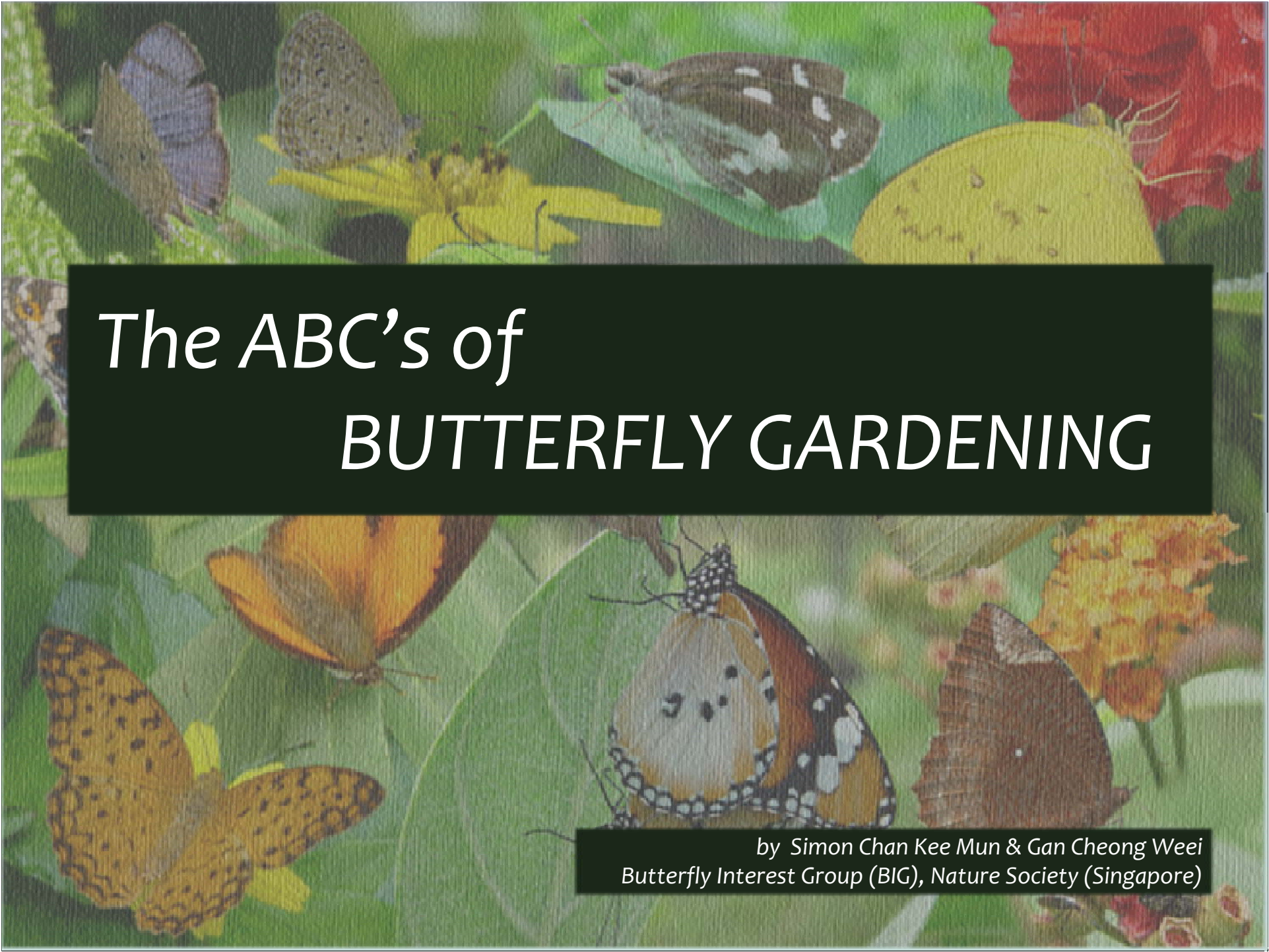




The ABC's of **BUTTERFLY GARDENING**

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Butterfly Interest Group (BIG)

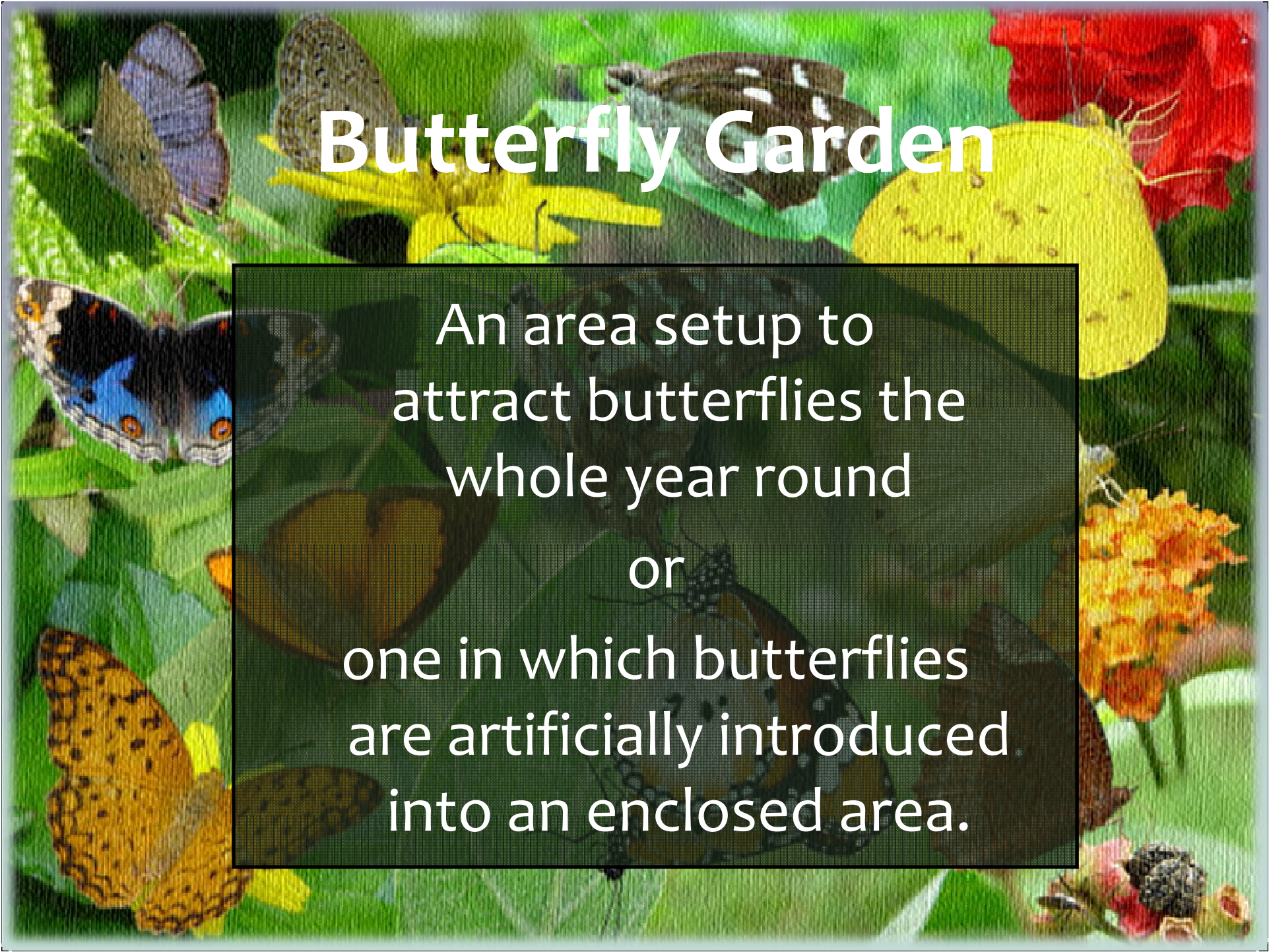
butterfly.nss.org.sg



Awareness and Conservation

- Website and Field Guide
- Walks and Talks
- Consultancy and EIA
- Survey and Research





Butterfly Garden

An area setup to
attract butterflies the
whole year round
or
one in which butterflies
are artificially introduced
into an enclosed area.

Open vs Enclosed Garden

Advantages

- ✓ More options for plants
- ✓ Tap onto surroundings
- ✓ Cheaper to operate
- ✓ Natural

Disadvantages

- ✓ Grass is greener on the other side
- ✓ Perceived as less variety
- free to come and go
- ✓ No control over the environment

Advantages

- ✓ Full control over species
- ✓ Control over environment, no predator or pest
- ✓ Always there – 7x24

Disadvantages

- ✓ Space constraints
- ✓ More expensive to setup and operate
- ✓ Unnatural behavior



Unnatural Phenomenon



The 'ABC' Way

- **A = Attract**

- Attract from neighboring plots
- Flower, feeders



- **B = Breed**

- Provide **B**reeding environment
- Larva host plants



- **C = Cover**

- Provide **C**over (shelter) from predator and for roosting
- Trees and Foliage shrubs



Alexandra Hospital Butterfly Trail (AHBT)

- Objective : Healing environment
- Started in Jan 2002, 5000 m²
- 30+ species of flowering plants
- 20+ species of larva host plants



AHBT – Success factor

- Integral part of operating philosophy – providing a 'Healing Environment'
- Strong commitment from the hospital management
- Good ground level support
- Excellent location and accessibility
- Employed ABC strategy



AHBT – Then and Now



Butterfly Host Plants - 1

Tylophora tenuis



Tylophora indica



Cynanchum ovalifolium



Butterfly Host Plants - 2

Aristolochia tagala



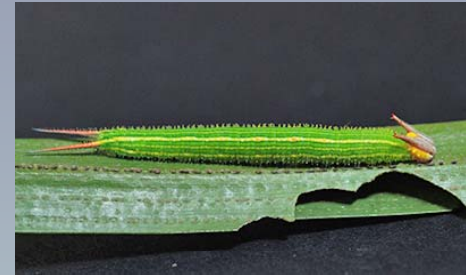
Parsonsia sp



Calotropis gigantea

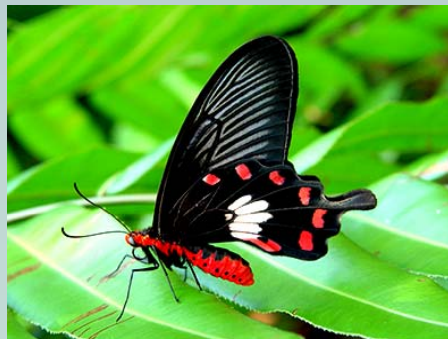


Caterpillars at AHB



Crown Jewels of AHB T

- *Troides helena*
- *Ideopsis vulgaris*
- *Doleschallia bisaltide*
- *Euthalia adonia*
- *Polyura hebe*
- *Horaga syrinx*
- *Cheritra freja*
- *Pachliopta aristolochiae*



Changi Airport T3 Garden

Objectives :

- ❖ *Complement T3's nature theme and Singapore's tropical garden image.*
- ❖ *Provide a tranquil haven offering a respite from the stresses of travelling.*
- ❖ *Provide novel facilities to enhance the 'Changi Experience'*



- Formerly a smoking lounge
- Opened in Oct 2008
- 330 m², 2-storey open-air garden
- 47 species, 1000+ specimens
- Open to transit passengers 7 x 24



Butterflies at T3 Garden



Breeding station and Waterfall



View from 2nd Level



Key to Success

- Commitment and support from the management
- Upkeep of the garden to maintain 'fresh' look.
- Maintain quantity and quality of butterfly
- Generate publicity and interest



Summary

- Open and Enclosed Garden
- ABC Way = Attract , Breed, Cover
- Alexandra Hospital Butterfly Trail
- Changi T3 Butterfly Garden



Thank You !

