

Be a *Citizen Scientist* with *SeasonWatch*

Are you curious to know how we can observe climate change ourselves? It may be as simple as looking at the tree outside your window!

Trees produce new leaves, flowers, fruits, and shed old leaves according to seasons. Each stage of leaves, flowers, and fruits is called 'phenophase'. Observing the timing of these phenophases can tell us about the impact of the changing seasons due to climate change.

Follow these 3 simple steps to study climate change through trees with **SeasonWatch**:



Register



Observe

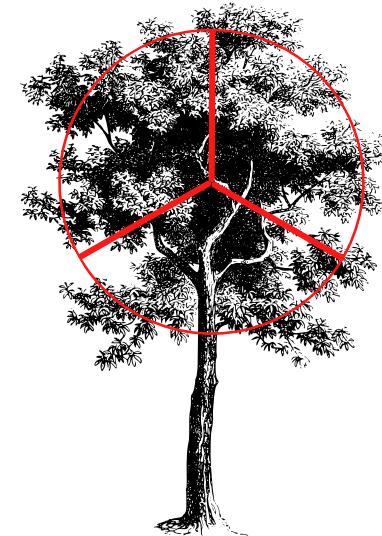


Upload

1. Download the SeasonWatch Android app or go to www.seasonwatch.in and register yourself.
 2. Select a tree from the list of SeasonWatch species. This tree should be old enough to produce flowers and fruits.
 3. **Regular observation -**
In 'regular section', register a tree by adding its species, location. Give it a nickname and add other optional details.
Add observations on this tree once every week.
 4. **Casual observation -**
Tap on the 'eye' button in 'casual' section, select the tree species, add the location, and make an observation once.
- Phenophases to observe**

Leaves	Flowers	Fruits
Young, mature, old	Bud, open	Unripe, ripe, open

Recording phenophases



None: Phenophase **absent**



Few: Phenophase present in **one** section



Many: Phenophase present in **two/all** sections

www.seasonwatch.in



Register



Observe



Upload



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[@seasonwatch.in](https://www.facebook.com/seasonwatch.in)



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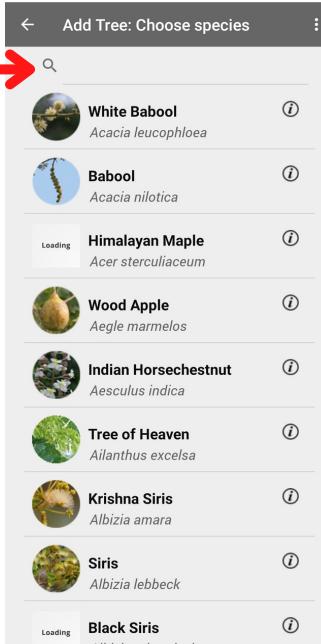
sw@seasonwatch.in



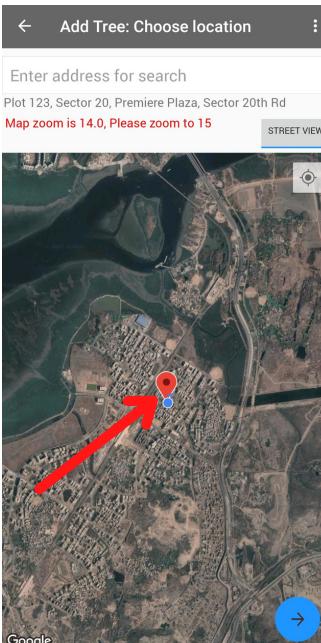
+91 7349567602

Adding a casual observation

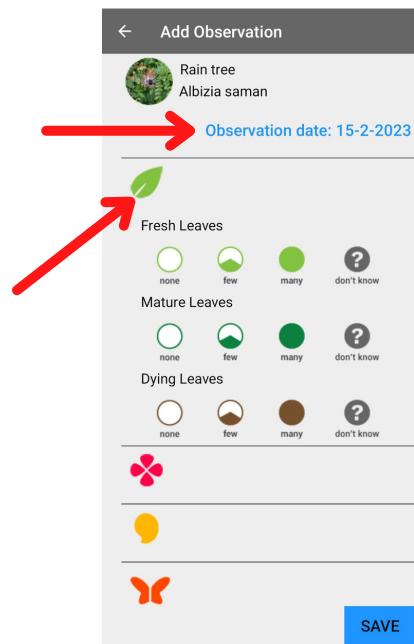
1. In the 'Casual' section, select a tree species.



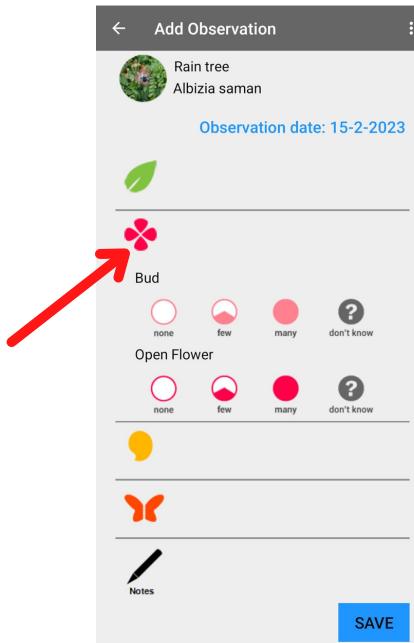
2. Provide the location of the tree.



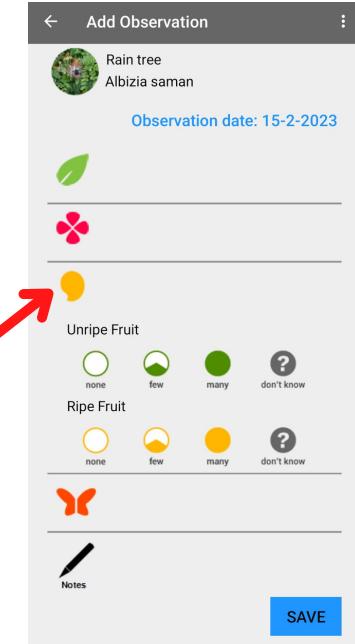
3. Add the observation date.
Add status of leaf stages.



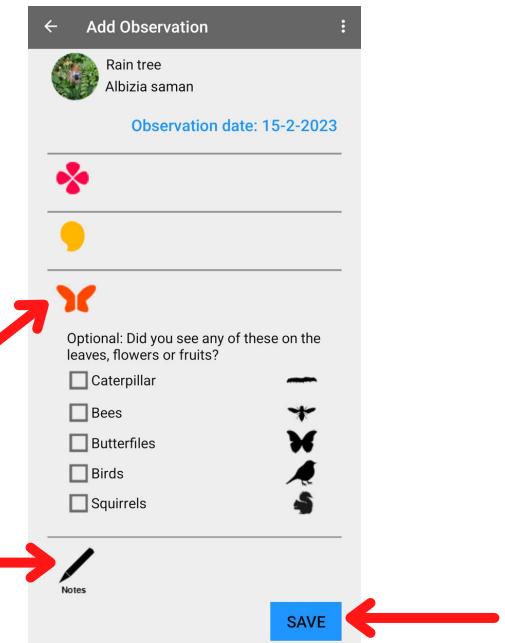
4. Add status of flower stages.



5. Add the status of fruit stages.



7. Mark the animals you see on the tree, note other observations, and SAVE.





Purple Bauhinia - *Bauhinia purpurea*
 Red Silk Cotton - *Bombax ceiba*
 Coconut - *Cocos nucifera*
 Gulmohur - *Delonix regia*
 Mast Tree - *Monoon longifolium*
 African Tulip - *Spathodea campanulata*
 Indian Cork - *Millingtonia hortensis*
 Pongam Tree - *Pongamia pinnata*
 Siris - *Albizia lebbeck*
 Copperpod - *Peltophorum pterocarpum*
 Teak - *Tectona grandis*
 Indian Laburnum - *Cassia fistula*
 Champa - *Magnolia champaca*
 Rain Tree - *Albizia saman*
 Rosy Trumpet - *Tabebuia rosea*
 Jacaranda - *Jacaranda mimosifolia*
 Indian Tulip Tree - *Thespesia populnea*
 Badminton Ball - *Parkia biglandulosa*
 Pride of India - *Lagerstroemia speciosa*
 Caribbean Trumpet - *Tabebuia aurea*
 Neem - *Azadirachta indica*

Bottlebrush - *Callistemon viminalis*
 Wood Apple - *Aegle marmelos*
 Devil's Tree - *Alstonia scholaris*
 Banyan - *Ficus benghalensis*
 Country Fig - *Ficus racemosa*
 Peepal - *Ficus religiosa*
 Jackfruit - *Artocarpus heterophyllus*
 Quickstick - *Gliricidia sepium*
 Sausage Tree - *Kigelia africana*
 Indian Elm - *Holoptelea integrifolia*
 Lantana - *Lantana camara*
 Mango - *Mangifera indica*
 Chiku Sapodilla - *Manilkara zapota*
 Chinaberry - *Melia azedarach*
 Henna - *Lawsonia inermis*
 Maulsari - *Mimusops elengi*
 Drumstick - *Moringa oleifera*
 Singapore Cherry - *Muntingia calabura*
 Silkworm Mulberry - *Morus alba*
 Curry Leaf - *Murraya koenigii*
 Kadamb - *Neolamarckia cadamba*

Oleander - *Nerium oleander*
 Amla - *Phyllanthus emblica*
 Jungle Jalebi - *Pithecellobium dulce*
 Frangipani - *Plumeria rubra*
 Guava - *Psidium guajava*
 Pomegranate - *Punica granatum*
 Sandalwood - *Santalum album*
 True Ashoka - *Saraca asoca*
 Wild Almond - *Sterculia foetida*
 Date Palm - *Phoenix sylvestris*
 Jamun - *Syzygium cumini*
 Tamarind - *Tamarindus indica*
 Indian Almond - *Terminalia catappa*
 Indian Rosewood - *Dalbergia sissoo*
 Ber - *Ziziphus mauritiana*
 Five-leaves Vitex - *Vitex negundo*
 Babool - *Acacia nilotica*
 Mexican Oleander - *Cascabela thevetia*
 Crepe Jasmine - *Tabernaemontana divaricata*
 Indian Charcoal Tree - *Trema orientalis*
 Kanak Champa - *Pterospermum acerifolium*