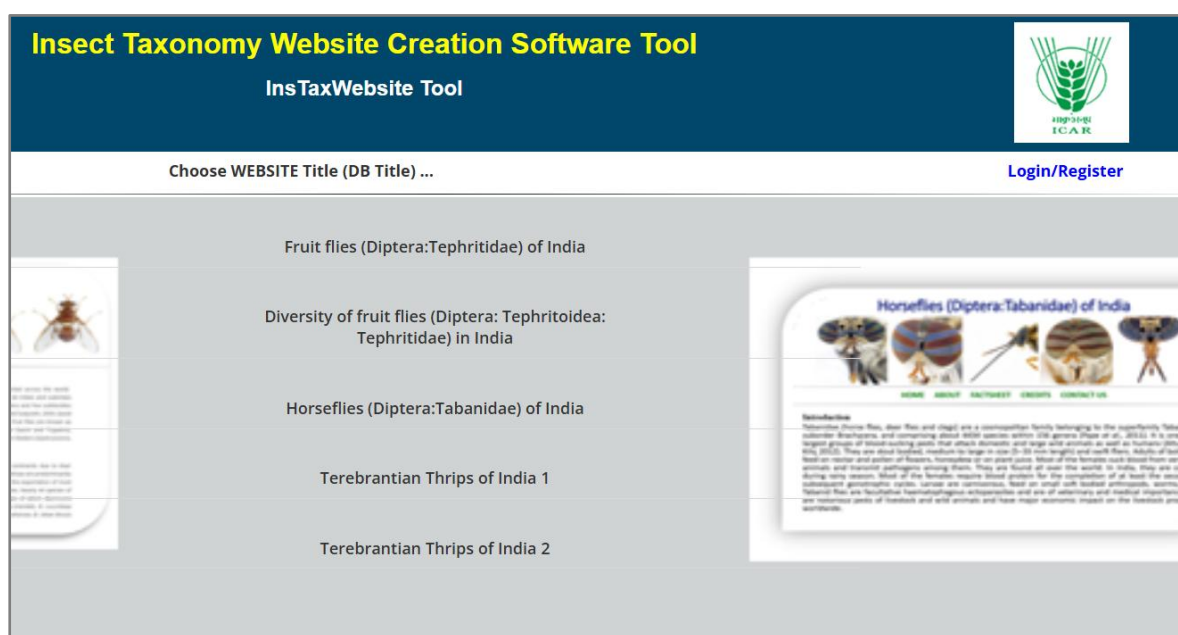


# Manual to use the software 'InsTaxWebsite' tool, to create the website on insect taxonomy aspect

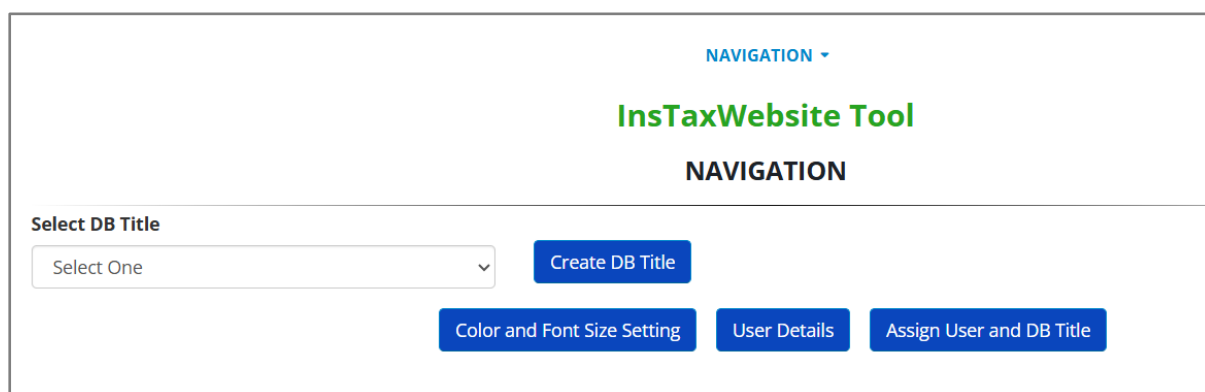
## 1. Login / Registration and creation of website title

The website address to use this tool is at <https://taxonomywebsitetool.nbair.res.in>



**Figure 1.** Home page of the 'InsTaxWebsite Tool' at <https://taxonomywebsitetool.nbair.res.in>

Registration is required to create the website on Insect taxonomy aspect. After logged in, the user has to create the 'DB Title'. The 'DB Title' refers the name of the Website. Creation of DB Title is mandatory for creation of website and the key menu options under this DB Title. The first page after logged in is shown in Figure 2. The user can enter into 'Navigation' by selecting the DB Title for adding the details. The features of Navigation Page with different menu options, is given in Figure 3.



**Figure 2.** First page of InsTaxWebsite Tool after logged in and to create/select 'DB Title'

### Title and Footer Entry

**DBTitle\***

**Logo 1**

No file chosen

**Logo 2**

No file chosen

**Footer Text**

**Footer Image 1**

No file chosen

**Footer Image 2**

No file chosen

**Figure 3.** Options for website title, Footer information with images upload for header and footer

## 2. Navigation

The Navigation option is important to manage the website like to create the various menu items and to select the design pattern, option to show the menu item visible in the website. Hence, the Navigation page shows the options, 'Menu Item', 'No. of Design', 'Visible', 'Current Design' and 'Action', which are clearly mentioned to develop the website. The Website link will be generated automatically and displayed in the Navigation page. The various menu items and its options are given in Fig.

4.'Entry Form' is given to each menu item to create the web pages for each of the menu item. 'Log out', option is given under 'Navigation' menu item.

### Terebrantian Thrips of India 1

HOME ▾ FACTSHEET ▾ NAVIGATION ▾

#### InsTaxWebsite Tool

#### NAVIGATION

Select DB Title

Terebrantian Thrips of India 1 ▾

Website Link:- <https://taxonomywebsitetool.nbair.res.in/Home.php?DBTitleId=13>

Sl. No	Menu Item	No. of Design	Visible	Current Design	Action
1	Home (page 1)	3	<span style="color: green;">●</span>	1 ▾	<input style="width: 50px;" type="button" value="Save"/> <input style="width: 80px;" type="button" value="Entry Form"/>
2	About (page 1)	1	<span style="color: orange;">●</span>	1	<input style="width: 50px;" type="button" value="Save"/> <input style="width: 80px;" type="button" value="Entry Form"/>
3	Classification (page 1)	1	<span style="color: orange;">●</span>	1	<input style="width: 50px;" type="button" value="Save"/> <input style="width: 80px;" type="button" value="Entry Form"/>
4	Genera/SubGenera (page 1)	1	<span style="color: orange;">●</span>	1	<input style="width: 50px;" type="button" value="Save"/> <input style="width: 80px;" type="button" value="Entry Form"/>
5	Morphology (page 1)	1	<span style="color: orange;">●</span>	1	<input style="width: 50px;" type="button" value="Save"/> <input style="width: 80px;" type="button" value="Entry Form"/>
6	Factsheet (page 1)	1	<span style="color: green;">●</span>	1	<input style="width: 50px;" type="button" value="Save"/> <input style="width: 80px;" type="button" value="Entry Form"/>
7	Factsheet (page 2)	2		2 ▾	<input style="width: 50px;" type="button" value="Save"/>
8	Checklist (page 1)	1	<span style="color: orange;">●</span>	1	<input style="width: 50px;" type="button" value="Save"/> <input style="width: 80px;" type="button" value="Entry Form"/>
9	Bibliography (page 1)	1	<span style="color: orange;">●</span>	1	<input style="width: 50px;" type="button" value="Save"/> <input style="width: 80px;" type="button" value="Entry Form"/>
10	Credits (page 1)	1	<span style="color: orange;">●</span>	1	<input style="width: 50px;" type="button" value="Save"/> <input style="width: 80px;" type="button" value="Entry Form"/>
11	Contact Us (page 1)	1	<span style="color: orange;">●</span>	1	<input style="width: 50px;" type="button" value="Save"/> <input style="width: 80px;" type="button" value="Entry Form"/>
12	Links (page 1)	1	<span style="color: orange;">●</span>	1	<input style="width: 50px;" type="button" value="Save"/> <input style="width: 80px;" type="button" value="Entry Form"/>

**Figure 4.** Navigation Page to create and manage the various menu items for the website

Through the 'Entry Form', the user has to enter the details of the web page. The common features for the entry form of each menu options are Edit/Delete option given to edit or delete the content under each category. Upload Image options given in Home, About, Factsheet, Morphology categories to add pictures in the web pages as per the requirement. Add Link option given in Genera/SubGenera, Factsheet, Morphology, Checklist categories to navigate to another page or within the page or external link of these categories. Double clicking of the menu item shows the web view of the corresponding menu item.

### 3. Home and About Pages

The Home and About pages are almost same and to convey the introduction about the website. The Entry Form of Home page is given in Figure 5, Figure 6 and Figure 7.

The Add Content option gives provision to add the Main Heading and Sub Headings and Description as text. Add Images option is to add images/pictures of file types \*.jpg or \*.png file formats and the maximum file size is around 5MB. Home page contains 3 design patterns and shown the design patterns in Figure 8, 9,10. The entry form and view of About Page after adding the content and images are given in Figure 11 and 12.

**Terebrantian Thrips of India 1**

NAVIGATION ▾

**Home Details**

Add Images
Add Content

Index No.	Heading Description	Action
No record found . . . !		

**Figure 5.** Entry form of Home Menu Item

# Terebrantian Thrips of India 1

**NAVIGATION ▾**

## Home Menu Entry

<b>Heading Name</b> <input type="text"/> Introduction	<b>Heading Type</b> <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2
<b>Description</b> <div> </div> <pre>&lt;p&gt;Thrips constitute a single order of insects, the Thysanoptera with around 6500 described species in two suborders, nine families and six subfamilies across the world (ThripsWiki, 2023). Thysanoptera is well distributed worldwide in temperate and tropical zones, but they are more diverse in the warm tropical areas than in the colder regions (Iftikhar et al., 2016). Thrips are rarely noticeable due to their small size. The adults have four slender wings fringed with long marginal cilia, from which the name Thysanoptera is derived, but their most remarkable feature is the asymmetry of mouth parts, possessing only the left mandible. The larvae have a pair of tarsal claws and in the adults, these are modified to a pair of spoon-shaped sclerites between which lies the bladder like arolium that can be hydrostatically dilated (Mound and Heming, 1991). The life cycle is in between holometabolous and hemimetabolous insects; the feeding immature ones are larvae, and all species have more than one pupal stadium (Moritz, 1995).&lt;/p&gt;</pre>	

Add Html Style Submit Back

# Terebrantian Thrips of India 1

NAVIGATION ▾

Logout

## Home Details

---

Add Images
Add Content

Index No.	Heading Description	Action
1	<p><u>Introduction</u></p> <p>[ ●Main Heading ○Sub Heading 1 ○Sub Heading 2 ]</p> <p>Thrips constitute a single order of insects, the Thysanoptera with around 6500 described species in two suborders, nine families and six subfamilies across the world (ThripsWiki, 2023). Thysanoptera is well distributed worldwide in temperate and tropical zones, but they are more diverse in the warm tropical areas than in the colder regions (Iftikhar et al., 2016). Thrips are rarely noticeable due to their small size. The adults have four slender wings fringed with long marginal cilia, from which the name Thysanoptera is derived, but their most remarkable feature is the asymmetry of mouth parts, possessing only the left mandible. The larvae have a pair of tarsal claws and in the adults, these are modified to a pair of spoon-shaped sclerites between which lies the bladder like arolium that can be hydrostatically dilated (Mound and Heming, 1991). The life cycle is in between holometabolous and hemimetabolous insects; the feeding immature ones are larvae, and all species have more than one pupal stadium (Moritz, 1995).</p>	<div>Edit</div> <div>Delete</div>

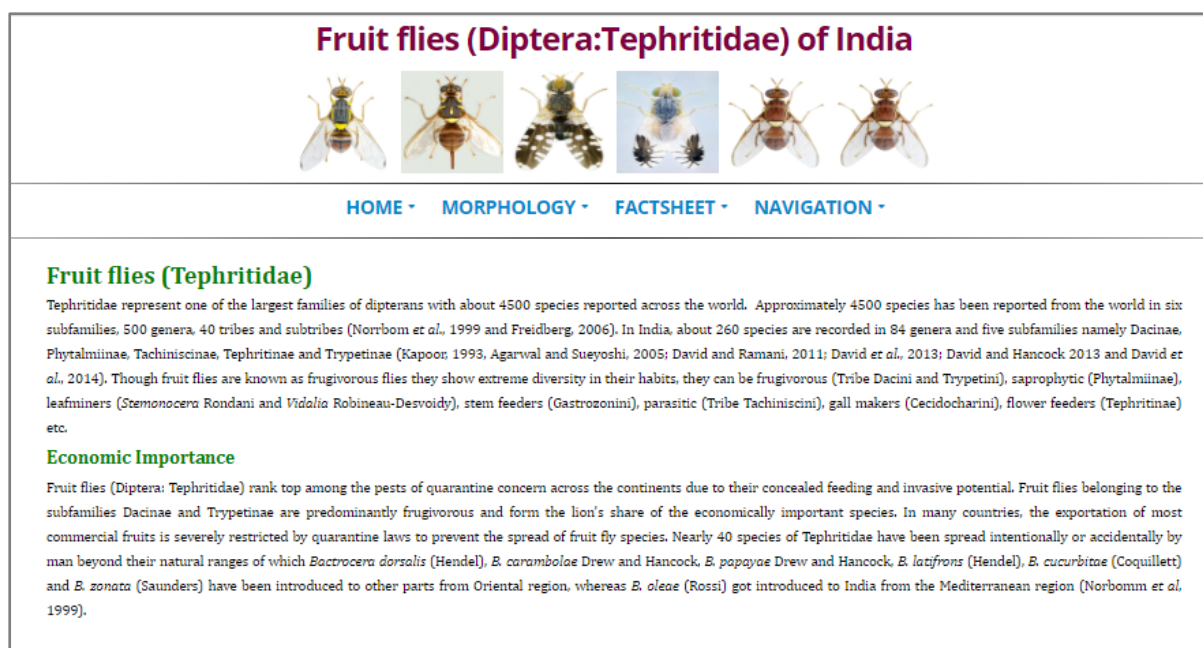


Figure 8. Home Page with Design 1 pattern

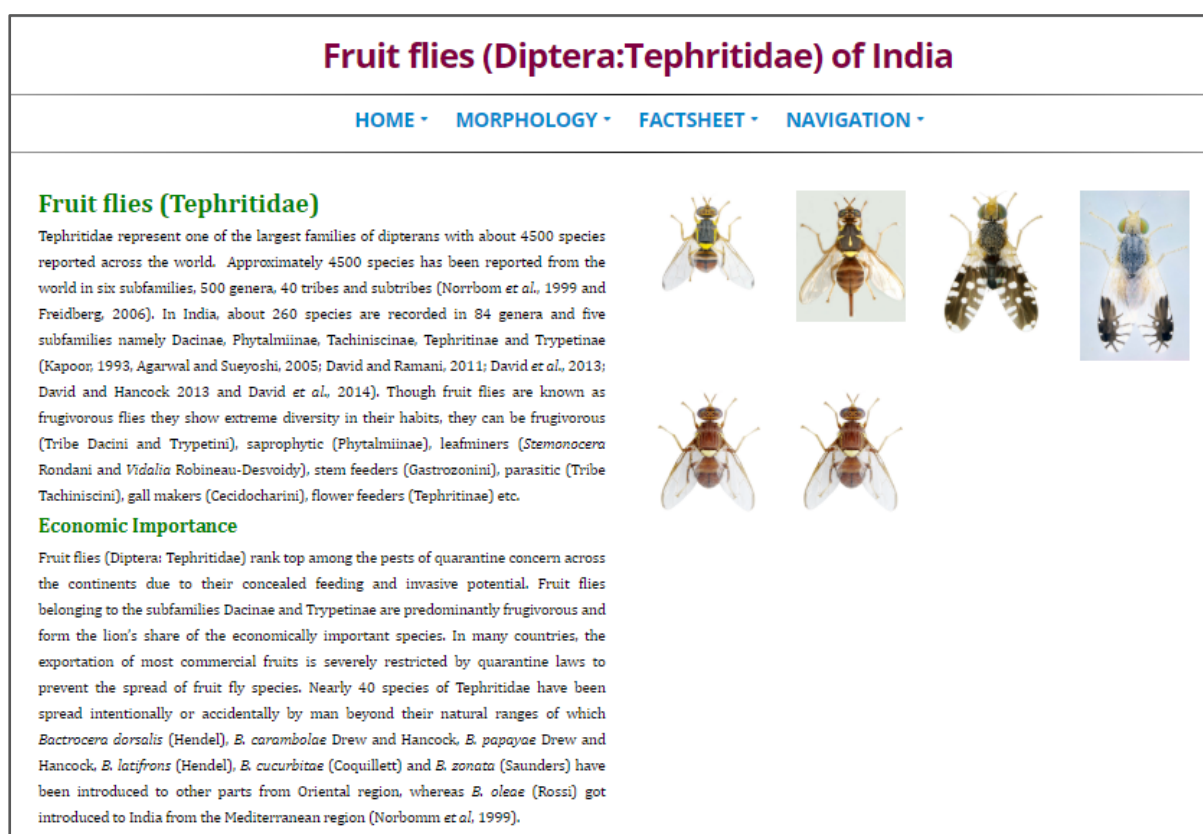


Figure 9. Home page with Design 2 pattern

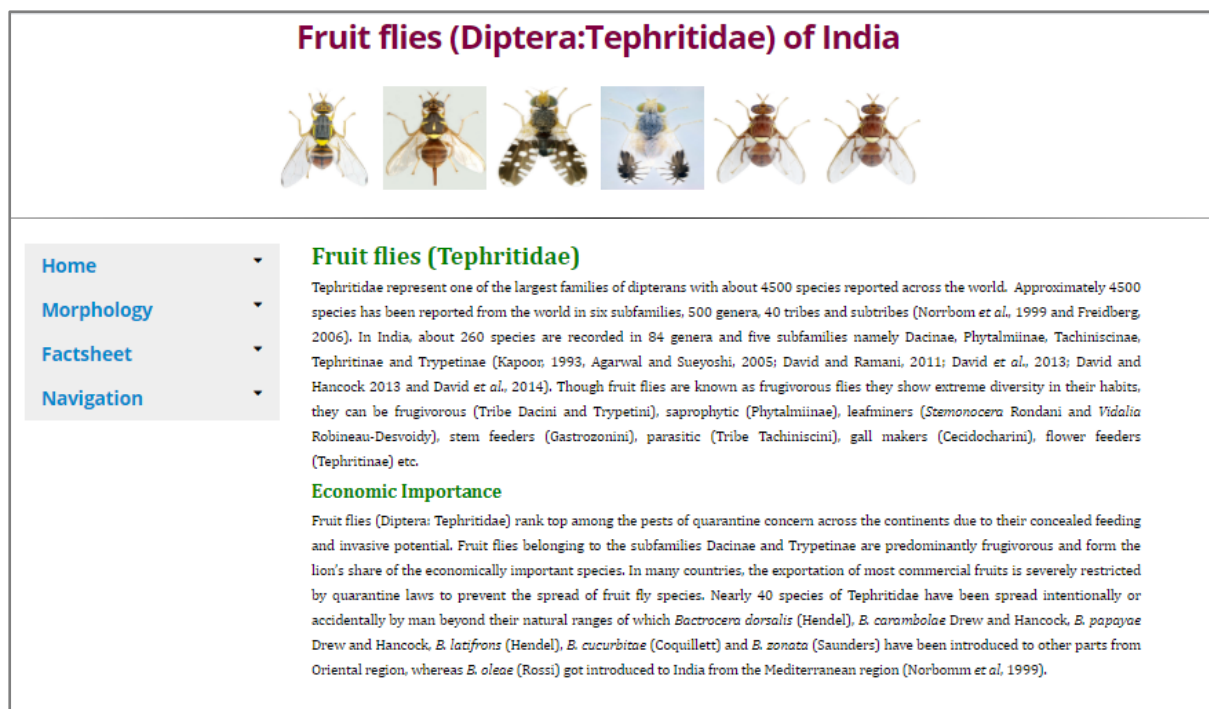


Figure 10. Home Page with Design 3 pattern

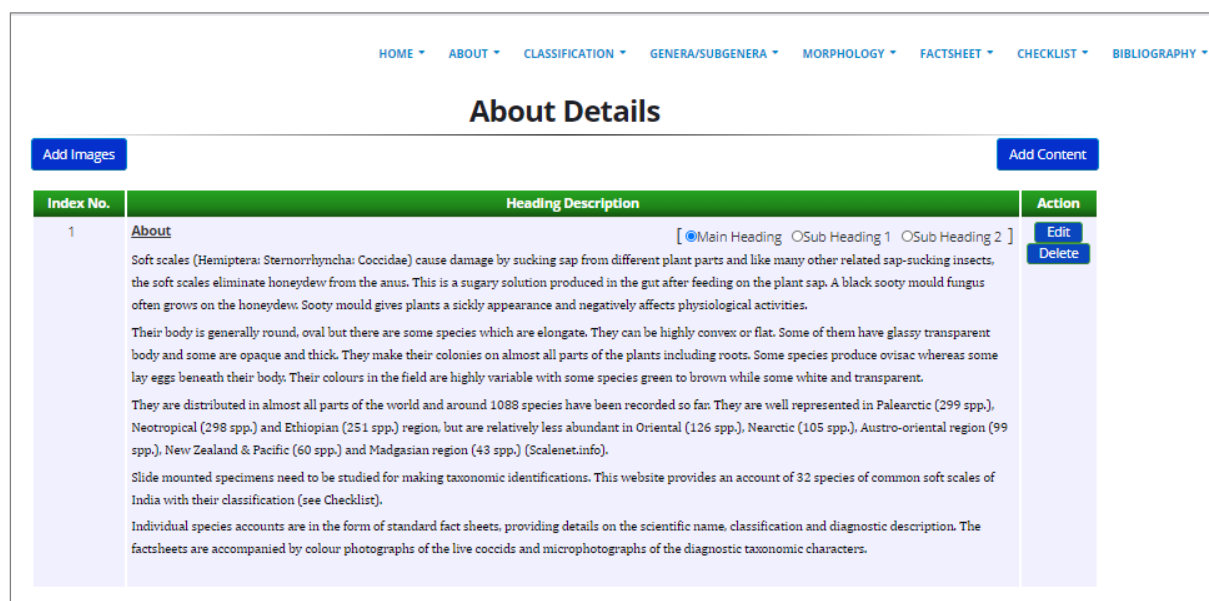
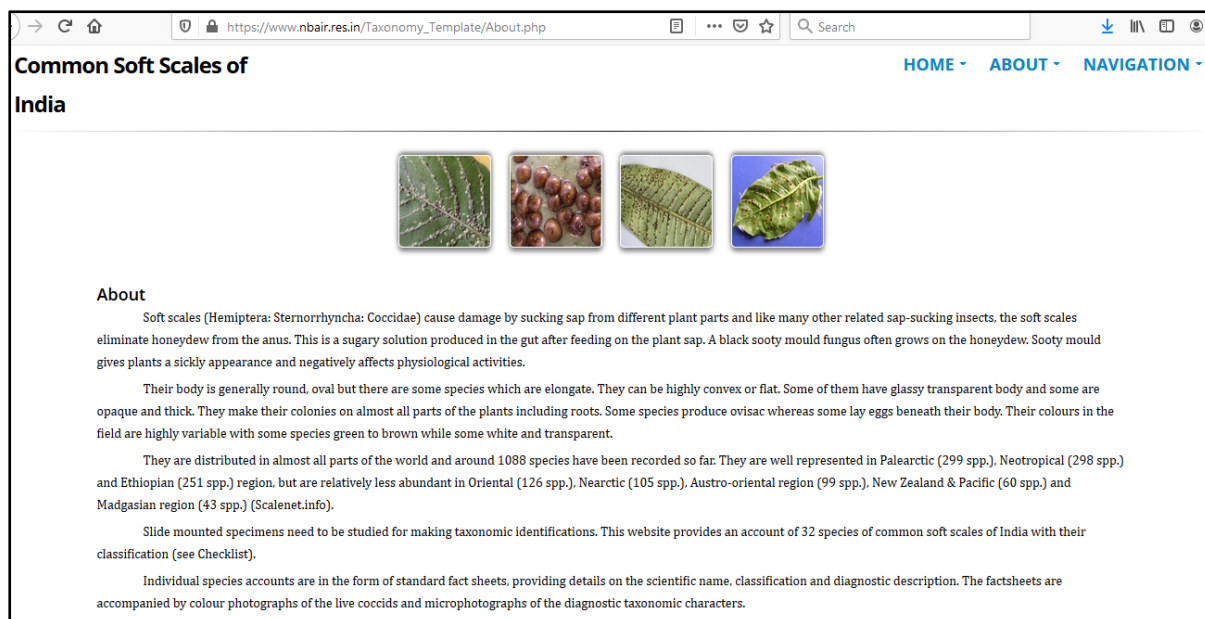


Figure 11. The 'Add Images' option in About webpage



**Figure 12.** The view of About Page after adding the content and images

#### 4. Classification Page

The entry form of Classification page is given in Figure 13 and Figure 14. Classification is based on FAMILY or TRIBE and link is to be provided to navigate to the detailed page. Classification Entry Form allows the user to add content in the form of Main heading, subheadings and description details and the classification web page will be displayed as per the details given by the user.

**Figure 13.** Entry Form of Classification Page



[HOME](#)
[ABOUT](#)
[CLASSIFICATION](#)
[GENERA/SUBGENERA](#)
[MORPHOLOGY](#)
[FACTSHEET](#)
[CHECKLIST](#)
[BIBLIOGRAPHY](#)

## Classification Details

[Add Content](#)

Index No.	Heading Description	Action
1	<p><u>Classification of family Coccidae</u> [ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ]</p> <p>I have followed the classification that was suggested by Hodgson (1994) when he redescribed the adult females of the type species of all the known soft scale genera. This classification was based on the structure of the adult females and on male morphology as studied since about 1960. He divided the Coccidae into 10 subfamilies, namely CARDIOCOCCINAE Hodgson, CEROPLASTINAE Atkinson, CISSOCOCCINAE Brain, COCCINAE Fallen, CYPHOCOCCINAE Hodgson, EULECANIINAE Koteja, ERIOPELTINA Sulc, FILIPPIINAE Bodenheimer, MYZOLECANIINAE Hodgson, PSEUDOPULVINARIINAE Tang, with the Coccinae divided into four tribes, viz., Coccini Fallén, Paralecaniini Williams, Pulvinariini Targoni Tozzetti and Saissetini Hodgson. He considered that the status of these groupings needed further study.</p>	<a href="#">Edit</a> <a href="#">Delete</a>
2	<p><u>COCCIDAE - The soft scales</u> [ <input type="radio"/> Main Heading <input checked="" type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ]</p> <p>The family Coccidae is the third largest family within the Coccoidea, with approximately 1100 species in about 160 genera (Ben-Dov, 1993; Hodgson, 1994). A typical adult female soft scale is characterised by the presence of:</p>	<a href="#">Edit</a> <a href="#">Delete</a>
3	<p>[ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ]</p> <p>(i) a pair of more or less triangular anal plates (except in <i>Physokermes</i>),  (ii) a deep anal cleft,  (iii) sunken ventral microducts,  (iv) an eversible anal tube to assist in honeydew elimination,  (v) an anal ring composed of two sclerotised crescents, each with setae and pores  (vi) eyespots which, even when lying in the line of the marginal spines, appear to be slightly displaced onto the dorsum,  (vii) one-segmented labium,  (viii) marginal setae.</p>	<a href="#">Edit</a> <a href="#">Delete</a>

**Figure 14.** Entry form of Classification page with Edit/Delete option

## 5. Genera/Sub Genera Page

Genera/Sub Genera page is created to add Genera/Sub Genera details by using the Entry Form of it. This can be navigated to 2<sup>nd</sup> page by using ‘Add Content’ option within the subgenus heading and the content can be further Add, Edit, Delete under each species in the list. The entry form of Genera/Sub Genera are given in Figure 15 and Figure 16.

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[MORPHOLOGY](#)
[FACTSHEET](#)
[CHECKLIST](#)

## Genera/SubGenera Details

[Add Content](#)

Index No.	Heading Description	Action
1	<p><u>Genus: Xylocopa Latreille, 1802</u> [ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ]</p> <p>Of the 375 species of <i>Xylocopa</i> worldwide we treat 34 confirmed to occur in India.</p>	<a href="#">Edit</a> <a href="#">Delete</a>
2	<p><u>SUBGENERA</u> [ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ]</p> <p><i>Biluna</i>, <i>Ctenoxylocopa</i>, <i>Hoploxylocopa</i>, <i>Koptortosoma</i>, <i>Maaiana</i>, <i>Nodula</i>, <i>Nyctamelitta</i>, <i>Platynopoda</i>, <i>Proxylocopa</i>, <i>Xylocopa</i>, <i>Zonohirsuta</i></p>	<a href="#">Edit</a> <a href="#">Delete</a>
3	<p><u>Subgenus Biluna</u> [ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ]</p>	<a href="#">Edit</a> <a href="#">Delete</a>
4	<p><i>Xylocopa auripennis</i> Lepeletier, 1841</p>	<a href="#">Add Content</a> <a href="#">Edit</a> <a href="#">Delete</a>

**Figure 15.** Genera/SubGenera Entry Form for Page 1



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### Xylocopa auripennis Lepeletier, 1841 Features

Genera Page 2 Details

[Add Content](#)

Index No.	Heading	Action
1	<u>Taxonomic Placement</u> [ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ] Apidae : Xylocopinae : Xylocopini	<a href="#">View</a>
2	<u>Other Names</u> [ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ] <b>Synonyms, original combination, subspecies</b> - <i>Xylocopa hemichlora</i> Cockerell, 1929; <i>Xylocopa iridipennis</i> van <i>semipurpurea</i> Cockerell, 1929; <i>Xylocopa auripennis</i> van <i>phenachroa</i> Cockerell, 1929; <i>Xylocopa iridipennis</i> Lepeletier, 1841; <i>Xylocopa pictipennis</i> Smith, 1874; <i>Xylocopa (Biluna) auripennis iridipennis</i> Lepeletier, 1841, valid subspecies; <i>Xylocopa (Biluna) auripennis caspari</i> van der Vecht, 1953, valid subspecies	<a href="#">View</a>
3	<u>Original Taxonomy</u> [ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ] Original genus - <i>Xylocopa</i>	<a href="#">View</a>
4	<u>Common name</u> [ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ] Golden-winged Bamboo-Carpenter	<a href="#">View</a>
5	<u>Behaviour</u> [ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ] Nesting - Bamboo	<a href="#">View</a>

[Back](#)

**Figure 16.** Genera/SubGenera Entry Form for Page 2

## 6. Morphology Page

Morphology Entry Form allows to add the morphology details about the insect species by giving Main heading, Subheadings and Description details. The user can create 'Link Text', which helps to navigate to the next page of morphology based on character/shape/structure wise and can upload the relevant pictures as well. The entry form of Morphology page is given in Figure 17 and Figure 18.

[MORPHOLOGY](#) [NAVIGATION](#)

### Morphology Details

[Add Content](#)

Index No.	Heading Description	Action
1	<u>Basic shape and size</u> [ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ] Young teneral females of most Coccidae are broadly oval and flat but a few tend to be long and narrow. A few remain more or less flat as they age but some expand laterally, becoming nearly round in outline, while others often become highly convex. Most adult female Coccidae are between about 2 and 6 mm long, but some species may grow to a large size up to 10 mm in length.	<a href="#">Edit</a> <a href="#">Delete</a>

[Click Add Link Item](#)

**Figure 17.** Entry Form of Morphology Page 1

## Morphology New Link Entry

Link Text\*

Description

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B I S I<sub>x</sub> 1<sup>m</sup> 2<sup>m</sup> ¶ ⌕ ” Styles Format ?

Upload Image

Browse...

No files selected.

Add Html StyleSubmit

**Figure 18.** Entry Form of Morphology Page 2

## 7. Fact Sheet Page

The feature ‘Add Content’ is given to add the content as in the form of Main heading, Sub headings and Description details. The feature ‘Add species’ is plays an important role to add the nomenclature/classification details up to species level. The set of species details can be given by uploading the MS-Excel file and by clicking ‘Import MS-Excel File’. The template file is given for the reference and can be viewed by clicking the option, ‘Species Import Template’. The file must contain the details as Order, Superfamily, Family, Subfamily, Tribe, Subtribe, Genera, Subgenera, Species, Name of the author, year, Original (Y/N) and Synonyms. The Original (Y/N) option refers, whether the author is original, which means that the author name to be mentioned without parenthesis.

The 'Fact Sheet', 2<sup>nd</sup> page contains information about (i) Taxonomy placement or Classification as per the nomenclature (ii) Synonyms (iii) Common names (iv) Behaviour (v) Biology (vi) Distribution details (vii) Seasonal occurrence (ix) Host plants recorded and (x) Pictures as per the species selection. The entry forms of Factsheet web pages are given in Figures 19 - 24.

Common Soft Scales of India
HOME
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FACTSHEET
NAVIGATION

### Factsheet Details

Add Content

Index No.	Heading Description	Action
No record found ...!		

### Species Details

Add Species

Sl No.	Species	Action
No record found ...!		

**Figure 19.** Entry Form of Factsheet with Add Content and Add Species features

Common Soft Scales of India
MORPHOLOGY
NAVIGATION

### Factsheet Species Data Entry

Import MS-Excel File
Species Import Template

Upload The files

Choose File
No file chosen

Order

Super Family

Family

Sub Family

Tribe

Sub Tribe

Genera

Sub Genera

Species Name

Author

Year

Original
☐Yes ☐No

Synonyms

**Figure 20.** Entry form for Add Species details in Fact sheet page

## Common Soft Scales of India

[MORPHOLOGY](#)
[FACTSHEET](#)
[NAVIGATION](#)

### Factsheet Species Data Entry

[Import MS-Excel File](#)
[Species Import Template](#)

**Upload The files**

[Choose File](#) Species Imp...Format-3.xlsx

Order	Genera	Species Name	Author	Year	Original
Insecta	Cardiococcus	bivalvatus	Green	1903	No
Insecta	Ceronema	fryeri	Greeb	1922	Yes
Insecta	Ceroplastes	destructor	Newstead	1917	No
Insecta	Ceroplastes	rubens	Maskell	1893	No
Insecta	Coccus	formicarii	Green	1896	No
Insecta	Coccus	hesperidum	Linnaeus	1758	No
Insecta	Coccus	latioperculatum	Green	1922	No
Insecta	Coccus	longulus	Douglas	1887	No
Insecta	Coccus	viridis	Green	1889	No

[Upload Species Details](#)

**Order**

**Super Family**

**Family**

**Sub Family**

**Tribe**

**Sub Tribe**

**Genera**

**Sub Genera**

**Species Name**

**Author**

**Year**

**Original**

☐ Yes ☐ No

**Synonyms**

[Submit](#)
[Back](#)

**Figure 21.** Entry form to upload the species details as MS-Excel File

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[MORPHOLOGY](#)
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[CHECKLIST](#)

## Factsheet Details

[Add Content](#)

Index No.	Heading Description	Action
No record found . . . !		

**Species Details**

[Add Heading](#)
[Add Species](#)

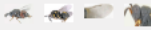
Index No.	Species	Action
1	<a href="#">Factsheet Index</a> [ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ]	<a href="#">Edit</a> <a href="#">Delete</a>
2	<a href="#">Subfamily: Chalcidinae</a> [ <input type="radio"/> Main Heading <input checked="" type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ]	<a href="#">Edit</a> <a href="#">Delete</a>
3	<a href="#">Brachymeria Westwood, 1829</a>	<a href="#">Edit</a> <a href="#">Delete</a>
4	<a href="#">Chalcis Fabricius, 1787</a>	<a href="#">Edit</a> <a href="#">Delete</a>
5	<a href="#">Conura Spinola, 1837</a>	<a href="#">Edit</a> <a href="#">Delete</a>
6	<a href="#">Cratocentrus Cameron, 1907</a>	<a href="#">Edit</a> <a href="#">Delete</a>
7	<a href="#">Brachymeria albicrus (Klug)</a>	<a href="#">Edit</a> <a href="#">Delete</a>
8	<a href="#">Brachymeria albotibialis (Ashmead)</a>	<a href="#">Edit</a> <a href="#">Delete</a>

**Figure 22.** Entry Form for Add species feature in Factsheet page 1

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### Brachymeria Westwood , 1829 Features

**Factsheet Page2 Details**
Add Content

Index No.	Heading Description	Action
1	<u>Taxonomy</u> <span>[ <input checked="" type="radio"/> Main Heading   <input type="radio"/> Sub Heading 1   <input type="radio"/> Sub Heading 2 ]</span> <p>Hymenoptera: Chalcidoidea: Chalcididae: Chalcidinae</p>	<a href="#">View</a>
2	<u>Diagnosis</u> <span>[ <input checked="" type="radio"/> Main Heading   <input type="radio"/> Sub Heading 1   <input type="radio"/> Sub Heading 2 ]</span> <p>Antennae with eleven segments.  Gaster attached at coxae broad.  Gaster sessile, petiole mostly concealed in dorsal view; propodeal spiracle elongate in oblique subhorizontal direction.  Frontogenal sulcus below eyes distinct, usually carinate (Fig. 4).  Postmarginal vein often longer than short stigma (Fig. 5).</p> 	<a href="#">View</a>
3	<u>Biology/Hosts</u> <span>[ <input checked="" type="radio"/> Main Heading   <input type="radio"/> Sub Heading 1   <input type="radio"/> Sub Heading 2 ]</span> <p>host details</p>	<a href="#">View</a>
4	<u>Distribution</u> <span>[ <input checked="" type="radio"/> Main Heading   <input type="radio"/> Sub Heading 1   <input type="radio"/> Sub Heading 2 ]</span> <p>Distribution details...</p>	<a href="#">View</a>

**Factsheet Page2 Images**

Upload Image  
 No file chosen

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**Figure 23.** Entry form for add details under each species in Factsheet page 2

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[MORPHOLOGY](#)
[FACTSHEET](#)
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### Brachymeria Westwood , 1829 Features

+

Heading Name

Select Heading Name

Select Heading Name

Taxonomy

Diagnosis

Biology/Hosts

Distribution

References

Taxonomic Position

Nomenclature

Synonyms

Male attractant

Heading Type

☒ Main Heading  
☐ Sub Heading 1  
☐ Sub Heading 2

Upload Image

No file chosen

Add Html Style

Submit

[Back](#)

**Figure 24.** Entry form for add details under each species of Factsheet Page 2

## 8. Checklist Page

The Checklist Entry Form allows the user to Add content in the form of Main heading, Sub heading and Description. ‘Add Link Item’, option has given to add more content and can be navigated to the same page / Next Page or any external URL. The entry form of Checklist is given in Figure 25 and Figure 26.

The screenshot shows the 'Checklist Details' page. At the top, there is a navigation bar with links: HOME, ABOUT, CLASSIFICATION, GENERA/SUBGENERA, MORPHOLOGY, FACTSHEET, and CHECKLIST. Below the navigation bar, the title 'Checklist Details' is centered. To the right of the title is an 'Add Content' button. The main content area is a table with three columns: Index No., Heading Description, and Action.

Index No.	Heading Description	Action										
1	<u>Checklist of Indian Chalcididae (Hymenoptera: Chalcidoidea)</u> [ <input type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input checked="" type="radio"/> Sub Heading 2 ] The Indian fauna consist of 70 species under 32 genera in 8 subfamilies (scalenet.info) <a href="#">Add Link Item</a>	<a href="#">Edit</a> <a href="#">Delete</a>										
2	<u>TOTAL RECORDED SUBFAMILIES (5)</u> [ <input checked="" type="radio"/> Main Heading <input type="radio"/> Sub Heading 1 <input type="radio"/> Sub Heading 2 ] <table border="1"><thead><tr><th>Index No</th><th>Link Data</th></tr></thead><tbody><tr><td>1</td><td>Chalcidinae Same Page <a href="#">Add Content</a> <a href="#">View</a></td></tr><tr><td>2</td><td>Dirhininae Same Page <a href="#">Add Content</a> <a href="#">View</a></td></tr><tr><td>3</td><td>Epitraninae Same Page <a href="#">Add Content</a> <a href="#">View</a></td></tr><tr><td>4</td><td>Haltichellinae Same Page <a href="#">Add Content</a> <a href="#">View</a></td></tr></tbody></table> <a href="#">Add Link Item</a>	Index No	Link Data	1	Chalcidinae Same Page <a href="#">Add Content</a> <a href="#">View</a>	2	Dirhininae Same Page <a href="#">Add Content</a> <a href="#">View</a>	3	Epitraninae Same Page <a href="#">Add Content</a> <a href="#">View</a>	4	Haltichellinae Same Page <a href="#">Add Content</a> <a href="#">View</a>	<a href="#">Edit</a> <a href="#">Delete</a>
Index No	Link Data											
1	Chalcidinae Same Page <a href="#">Add Content</a> <a href="#">View</a>											
2	Dirhininae Same Page <a href="#">Add Content</a> <a href="#">View</a>											
3	Epitraninae Same Page <a href="#">Add Content</a> <a href="#">View</a>											
4	Haltichellinae Same Page <a href="#">Add Content</a> <a href="#">View</a>											

Figure 25. Entry form of Checklist

The screenshot shows the 'Checklist Same Page Link Entry' form. At the top, there is a navigation bar with links: HOME, ABOUT, CLASSIFICATION, GENERA/SUBGENERA, MORPHOLOGY, FACTSHEET, and CHECKLIST. Below the navigation bar, there are three buttons: 'Same Page', 'Next Page', and 'External URL'. The title 'Checklist Same Page Link Entry' is centered. Below the title, there is a form with a 'Link Text' label and a text input field. To the right of the input field is a 'Submit' button. Below the input field is a 'Back' button.

Figure 26. Link Entry for the content from Checklist

## 9. Bibliography Page

Bibliography entry form allows the user to enter the name of the authors, year of publication and reference details like title of the paper and journal name. The entry form of Bibliography is given in Figure 27. The web view of Bibliography page is given in Figure 28.

HOME ▾ ABOUT ▾ CLASSIFICATION ▾ GENERA/SUBGENERA ▾ MORPHOLOGY ▾ FACTSHEET ▾ CHECKLIST ▾ BIBLIOGRAPHY ▾

## Bibliography Menu Entry

Author's Name

Year

Reference

Submit Back

**Figure 27.** Entry form of Bibliography Page

ABOUT ▾ CLASSIFICATION ▾ GENERA/SUBGENERA ▾ MORPHOLOGY ▾ FACTSHEET ▾ CHECKLIST ▾ BIBLIOGRAPHY ▾ CREDITS ▾

All | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |

1. Ashmead, 1899. Classification of the bees, or the superfamily Apoidea Transactions of the American Entomological Society, 49-100, US, Philadelphia.
2. Ashmead, 1904. Descriptions of new genera and species of Hymenoptera from the Philippine Islands, with descriptions of new species. Proceedings of the United States National Museum, 127-158, 2 pls., US, Washington, DC.
3. Blanchard, 1844. Insectes recueillis à l'Himalaya, par Victor Jacquemont. In Voyage dans l'Inde, par Victor Jacquemont, pendant les années 1828 à 1832: Descriptions des collections, Paris, Typographie de Frimin Didot Frères, 13-31, FR, Paris.
4. Cameron, Cameron, 1901. On the Hymenoptera collected during the "Skeat Expedition" to the Malay Peninsula, 1899-1900. Proceedings of the Zoological Society of London, 16-44, UK, London.

**Figure 28.** Web view of Bibliography Page

## 10. Credits and Links Pages

CREDITS Page can be created by using the CREDITS Entry form which helps to add content in the form of Headings and Description.

LINKS Entry form helps to add the Headings for Hyper Link Text and the URL for the Link Text. Option has given whether the URL should open in the same page or new page.

Common Soft Scales of  
India

HOME ▾ ABOUT ▾ CLASSIFICATION ▾ MORPHOLOGY ▾ FACTSHEET ▾ BIBLIOGRAPHY ▾ CREDITS ▾ NAVIGATION ▾

Website designed and developed by:

Dr M.Prathepa  
Principal Scientist, ICAR- National Bureau of Agricultural Insect Resources (NB AIR). India  
<http://www.nbair.res.in/prathepa.php>

**Figure 29.** Entry form of CREDITS page



**Common Soft Scales of India** HOME ABOUT CLASSIFICATION MORPHOLOGY FACTSHEET BIBLIOGRAPHY CREDITS LINKS NAVIGATION

Heading Entry Link Entry

### Link Entry

Link Text\*

Open In\*

☒ Same Tab

☐ New Tab

URL\*

Submit Back

**Figure 30.** Entry form of LINKS Page

## 11. Contact Us Page

The Contact details entry form allows the user to add the contact details with different titles by using ‘Add Content’ button. Google location map can be added in Contact Us by using Google Location button.

HOME ABOUT CLASSIFICATION GENERA/SUBGENERA MORPHOLOGY FACTSHEET CHECKLIST

### Contact Details

Google Location Add Content

Index No.	Heading Description	Action
1	<u>Mailing Address</u> The Director ICAR-National Bureau of Agricultural Insect Resources H.A. Farm Post, Bellary Road Bangalore - 560 024.	Edit Delete
2	<u>Email</u> director.nbaii@gmail.com	Edit Delete

**Figure 31.** Entry form of Contact Us page

## 12. Color and Font Setting

Selection of font, font size, color of each object like database title, header, body, footer, menu item, main headings, sub headings, footer text and background color for menu items, header, body, footer can be set by using the option Color and Font Setting. The features of Color and Font Setting is given in Figure 32.

Navigation

DB Title

Select One

▼

Add DBTitle

Color and Font Size Setting

User Details

Assign User and DBTitle

---

[HOME](#) [ABOUT](#) [CLASSIFICATION](#) [GENERA/SUBGENERA](#) [MORPHOLOGY](#) [FACTSHEET](#) [CHECKLIST](#)

Font Size and Color

DB Title	Color	992424 <div style="width: 30px; height: 15px; background-color: #992424; border: 1px solid #ccc;"></div>	Size	x-large ▼	Font Family	Times New Ro
Header(Background)	Color	ffffff <div style="width: 30px; height: 15px; background-color: #ffffff; border: 1px solid #ccc;"></div>		<div style="border: 1px solid #ccc; padding: 2px;"> xxx-large  xx-large  <b>x-large</b>  large  larger  medium  small  x-small  xx-small </div>		
Body(Background)	Color	ffffff <div style="width: 30px; height: 15px; background-color: #ffffff; border: 1px solid #ccc;"></div>				
Footer(Background)	Color	ffffff <div style="width: 30px; height: 15px; background-color: #ffffff; border: 1px solid #ccc;"></div>				
Menu Item(Background)	Color	fbcb01 <div style="width: 30px; height: 15px; background-color: #fbcb01; border: 1px solid #ccc;"></div>				
Menu Items	Color	0088cc <div style="width: 30px; height: 15px; background-color: #0088cc; border: 1px solid #ccc;"></div>	Size	large ▼	Font Family	Times New Ro
Main Heading	Color	000000 <div style="width: 30px; height: 15px; background-color: #000000; border: 1px solid #ccc;"></div>	Size	large ▼	Font Family	Times New Ro
Sub Heading	Color	000000 <div style="width: 30px; height: 15px; background-color: #000000; border: 1px solid #ccc;"></div>	Size	larger ▼	Font Family	Times New Ro
Sub Heading 2	Color	000000 <div style="width: 30px; height: 15px; background-color: #000000; border: 1px solid #ccc;"></div>	Size	medium ▼	Font Family	Times New Ro
Footer Text	Color	000000 <div style="width: 30px; height: 15px; background-color: #000000; border: 1px solid #ccc;"></div>	Size	medium ▼	Font Family	

Submit

Back

**Figure 32.** Color and Font settings for different key pages and menu options

The developed website content is stored at ICAR-NBAIR server located at ICAR-National Bureau of Agricultural Insect Resources, Bangalore, Karnataka, India and the website link will be created automatically with a key “DB-Title”, and displayed at Navigation page. The user can use this Web link to showcase the developed website on insect taxonomy.

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