

THE 48 HIGHLY INVASIVE/ POTENTIALLY INVASIVE ALIEN PLANTS

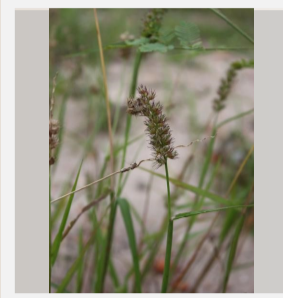
BE ALERT!!!

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



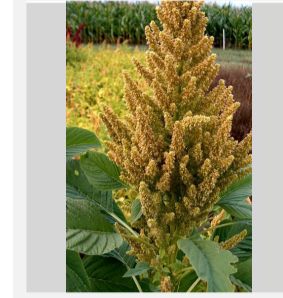
Cenchrus biflorus
Birdwood grass



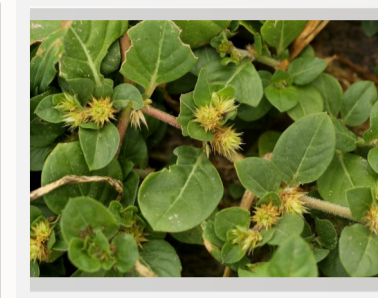
Pennisetum setaceum
Fountain grass



Pennisetum clandestinum
Kikuyu grass



Amaranthus hybridus
Smooth pigweed



Alternanthera pungens
Paperthorn



Bidens bipinnata
Blackjack



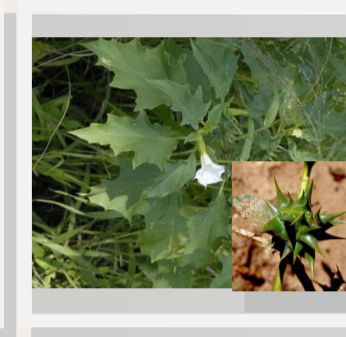
Flaveria bidentis
Smelter's bush



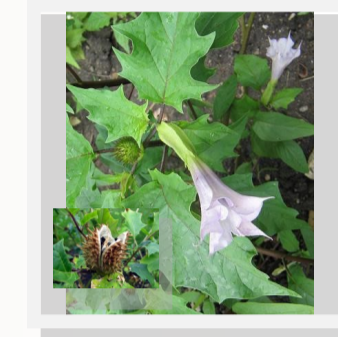
Tagetes minuta
Khaki weed



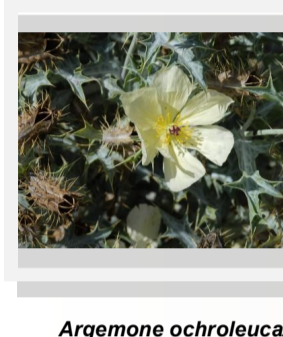
Datura innoxia
Downy thorn apple



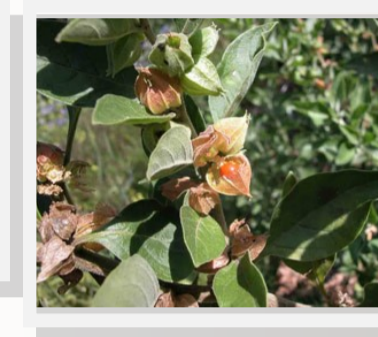
Datura ferox
Large thorn apple



Datura stramonium
Common thorn apple



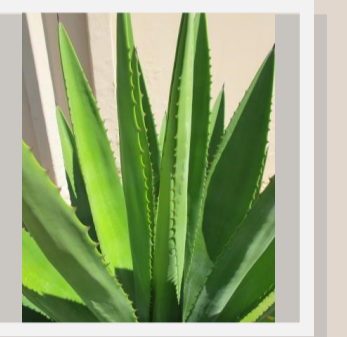
Argemone ochroleuca/
Argemone subfusiformis
Prickly poppy



Withania somnifera
Winter cherry



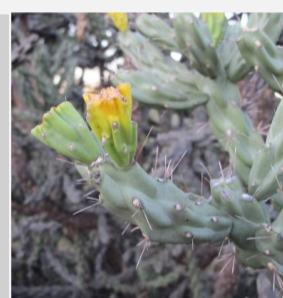
Agave americana
American agave



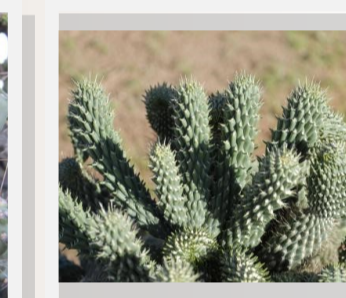
Agave sisalana
Sisal



Euphorbia tiracullii
Rubber euphorbia



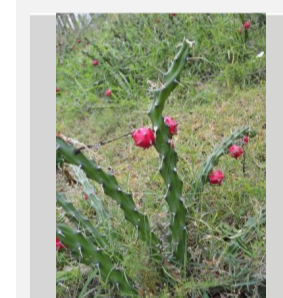
Cylindropuntia imbricata
Devil's rope cactus



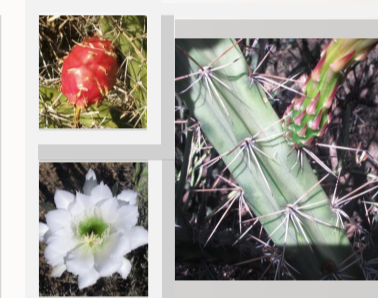
Cylindropuntia fulgida var. *mamillata*
Boxing glove cactus



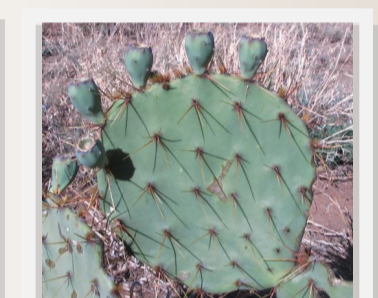
Cylindropuntia pallida
Rosea cactus



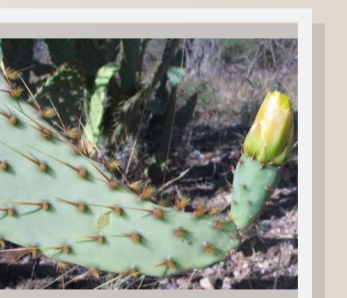
Harrisia martinii
Moon cactus



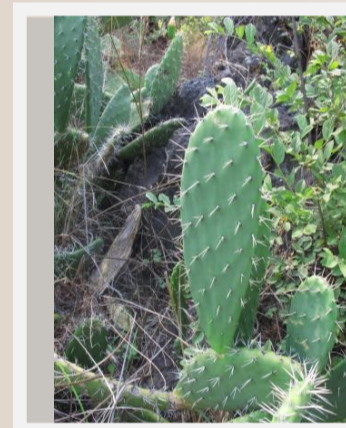
Harrisia pomanensis
Midnight lady



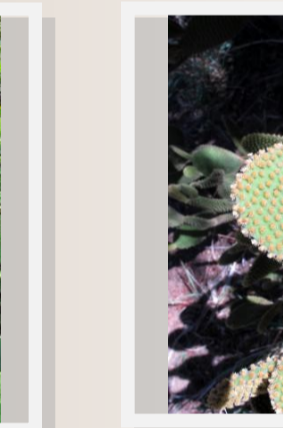
Opuntia engelmannii
Small round-leaved prickly pear



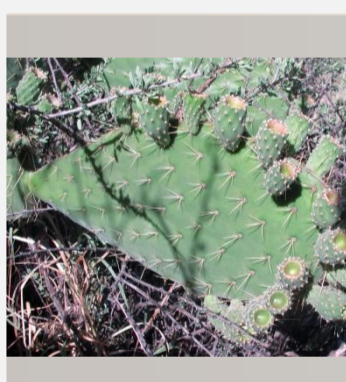
Opuntia engelmannii var. *linguiformis*
Cow's tongue cactus



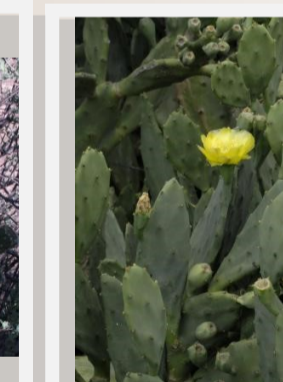
Opuntia ficus-indica
Sweet prickly pear



Opuntia microdasys
Bunny-ear prickly pear



Opuntia spinulifera
Saucepan cactus



Opuntia stricta
Common pest pear

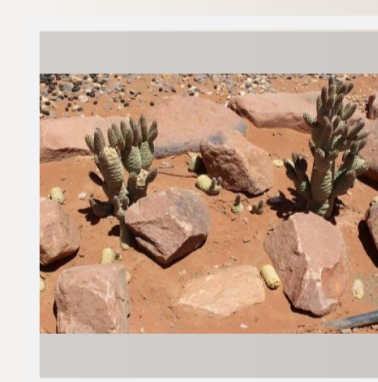
- Use this poster to recognize Invasive alien plants
- Report them. Use the Atlasing in Namibia App
- Do not plant them.
- Remove them from your area.
- Save our natural environment from alien plant invasion



Opuntia sulphurea
Brown-spined prickly pear



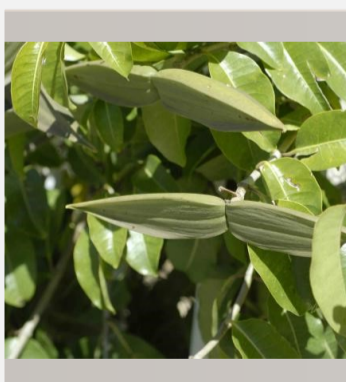
Opuntia rufida
Blind Prickly Pear



Tephrocactus articulatus
Pine cone cactus



Schinus molle
Pepper tree



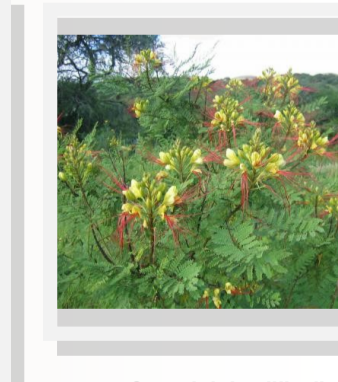
Cryptostegia grandiflora
Rubber vine



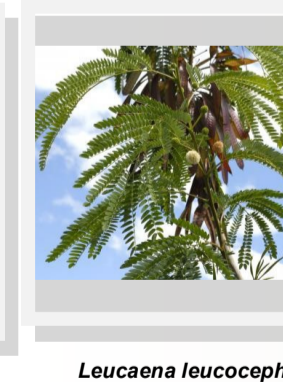
Tecoma stans
Yellow bells



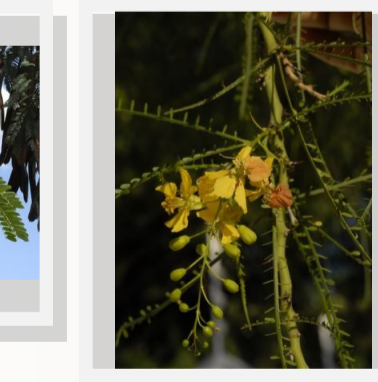
Ricinus communis
Castor oil plant



Caesalpinia gilliesii
Bird of paradise



Leucaena leucocephala
Wonderboom



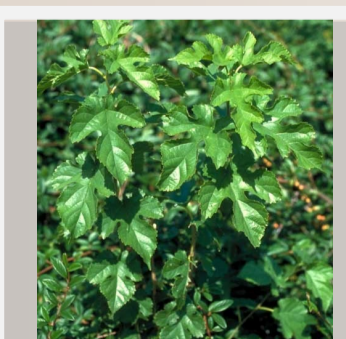
Parkinsonia aculeata
Jerusalem thorn



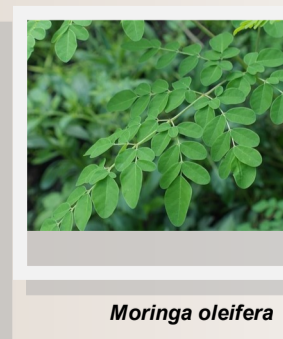
Prosopis species
Mesquite / Prosopis



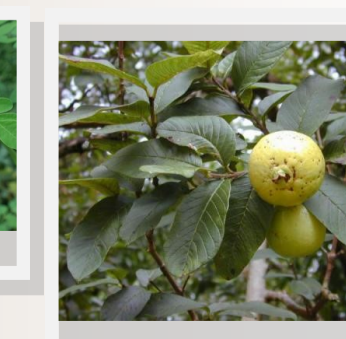
Melia azedarach
Syringa tree



Morus alba
White mulberry tree



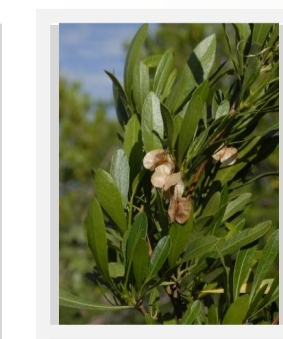
Moringa oleifera
Moringa



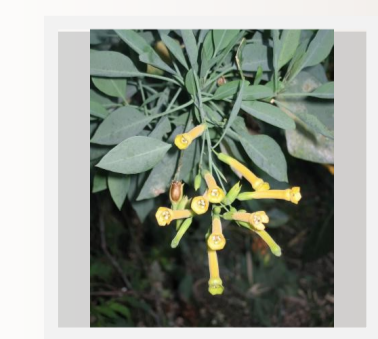
Psidium guajava
Guava



Eucalyptus species
Gum



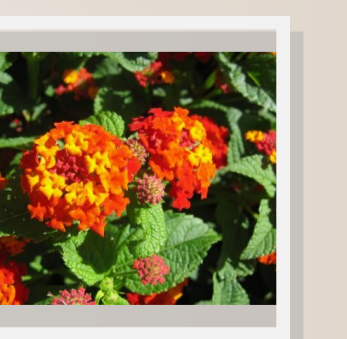
Dodonaea viscosa var. *angustifolia*
Sand olive



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?

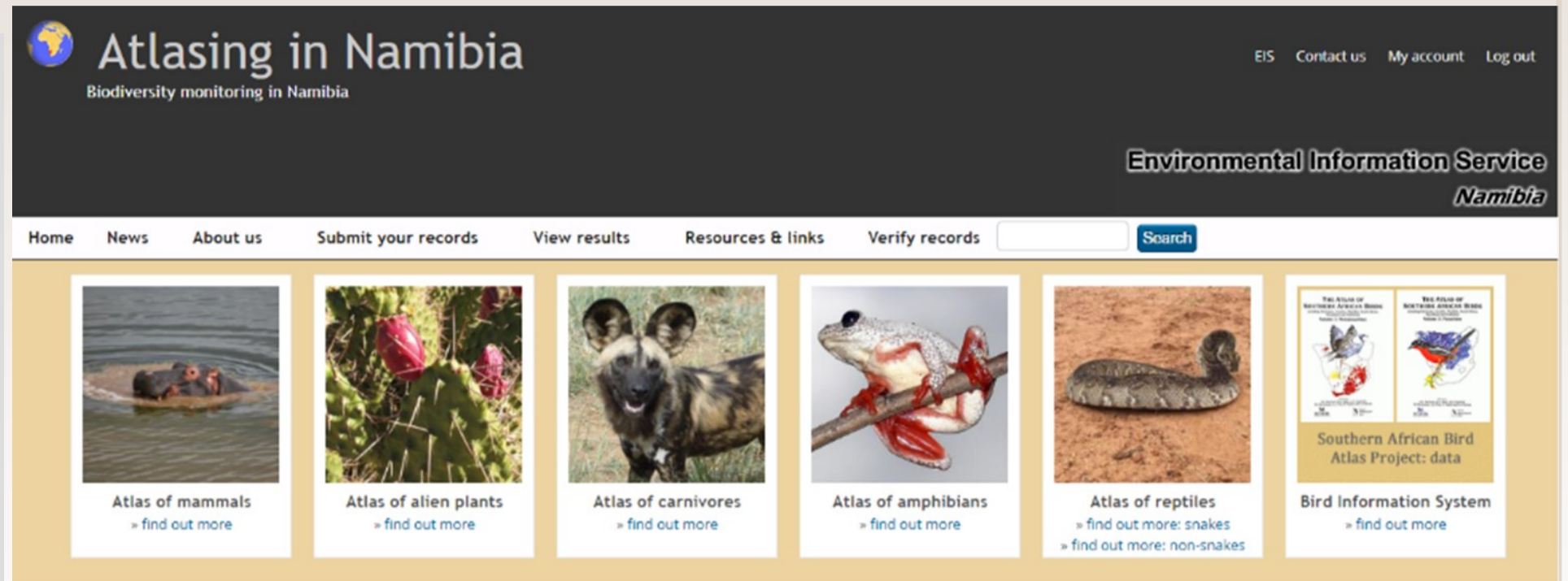
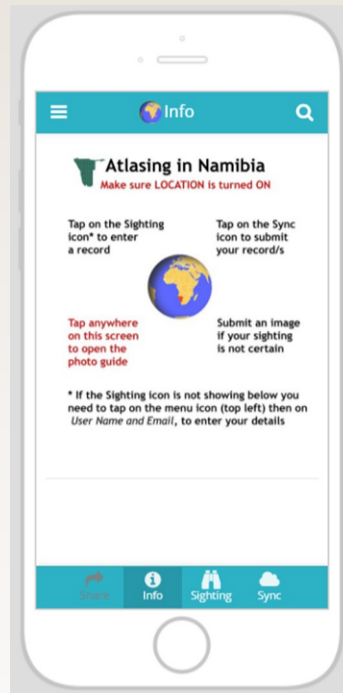
Atlasing in Namibia is a Citizen science programme, for Biodiversity recording:

- ⇒ 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

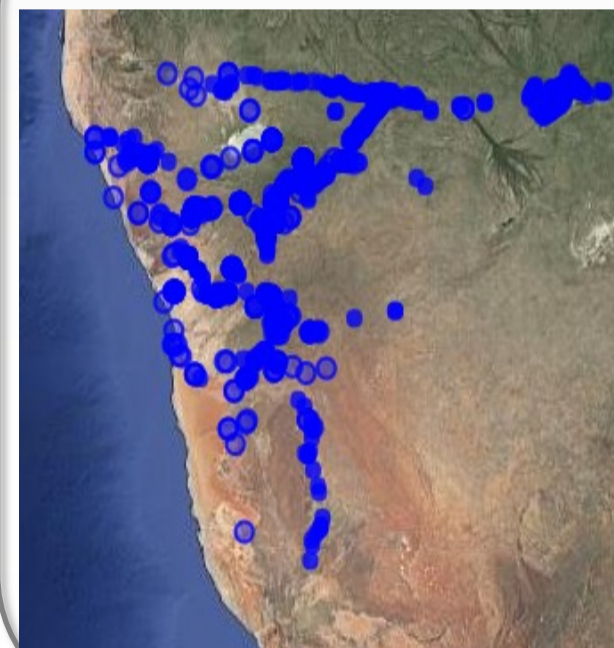


4. Why is your help needed to atlas Invasive Alien plants?

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.

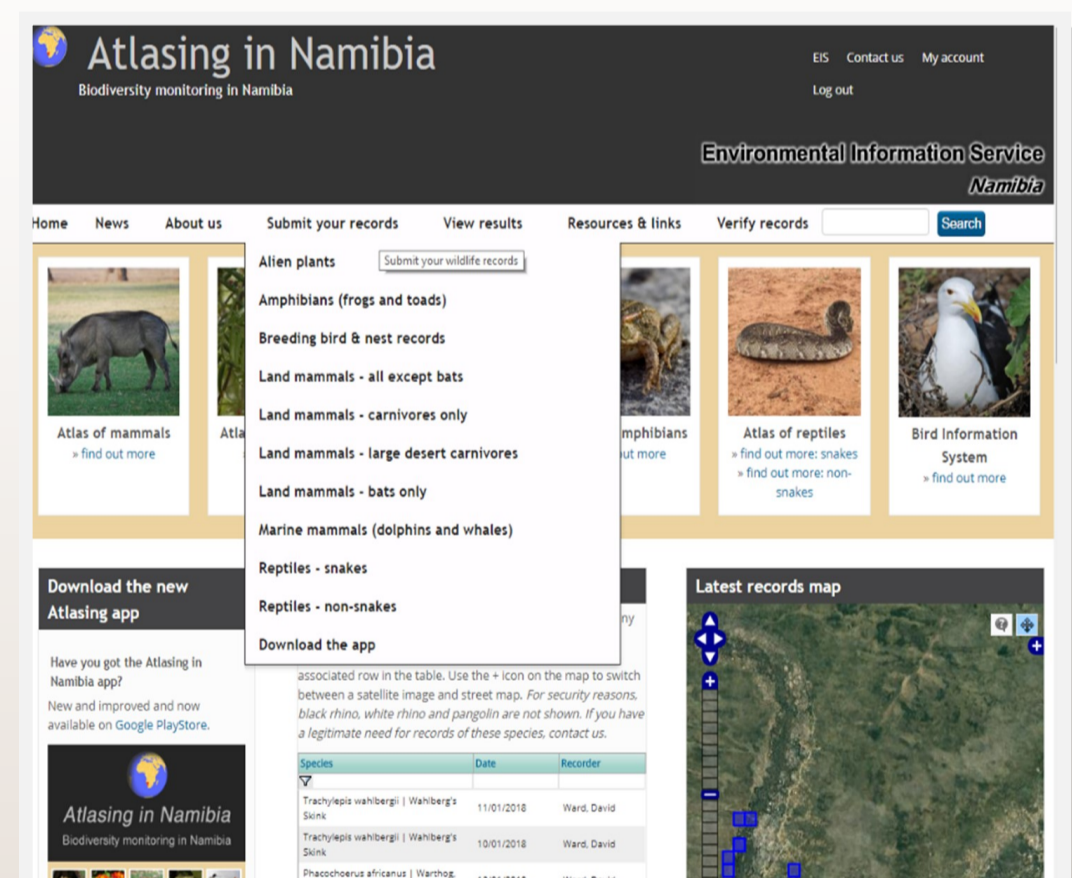
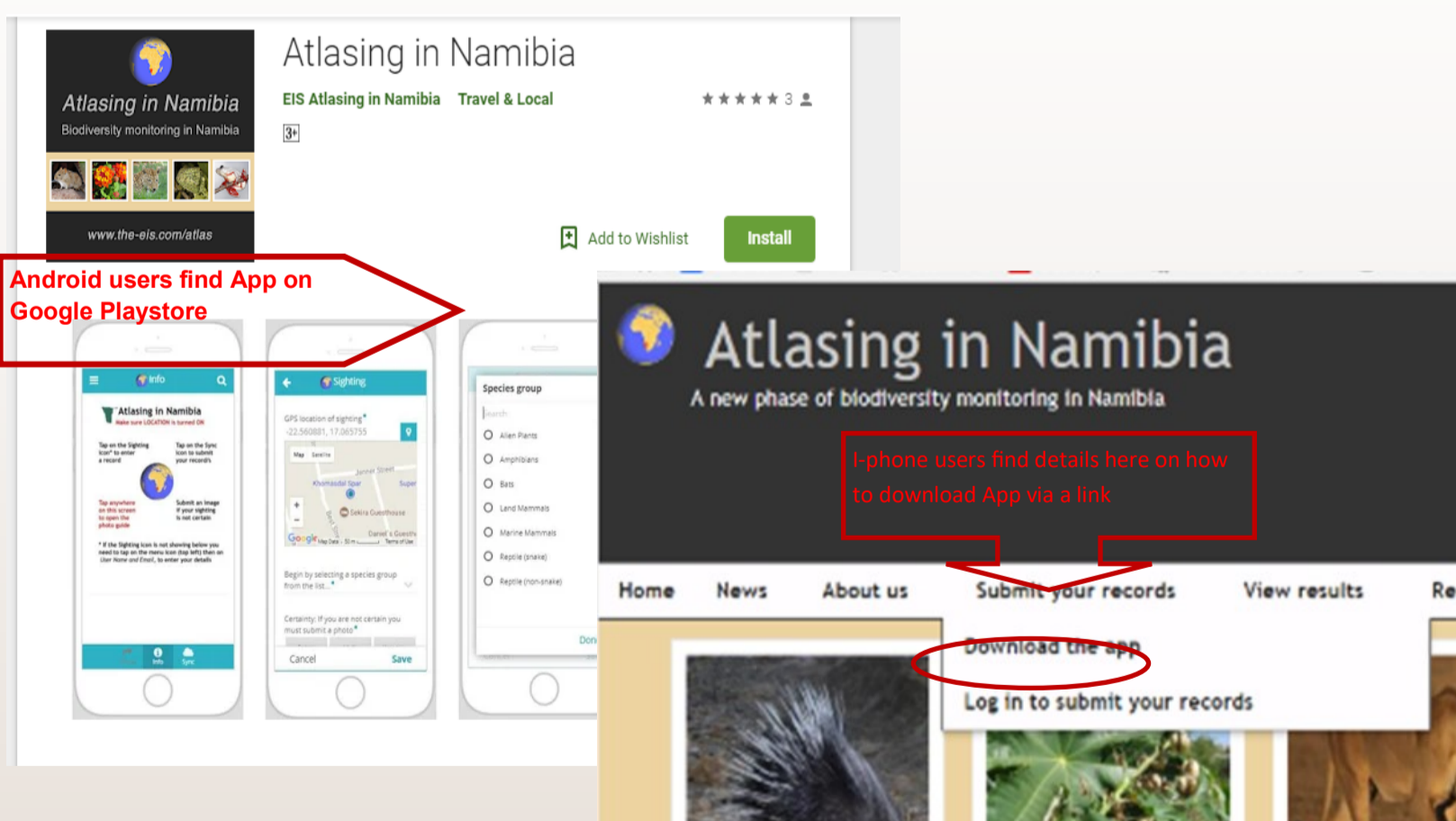
5. What has been recorded so far on the 36 most invasive alien plant species?



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.