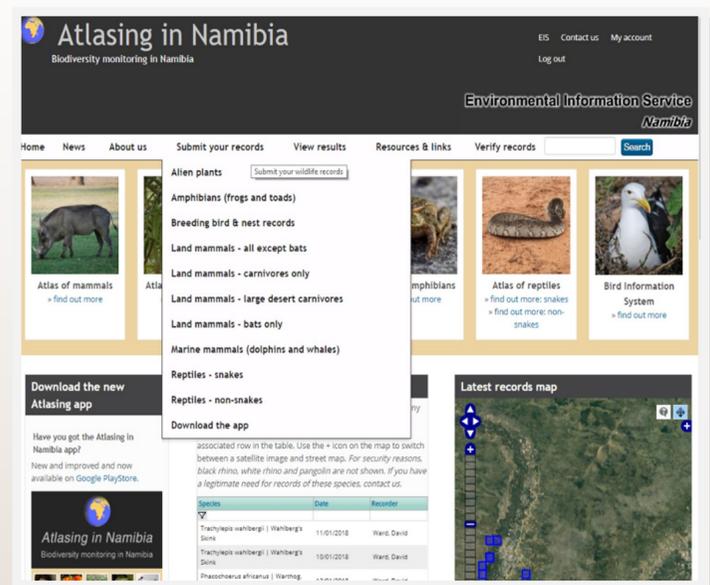
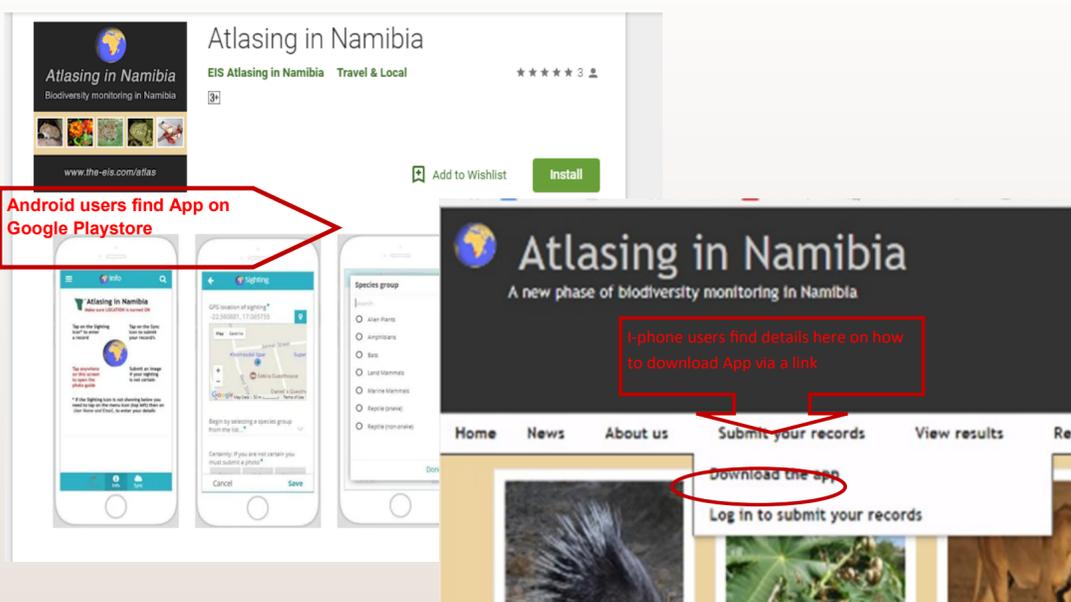
## 5. What has been recorded so far on the 36 most invasive alien plant species?



Currently the App deals with 36 species. The data collected help us to map their distribution. These 36 species are quite widespread as can be seen on the map.

## 6. How can you contribute via the app or website?

- A. Download the **Atlasing in Namibia** Application onto your smartphone **OR** B. Register on the website <http://www.the-eis.com/atlas/> and submit records there



**NB!!!!** The App only requires your GPS to be turned on. No internet access is needed to record sightings. Internet access is only required when synchronising the sightings you have already recorded. The App has an easy to use Alien Plant guide that can help you. When submitting record via the website, the GPS coordinates are required.