



ction on Indigenous Vegetable Pol



Pollination Management





Amaranthus

amaranthus sp.



Complete Flower



Pollination type: self
pollination

Natural Pollinator:
Wind and insects/bees
Iso



Self pollination by nets c
or bagging



Angled loof



Luffa acutangula (L.) Roxb.

Monoecious Flower

Pollination type:
cross pollination

Natural Pollinator:
insects/bees

Is 1



Self pollination by bagging and hand po



Bitter gourd

Mordica charantia L.

Monoecious Flower



Pollination type:
cross pollination
Natural Pollinator:
insects/bees



Self pollination by bagging and hand pollination



bottle gourd

Lagenaria secretarialis



Monoecious Flower

Pollination type:
cross pollination

Natural Pollinator:
insect / bee

Isolation



Isolation by clip or bagging and hand



Seylon spinach

Basella alba L.



Complete Flower



Pollination type: self
pollination

Natural Pollinator: -

Isolation: **100 % Self pollination**





Black wood tree

Mimosa grandiflora



Complete Flower



Pollination type: self
pollination

Natural Pollinator:
carpenter bees

**Self pollination
before Flowering**





Cucumber



Cucumis sativus Linn.

Monoecious Flower



Pollination type:
cross pollination

Natural Pollinator:
insects/bees

Isolation



Self pollination by bagging or clip and hand

Dill



Anethum graveolens L.
Complete Flower



Pollination type: self
pollination

Natural Pollinator:
wind and insects/bees

Isolation : 1000 m



Self pollination by nets cage and knocking at flower

Complete Flower



eggplant
Solanum



Pollination type: self-pollination

Natural Pollinator:

Wind and Insect/Bee

Self pollination by nets cage and hand pollination
Isolation .500 m.





Culantro, Long



riander

Eryngium foetidum L.

Complete Flower



Pollination type: self
pollination

Natural Pollinator:
Wind and Insect/ Bee

Is



Self pollination by nets cage



hainai Melon

Cucumis melo Linn.



Monoecious Flower

Pollination type:
cross pollination

Natural Pollinator:
insects/bees

Self pollination by bagging or clip and hand
Isolation : 1000 m





Ocimum

Ocimum sp



Complete Flower



Pollination type: self
pollination
Natural Pollinator:
wind and insects/bees



Pollination by nets cage and bee po



Okra

Abelmoschus
esculentus (L.)
Moench



Complete Flower

Pollination type:
self pollination

Natural Pollinator:
insects/bees

self pollination by bagging and cl





Pepper

Capsicum
spp.



complete Flower

Pollination type:
self pollination

Natural Pollinator:
insects/bees

Self pollination by nets cage and bagging
500 m.





Pumpkin

Cucurbita moschata



monoecious Flower

Pollination type:
cross pollination

Natural Pollinator:
insects/bees

Self pollination by bagging or clip and hand pollinate

Isolation : 1000 m





smooth loofah

Luffa cylindrica (L.) Hem.



Monoecious Flower



Pollination type:
cross pollination

Natural Pollinator:
insects/bees

Self pollination by bagging or clip and hand po

Isolation :1000 m.





snake gourd

*Trichosanthes
angulina* Linn.



Monoecious Flower



Pollination type:
cross pollination

Natural Pollinator:
insects/bees

pollination by bagging and hand pollination

Isolation : 1000 m





Snap bean

Phaseolus vulgaris



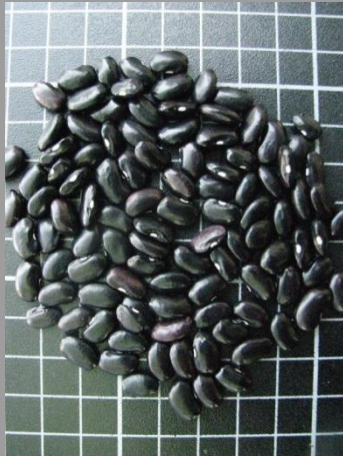
Complete Flower

Pollination type: self
pollination

Natural Pollinator:
carpenter bees

Self pollination by nets cage

Isolation : 100 m





Tomato

Lycopersicon



Complete Flower

esculentum Mill.



Pollination type:
self pollination

Natural Pollinator:
insects/bees

pollination by nets ca
Isolation : 10 m.





Wax gourd



Benincasa

Monoecious flower *hispida (Thunb.)*
Cn.

Pollination type:
cross pollination

Natural Pollinator:
insects/bees

Isolation : 1000 m.





Wing bean

Psophocarpus
tetragonolobus (Linn)
DC



Complete Flower



Pollination type: self
pollination

Natural Pollinator
carpenter bees



Self pollination by
nets cage 100 m





Hard long bean



Vigna unguiculata

Complete Flower *subsp. sesquipedalis*

Pollination type: self
pollination

Natural Pollinator:
carpenter bees

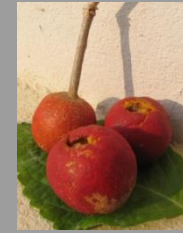


Self pollination
Isolation: 100 m
by

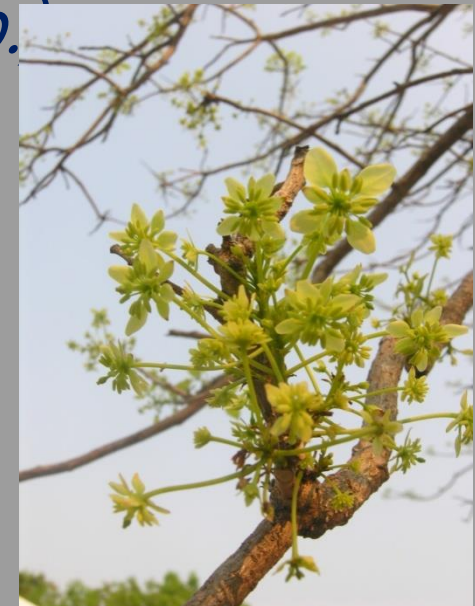




Sacred garlic pear/ Temple plant



Complete Flower



stigma Anther and pollen

Pollination type: self
pollination

Natural Pollinator:

Self pollination
by bagging
and knocking



Chinese chive

Allium tuberosum

Bottle or Green Onion



Complete Flower



stigma Anther and pollen

Pollination type: self
pollination

Self pollination
by bagging

Natural Pollinator:



Bilimbi Tree

Scaevola taccada Lin



Complete Flower

stigma Anther and pollen

Pollination type: self
pollination

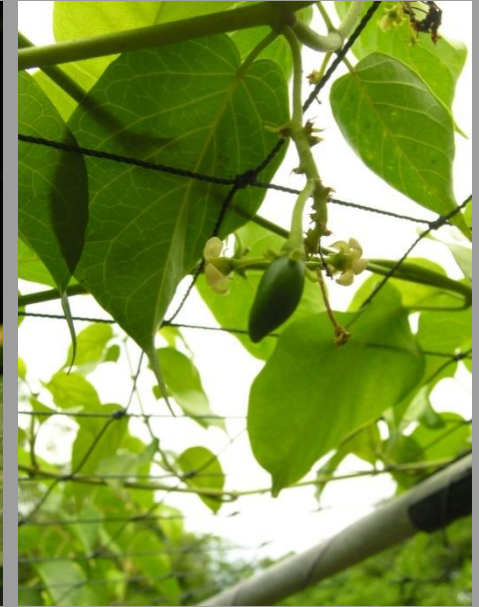
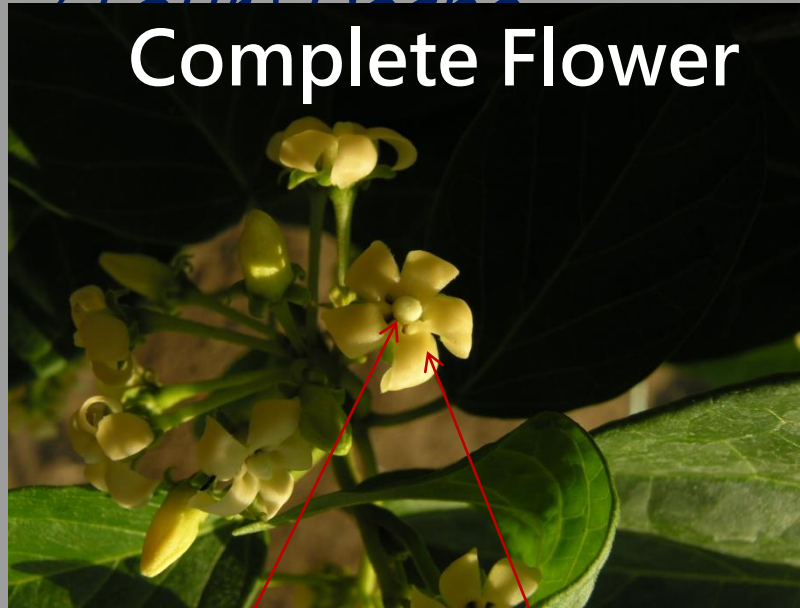
Natural Pollinator:

Self pollination
by bagging



Gymnema Sylvestre

Gymnema inodorum
(Lour.) Desr.



Complete Flower

stigma Anther and pollen

Pollination type: self
pollination

Natural Pollinator:

Self pollination
by bagging

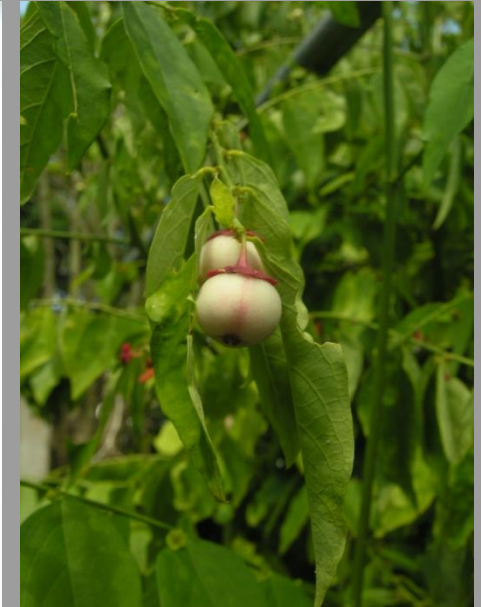


Sauropus Phak wan

*Sauropus
androgynus (L.)*



Complete Flower



stigma Anther and pollen

Pollination type: self
pollination

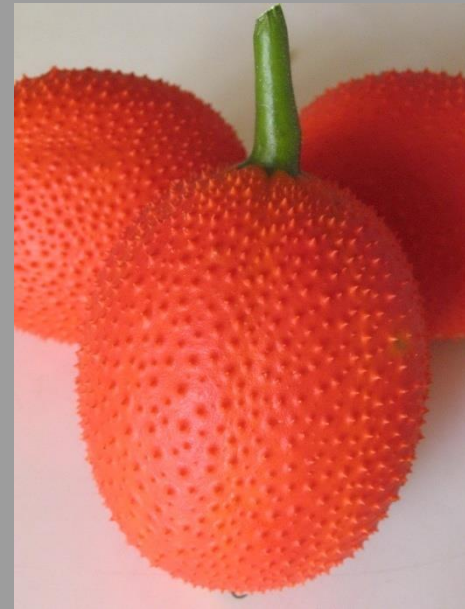
Natural Pollinator:

Self pollination
by bagging



Sing Bitter Cucum

*Momordica
cochinchensis*



male flower **Dioecious** female flower
flower

Pollination type:
cross pollination

Natural Pollinator:

Self pollination
by bagging and
hand pollination



Star fruit

Averrhoa caroliniana



L.



Complete Flower



stigma Anther and pollen

Pollination type: self
pollination

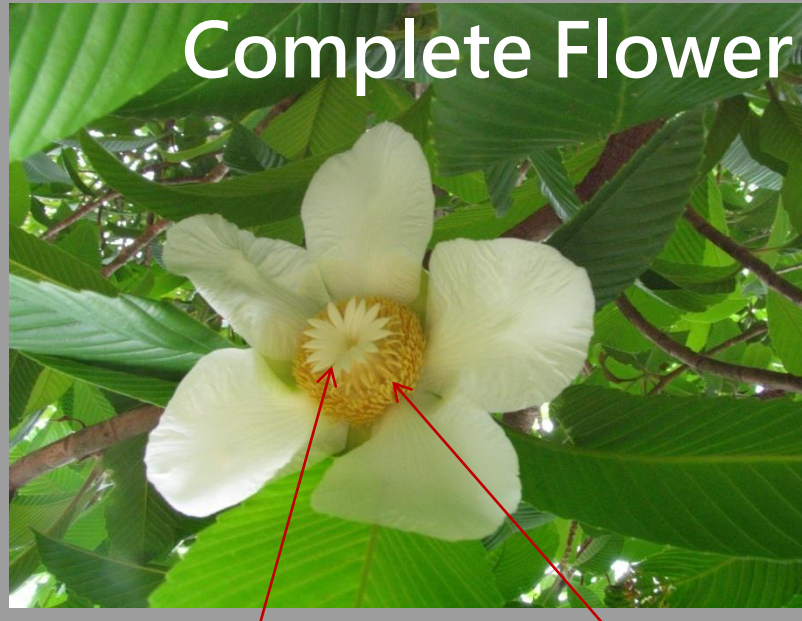
Natural Pollinator:

Self pollination
by bagging

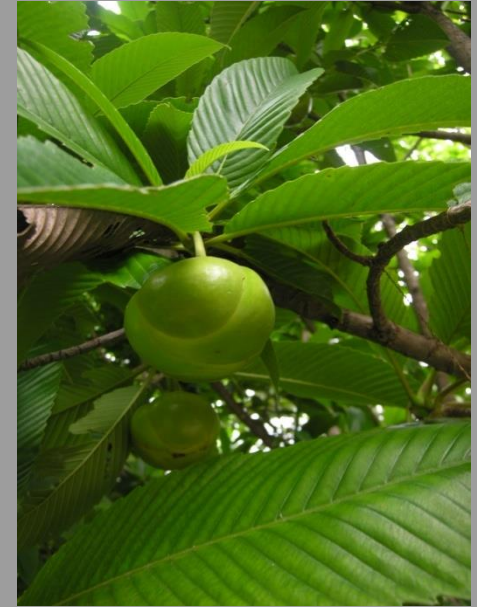


Elephant Apple

Dillenia indica



Complete Flower



stigma anther and pollen

Pollination type: self
pollination

Natural Pollinator:

Self pollination
by bagging

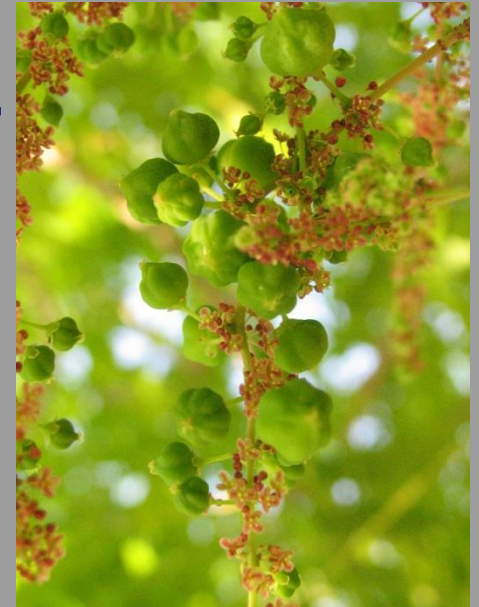


Star Gooseberry

Phyllanthus acidus
(L.) Skeels



Complete Flower



stigma anther and pollen

Pollination type: self
pollination

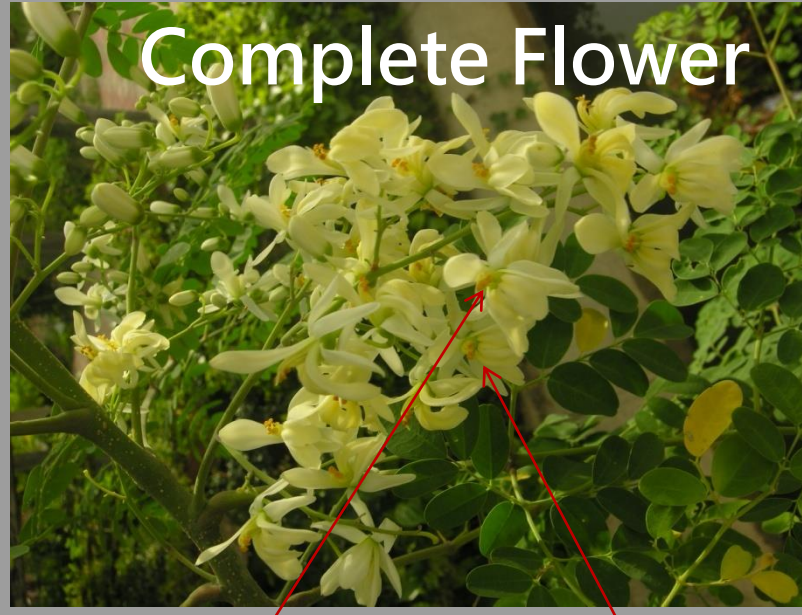
Natural Pollinator:

Self pollination
by bagging

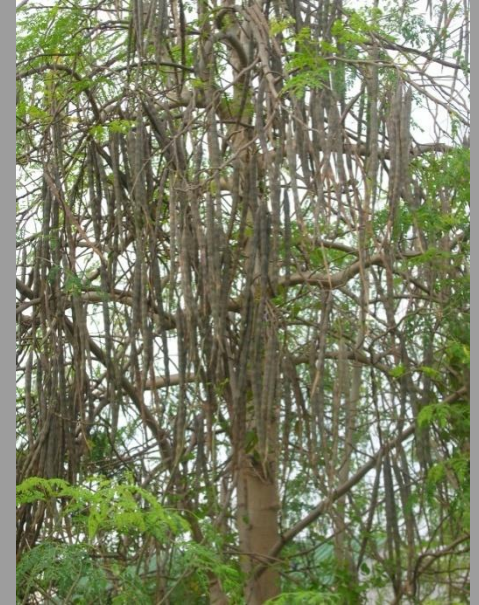


Large Radish Tree

Moringa oleifera



Complete Flower



stigma anther and pollen

Pollination type: self
pollination

Natural Pollinator:

Self pollination
by bagging



Goji berry

Lycium barbarum



Complete Flower



stigma anther and pollen

Pollination type: self
pollination

Natural Pollinator:

Self pollination
by bagging



Laurel clock vine, Blue trumpet vine

Thumbergia laurifolia Lindl.



Complete Flower



stigma anther and pollen

Pollination type: self
pollination
Natural Pollinator:

Self pollination
by bagging



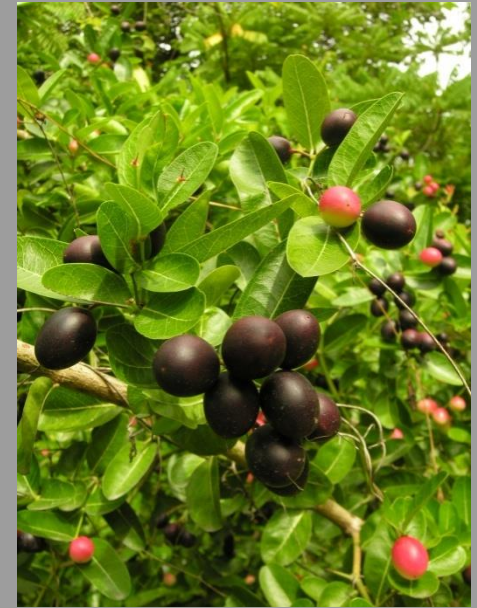
Karanda/ Caranda

Carissa carandas



Complete Flower

stigma anther and pollen



Pollination type: self
pollination

Natural Pollinator:

Self pollination
by bagging



Blue Pea/Butterfly Pea

Clitoria ternatea L.



Complete Flower



stigma anther and pollen

Pollination type: self
pollination

Natural Pollinator:

Pollination
before flowering
Self pollination



Moonflower

Ipomoea alba



Complete Flower



stigma anther and pollen

Pollination type: self
pollination

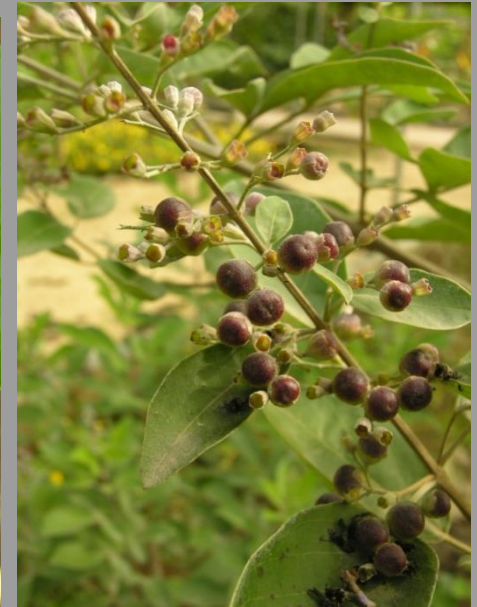
Natural Pollinator:

Self pollination by
bagging/clips



Vitex

Vitex trifolia



Complete Flower

stigma anther and pollen

Pollination type: self
pollination

Natural Pollinator:

Self pollination
by bagging



Red Kidney Bean

Phasecolus vulgaris L.



Complete Flower



stigma anther and pollen



Pollination type: self
pollination
Natural Pollinator:

Self pollination
by bagging



Mucuna

Mucuna pruriens DC.



Complete Flower



stigma and pollen



Pollination type: self
pollination

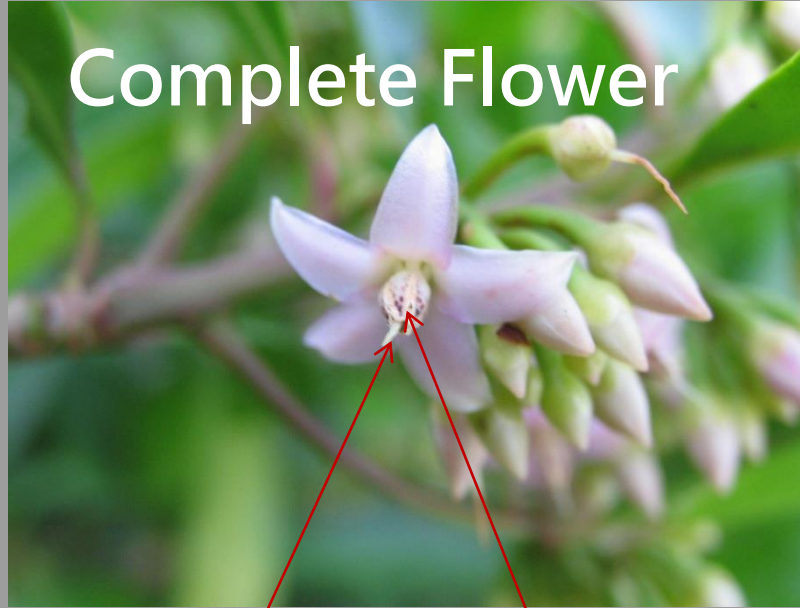
Natural Pollinator:

Self pollination
by bagging



Ardisia Polycephala

Ardisia elliptica Thunberg



Complete Flower



stigma and anther and pollen

Pollination type: self
pollination

Natural Pollinator:

Self pollination
by bagging

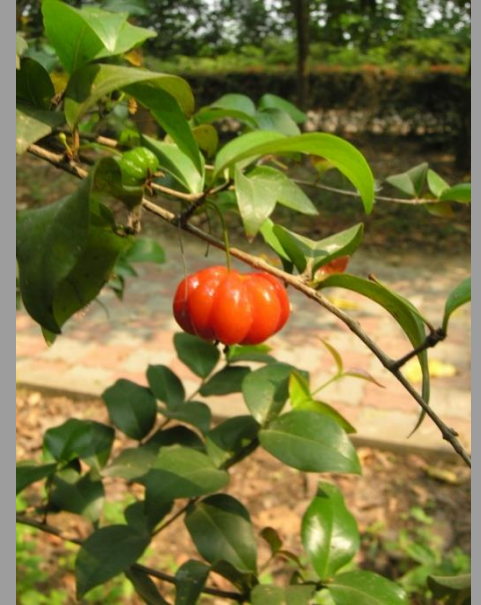


Star Gooseberry



*Phyllanthus
acidus* (L.) Skeels

Complete Flower



stigma and anther

Pollination type: self
pollination

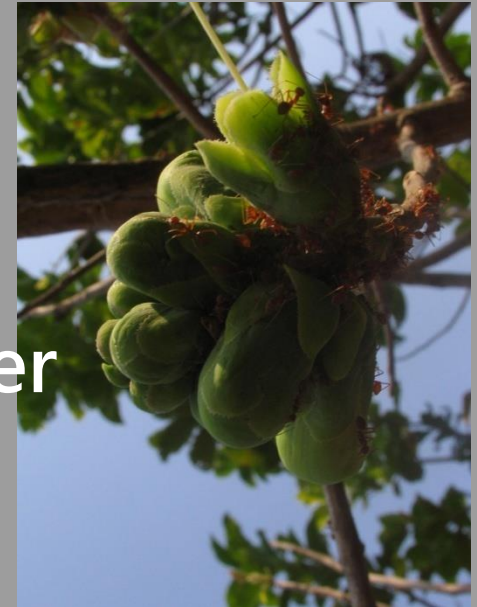
Natural Pollinator:

Self pollination
by bagging



Tummy-wood

Careya sphaerica B. & P.



Complete Flower

stigma and pollen

Pollination type: self
pollination

Natural Pollinator:

Self pollination
by bagging

Thank You

