



# Holy Cross College (Autonomous) Nagercoil – 629 004

Affiliated to Manonmaniam Sundaranar University, Tirunelveli  
Nationally Accredited with A+ Grade (CGPA 3.35) by NAAC IV Cycle  
An ISO 9001: 2015 Certified Institution

SSR  
2019-2020  
to  
2023-2024

**7.1.5 Green campus initiatives of the institution including Restricted entry of automobiles, Use of Bicycles/ Battery powered vehicles, Pedestrian Friendly pathways, Ban on use of Plastic, landscaping with trees and plants etc**

## FLORA AND FAUNA IN THE CAMPUS

### FLORA

#### MATHA GARDEN



Holy Cross College Nagercoil, T

Madha Flower Garden

27.02.2023 12:53

8-15524 77-41416

Holy Cross College Bus Stop, Holy Cross Nagar, Nagercoil, Tamil

Nadu 629002





**BOTANICAL GARDEN**





ROSE GARDEN



Holy Cross College Nagercoil  
 Rose Garden  
 Phone: 023 12 54  
 Mobile: 77 41 429  
 Address: Holy Cross College, Puzhasseri, Puzhasseri, Nagercoil, Tamil Nadu 629002

**ESTD** **GREEN HOUSE GARDEN** **1965**



Holy Cross College Nagercoil  
 Green House Garden  
 Phone: 023 14 00  
 Mobile: 77 41 542  
 Address: R68, Holy Cross College Rd, Puzhasseri, Nagercoil, Tamil Nadu 629002





**DUCK WEED CULTIVATION**



**ESTD** **FOLIAGE GARDEN** **1965**





TREES WITH BOTANICAL NAMES



























[ESTD 1985]































www.vsnl.co.in  
MAY 2013 2013 1400





NAAC V Cycle Self Study Report (SSR)  
Mar 23, 2023, 10:17





www.vardha.ac.in  
Phone: 023-23023, 24117







www.vvss.in  
Mar 23, 2023, 14:19









viva VIVEK  
MAY 2024



FAUNA

BUTTERFLIES IDENTIFIED IN THE CAMPUS

Common bush brown  
*Mycalesis perseus*



Plain Sulphur  
*Dercas lycorias*



Common Albatross  
*Appias albina*



Zebra Blue  
*Tarucus plinius*



Indian Red Pierrot  
*Talicauda nysus*



White Four Ring  
*Ypthima ceylonica*



Indian Wanderer  
*Pareronia hippia*



Psyche  
*Leptosia nina*



Summer Azure  
*Celastrina neglecta*



Eastern Tailed Blue  
*Cupido comyntas*



Common Evening Brown  
*Melanitis leda*



Striped Albatross (female)  
*Appias libythea*



Mottled Emigrant  
*Catopsilia pomona*



Acmon Blue (female)  
*Plebejus acmon*



Gram Blue Butterfly  
*Euchrysops cnejus*



Common Jezebel  
*Delias eucharis*



Striped Albatross (male)  
*Appias libythea*



Grass Yellow  
*Eurema blanda*



Tiny Grass Blue  
*Zizula hylax*



Indian Palm Bob  
*Suastus gremius*





Tailed Jay  
*Graphium agamemnon*



Golden Birdwing  
*Troides aeacus*



Great Eggfly  
*Hypolimnna bolina*



Blue Tiger  
*Tirumala limniace*



Common Jay  
*Graphium doson*



Common Mormon  
*Papilio polytes*



Lemon Pansy  
*Junonia lemonias*



Glassy Tiger  
*Parantica aglea*



Common Rose  
*Pachliopta aristolochiae*



Common Mime  
*Papilio chytia*



Striped Tiger  
*Danaus genutia*



Plain Tiger  
*Danaus chrysippus*



Crimson Rose  
*Pachliopta hector*



Danaid Eggfly  
*Hypolimnna misippus*



Common Indian Crow  
*Euploea core*



Tawny Coaster  
*Acraea violae*





ANTS IDENTIFIED IN THE CAMPUS

Yellow crazy ant  
*Anoplolepis gracilipes*



Black Carpenter ant  
*Camponotus pennsylvanicus*



Carpenter Ant  
*Camponotus Festinatus*



Carpenter Ant  
*Camponotus angusticollis*



Common Godzilla ant  
*Camponotus compressus*



Golden black ant  
*Camponotus sericeus*



Japanese Carpenter ant  
*Camponotus japonicus*



Red wood ant  
*Formica rufa*



Carpenter ant  
*Camponotus variegatus*



Smaller Carpenter Ant  
*Camponotus nearcticus*



Carpenter Ant  
*Camponotus subbarbatus*



Black garden ant  
*Lasius niger*





Small Black Sugar Ant  
*Lepisiota capensis*



Arboreal bicolored ant  
*Tetraoponera rufonigra*



Difficult techno ant  
*Technomyrmex difficilis*



*Myrmicaria brunnea*



Weaver ant  
*Oecophylla smaragdina*



Sri Lanka queen less ant  
*Diacamma ceylonense*



White footed Ghost ant  
*Technomyrmex albipes*



Common red ant  
*Myrmica Rubra*



Caribbean crazy ant  
*Nylanderia pubens*



Procession ant  
*Leptogenys falcigera*



Silky shield ant  
*Meranoplus bicolor*



*Myrmecina americana*



Black crazy ant  
*Paratrechina longicornis*



Odorous ant  
*Tapinoma melanocephalum*



*Aphaenogaster swammerdami*



Pharaoh Ant  
*Monomorium pharanosis*



Big-headed Ant  
*Pheidole crassicornis*



Acrobat Ant  
*Crematogaster cerasi*



Acrobat Ant  
*Crematogaster ashmeadi*



Acrobat Ant  
*Crematogaster lineolata*



*Cardiocondyla minutior*



Pavement Ant  
*Tetramorium caespitum*



Red fire ant  
*Solenopsis geminata*




Red Imported Fire Ant  
*Solenopsis invicta*


















ARTHROPOD IDENTIFIED IN THE CAMPUS

<p><i>Phyllophaga tristis</i></p>	<p>Order: Coleoptera Family: Scarabaeidae Genus: <i>Phyllophaga</i> Species: <i>tristis</i></p>		<p>Adults are large, often brown, beetles that are active in evening or early night and are big enough to be easily noticed</p>
<p><i>Gymnetis thula</i></p>	<p>Order: Coleoptera Family: Scarabaeidae Genus: <i>Gymnetis</i> Species: <i>thula</i></p>		<p>Larvae have been found on or near oaks, mesquite, and other trees. Adults enjoy ripe fruit and leaking tree sap on trunks.</p>
<p><i>Cyclocephala hirta</i></p>	<p>Order: Coleoptera Family: Scarabaeidae Genus: <i>Cyclocephala</i> Species: <i>hirta</i></p>		<p>Adults of <i>Cyclocephala hirta</i> are having a characteristic brown to black stripe or mask across their eyes and face, which distinguishes them from other similar species.</p>
<p><i>Tenodera sinensis</i></p>	<p>Order: Mantodea Family : Mantidae Genus : <i>Tenodera</i> Species : <i>sinensis</i></p>		<p>Native in Asia and near by islands. It is also known as Chinese mantis Eaten by monarch butterfly.</p>
<p><i>Odontomantis planiceps</i></p>	<p>Order: Mantodea Family: Hymenopodidae Genus: <i>Odontomantis</i> Species: <i>planiceps</i></p>		<p>They are completely black from the 1<sup>st</sup> to 3<sup>rd</sup> instar with green bands at the edges of thorax segment. Approximately 12cm.</p>
<p><i>Linepithema humile</i></p>	<p>Order: Hymenoptera Family: Formicidae Genus: <i>Linepithema</i> Species: <i>humile</i></p>		<p>This is notoriously pestiferous Argentine ant. Large colonies compressing hundreds of queens.</p>



<p><i>Rhynchophorus ferrugineus</i></p>	<p>Order: Coleoptera Family: Curculionidae Genus: <i>Rhynchophorus</i> Species: <i>ferrugineus</i></p>		<p>It is relatively large, ranging between 2 and 4 centimetres long, and are usually a rusty red colour.</p>
<p><i>Nebria brevicollis</i></p>	<p>Order: Coleoptera Family: Carabidae Genus: <i>Nebria</i> Species: <i>brevicollis</i></p>		<p>It is a ground beetle. Native in Europe. Highly distributed in old growth forest.</p>
<p><i>Harpalus rufipes</i></p>	<p>Order: Coleoptera Family: Carabidae Genus: <i>Harpalus</i> Species: <i>rufipes</i></p>		<p><i>Harpalus rufipes</i> acts as a biological agent to pest and a study has shown the beetle is sensitive to engine oil and diesel oil.</p>
<p><i>Anoplophora glabripennis</i></p>	<p>Order: Coleoptera Family: Cerambycidae Genus: <i>Anoplophora</i> Species: <i>glabripennis</i></p>		<p>The Asian long-horned beetle, also known as the starry sky.</p>
<p><i>Brachysomida atra</i></p>	<p>Order: Coleoptera Family: Cerambycidae Genus: <i>Brachysomida</i> Species: <i>atra</i></p>		<p>Length is about 7-13 mm. It is recognized by the short, stout form, convergent tempora, short, thickened antennae and transverse pronotum.</p>
<p><i>Popillia japonica</i></p>	<p>Order: Coleoptera Family: Scarabaeidae Genus: <i>Popillia</i> Species: <i>japonica</i></p>		<p>The adult measures 15 mm (0.6 in) in length and 10 mm (0.4 in) in width, has iridescent copper-</p>



<p><i>Blepharida rhois</i></p>	<p>Order: Coleoptera Family: Chrysomelidae  Genus: <i>Blepharida</i> Species: <i>rhois</i></p>		<p>It is also known as the sumac flea beetle. The colour of the species is red.</p>
<p><i>Chrysochus cobaltinus</i></p>	<p>Order: Coleoptera Family: Chrysomelidae Genus: <i>Chrysochus</i> Species: <i>cobaltinus</i></p>		<p>it is a blue milkweed beetle. Native in united states and British coloumbia. Active in early summer.</p>
<p><i>Monocesta coryli</i></p>	<p>Order: Coleoptera Family: Chrysomelidae Genus: <i>Monocesta</i> Species: <i>coryli</i></p>		<p>One of the largest beetle, orange and metallic blue in colour.</p>
<p><i>Gastrophysa viridula</i></p>	<p>Order: Coleoptera Family: Chrysomelidae Genus: <i>Gastrophysa</i> Species: <i>viridula</i></p>		<p>The length of the green dock beetle varies between sexes, with the males being 4 mm and the females being 7 mm.</p>
<p><i>Exomala orientalis</i></p>	<p>Order: Coleoptera Family: Rutelidae Genus: <i>Exomala</i> Species: <i>orientalis</i></p>		<p>It is an exotic, invasive species in USA. Native in philippine islands. It is yellowish in colour.</p>
<p><i>Chrysin beyeri</i></p>	<p>Order: Coleoptera Family: Rutelidae Genus: <i>Chrysin</i> Species: <i>beyeri</i></p>		<p>It is green in colour. Beetles known as Scurabaeidae. It is shining leaf chafer.</p>
<p><i>Coccinella transversalis</i></p>	<p>Order: Coleoptera Family: Coccinelladae Genus: <i>Coccinella</i> Species: <i>transversalis</i></p>		<p>Commonly known as transverse ladybird. Found in India across southern Asia 3.8-6.7mm in length. Bright orange red in colour boldly marked with black</p>



**Black beetle**



**Brown marmorated stink bug**



**Lady bird beetle and larva**



**Wingless grasshopper**



**Carpenter ant**



**Black fly**





Long legged fly



Two striped jumping spider



Ivory marked borer beetle



Sawyer beetle



Eggs of squash bugs



Crab spider





Praying mantis



Flatid plant Hopper



Squash bug



Cow bug



Flea beetle



Two spotted sesame bug





Wingless grasshopper



Short horned grasshopper



Whiplash Beetles



White leaf hopper



Lynx Spider (Red)



Jumping spider





Mealy bug



Black spider



Assassin bug



Seed bug



Rice bug



Mealy bug





Mealy bug



Praying mantis nymph



Brown marmorated stink bug



Weaver ant



Lady bug beetle



Flea beetle





Zebra long winged butterfly



Little leaf notcher



Tussock Moth larva



Lady bird beetle



Weevil beetle



Hobo spider





Lacewing eggs



Stem borer



Soldier fly



Lady bug beetle



Lygaeid bug



Green Lynx Spider





Grasshopper



Lemon Emigrant



**CENTIPEDES IDENTIFIED IN THE CAMPUS**



LITHOBIUS SPS.



SCUTIGERA SPS.



GEOPHILOMORPH CENTIPEDE







*DIGITIPES PRUTHI*



*OTOSTIGMUS CEYLONICUS*



*SCOLOPENDRA AMAZONICA*



*RHYSIDA NUDA NUDA*





*RHYSIDA LONGIPES*



*OTOSTIGMUS NUDUS*

