

WORK PROFILE



Dr. J. Swamy
Botanical Survey of India
Deccan Regional Centre
Hyderabad

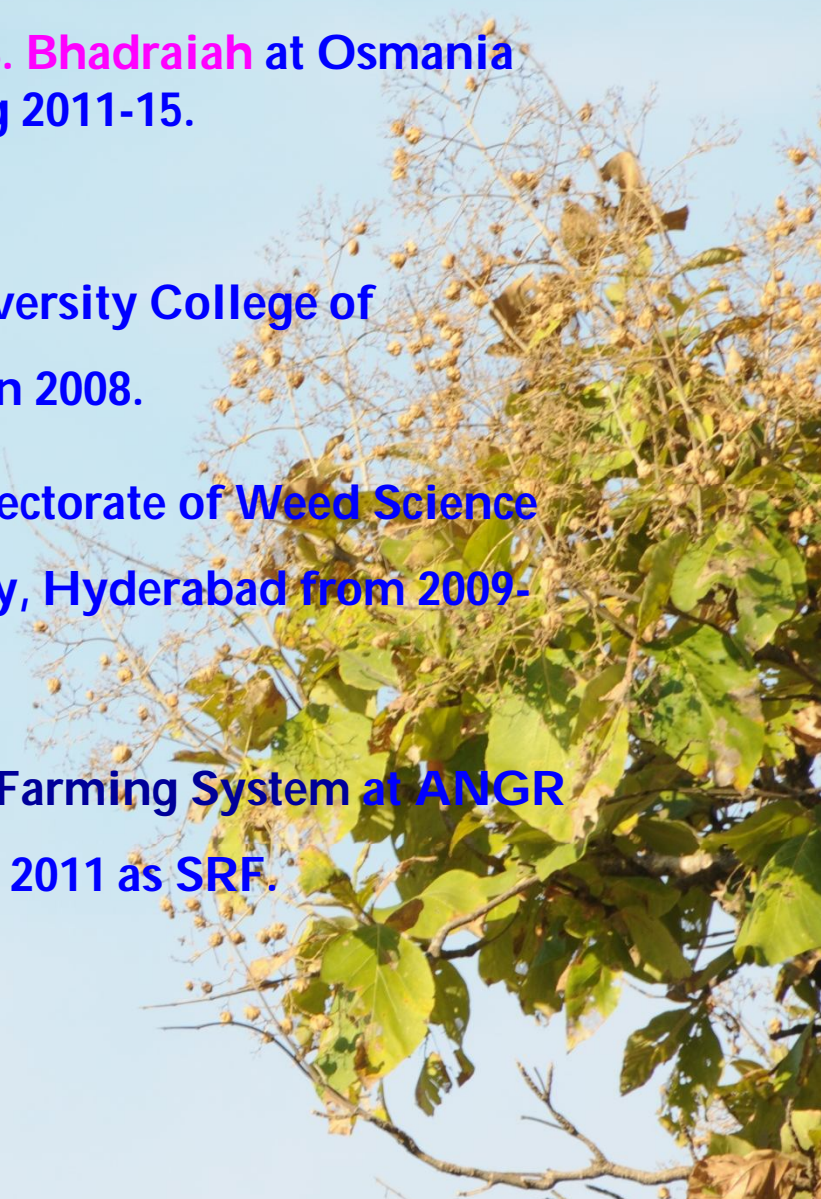


Ph D: FLORISTIC STUDIES ON POCHARAM WILD LIFE SANCTUARY, TELANGANA STATE

Worked for Ph.D. under the guidance of **Prof. B. Bhadraiah** at Osmania University, Hyderabad, Telangana State, during 2011-15.

Other projects:

- Worked on a project on "Natural Dyes" at University College of Technology, Osmania University, Hyderabad in 2008.
- Invasive weed flora of Andhra Pradesh in Directorate of Weed Science Research Centre, ANGR Agricultural University, Hyderabad from 2009-2010 as Weed Surveillance Inspector.
- All India Crop Research Project on Integrated Farming System at ANGR Agricultural University, Hyderabad, from 2010- 2011 as SRF.



BSI, SRC 5th September 2013 - 14th May 2014

- Karaivetti Wildlife Sanctuary, Tamil Nadu (2013-2015)**
- Vadavur Wildlife Sanctuary, Tamil Nadu (2013-2015)**

No. of field tour conducted : one

No. of filed numbers collected : 140

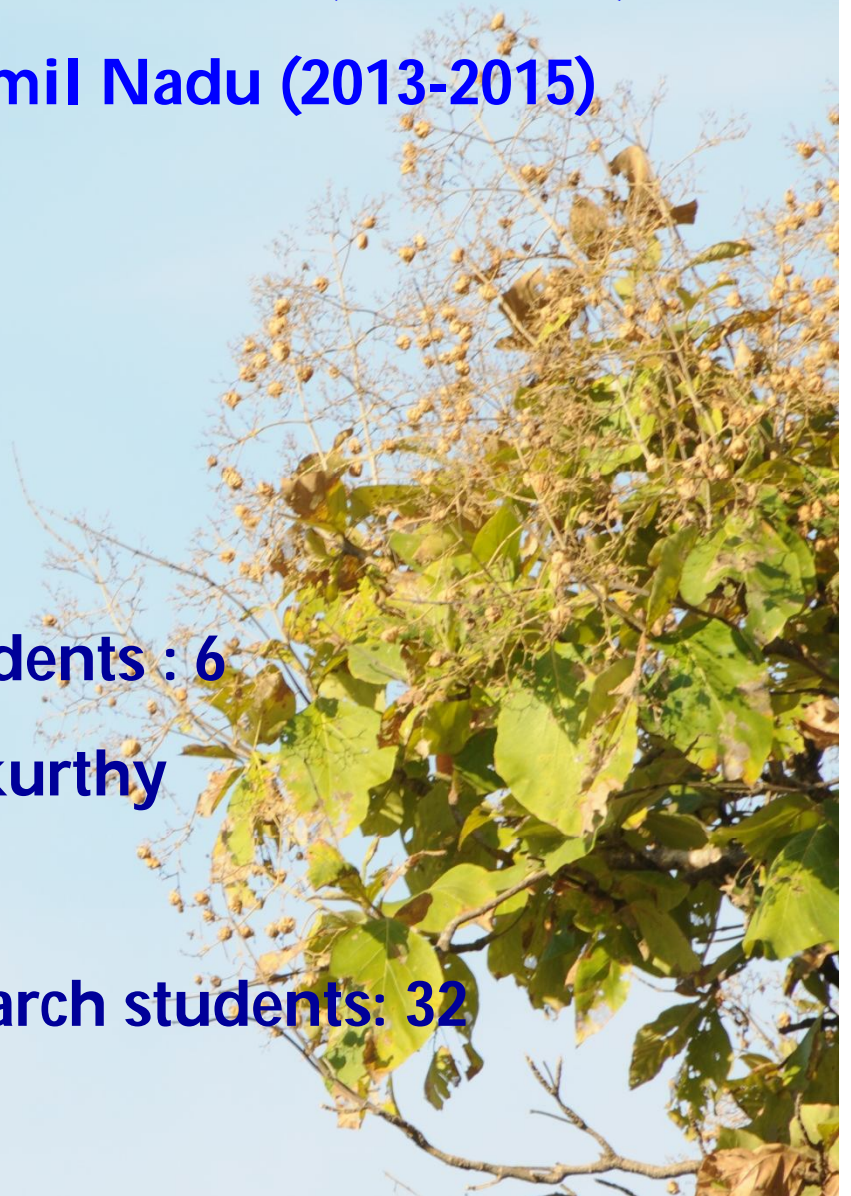
No. of filed numbers : 100

Delivered lectures for TNAU students : 6

No. of species identified for Mukurthy

National Park : 135

No. of species identified for research students: 32



AAP Project: Sacred Groves of Andhra Pradesh - Conservation Assessment

Name of the executing officials: Dr. M. Ahmedullah, Scientist F & Dr. J. Swamy, Bot. Asst.

Date of Initiation and Date of completion : April 2012 - March 2017

Objectives:

- ❖ To assess the sacred groves of the state from a conservation perspective.
- ❖ To identify the true 'sacred groves' to facilitate conservation planning.



SUMMARY OF PROJECT ON SACRED GROVES (2012-2017)

- **Field tours conducted** - 27
- **Field numbers/collections** - 1330
- **Species recorded** - 1837
- **Species Identified** - 715
- **Groves covered** - 85



Involved in floristic surveys of other Projects

- **Seshachalam Biosphere Reserve :**

No. of field tour conducted : One (1)

No. of filed numbers collected : 82

No. of filed numbers : 94

- **Nagarjuna Sagar Srisailam Tiger Reserve: 02/150**

- **Kawal Tiger Reserve:**

No. of field tour conducted : Two (2)

No. of filed numbers collected : 140

No. of filed numbers : 350

- **Satkosia Tiger Reserve : 01/160**

REPORT OF WORK DURING SERVICE PERIOD (September 2013 - February 2017)

Field tours conducted so far (Andhra Pradesh, Telangana, Odisha and Tamil Nadu)	17
No. of field numbers collected from above tours	1972
No. of specimens identified for the projects viz., Sacred groves, Greater Hyderabad, Kawal Tiger Reserve, Mukurthy National Park, Seshachalam Biosphere Reserve etc.	5159
No. of specimens identified and authentication certificates Issued to various institutions, colleges, private labs etc.	902
No. of species documented for Shrubs of Hyderabad Project	146
No. of species recorded/documentated for sacred groves project	1837
Number sheets segregated and arranged for accessions and Incorporation from MH and BSID	8935
Number specimens incorporated in general herbarium and Type Herbarium	562 & 13

REPORT OF WORK DURING SERVICE PERIOD ... 2

National/international workshops/seminars/conferences/ training programmes attended:	25
Delivered oral presentations	15
Presented poster presentations	8
Delivered lectures in BSI, SRC for TNAU students and two colleges in Telangana	8

AWARDS RECEIVED

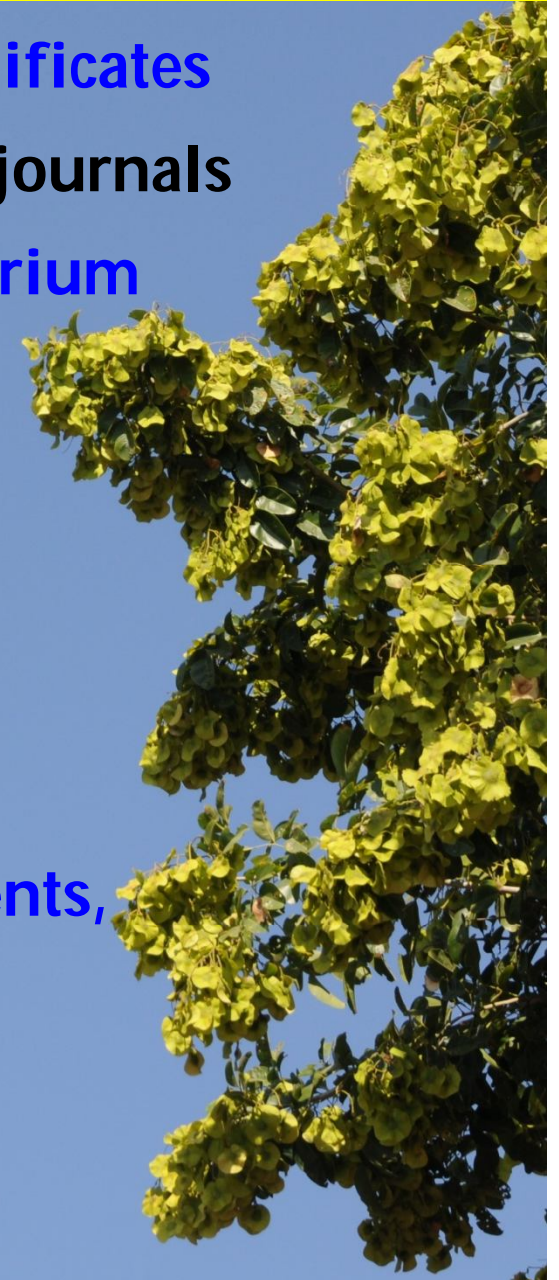
- Best presentation award received for the paper **“Biodiversity of Medicinal and Aromatic Plants of Greater Hyderabad, Andhra Pradesh, India”** in *National Conference on Current Trends in Medicinal, Aromatic plants and plant products* on 17th and 18th March, 2012 at Osmania University, Hyderabad, Andhra Pradesh.
- Best presentation award received for the paper **“Threatened wild Medicinal Plants of Greater Hyderabad, Andhra Pradesh, India”** in *National Conference on Current status and Recent Advances in Medicinal and Aromatic plants Research* on 17th and 18th February, 2012 at Hyderabad, Andhra Pradesh.

Training programme

Three months training given to Scientist, ICAR-Directorate of Weed Research, Jabalpur on **“Herbarium Techniques and weed identification/documentation”** from 11th May, 2015 to 21st August, 2015.

Administrative/miscellaneous duties

- Identifying and issuing Authentication Certificates
- Library In-charge : rearranged books and journals
- Herbarium In-charge: maintenance of herbarium
- Compilation of Monthly Reports
- Compilation of E-news
- Compilation of Annual Reports
- Preparing miscellaneous reports
- Member of Purchase Committee
- Providing service to research scholars, students, scientists and visitors etc.



Publications: Booklet 01; Research papers 17

Novelties: Two

Artabotrys manoranjani

Glochidion talakonense

New Reports: 17 India: 3; Peninsular India: 3; States : 11

Dipcadi montanum var. *madrasicum* (E.Barnes & C.E.C. Fisch.) Deb & S. Dasgupta (Asparagaceae)

Lindernia viscosa (Hornem.) Merr. (Scrophulariaceae)

Dyschoriste erecta (Burm.f.) Kuntze (Acanthaceae)

Schoenoplectus corymbosus (Roth ex Roem. & Schult.) J. Raynal (Cyperaceae)

Acmella radicans var. *debilis* (Kunth) R.K. Jansen (Asteraceae)

Spermacoe exilis (L.O. Williams) C. D. Adams ex W.C. Burger & C.M. Taylor (Rubiaceae)

Cylindropuntia fulgida var. *mamillata* (Cactaceae- Opuntioideae)

Desmodium zonatum (Leguminosae: Papilionoideae)

Trichosanthes bracteata (Lam.) Voigt (Cucurbitaceae)

Leucas lanata Wall. ex Benth. var. *candida* Haines (Lamiaceae)

Cyperus pulchellus R.Br. (Cyperaceae)

Glochidion zeylanicum var. *arborescens* (Phyllanthaceae)

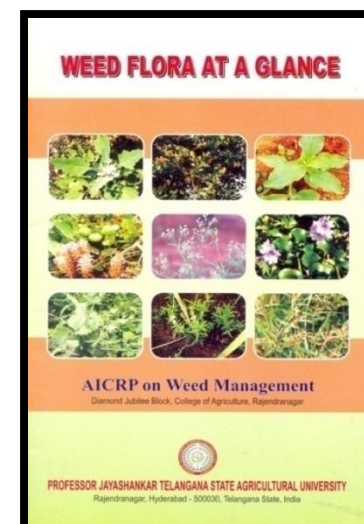
Hyoscyamus albus (Solanaceae)

Gymnanthemum amygdalinum (Asteraceae)

Ichnanthus pallens (Poaceae)

Dendrolobium triangulare (Retz.) Schindl. (Leguminosae-Faboideae)

Vigna vexillata (L.) A. Rich. (Leguminosae-Faboideae)



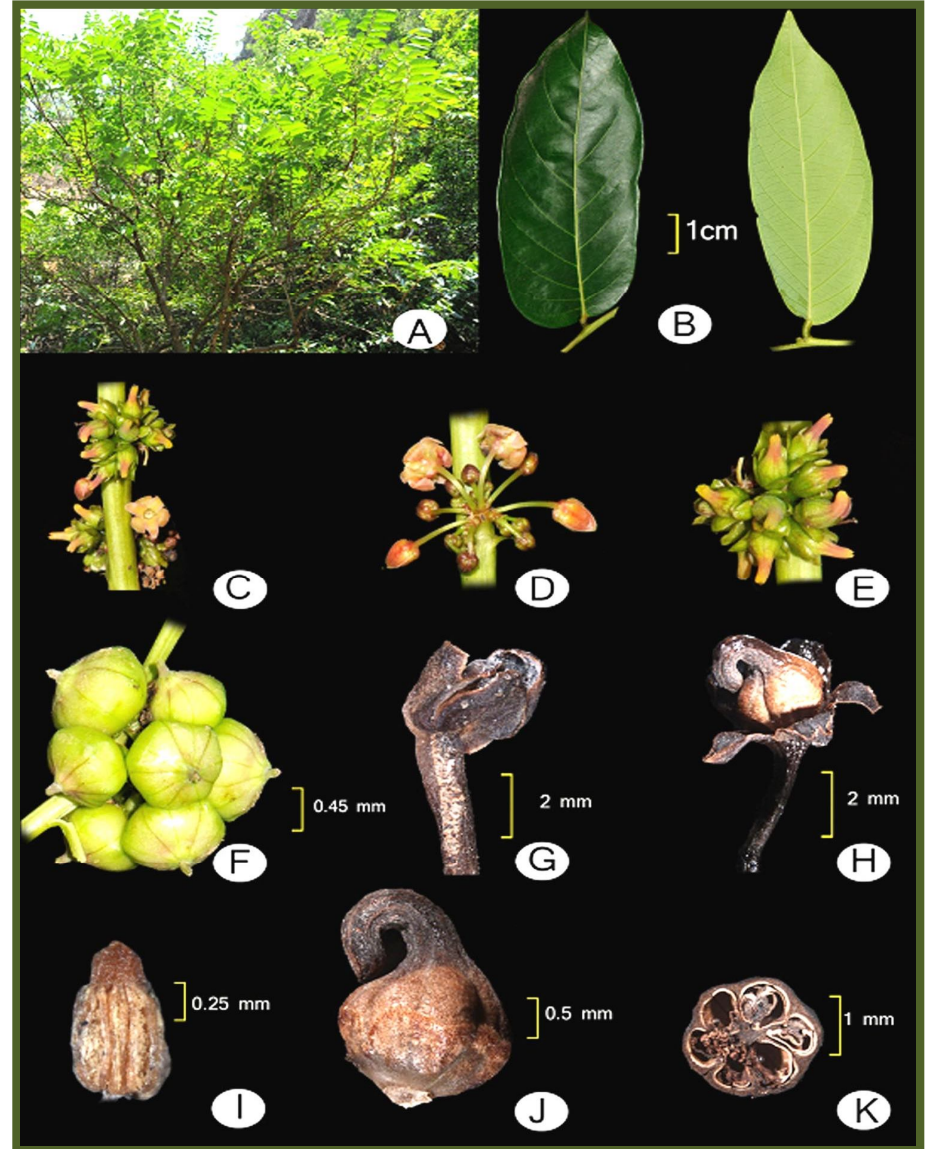
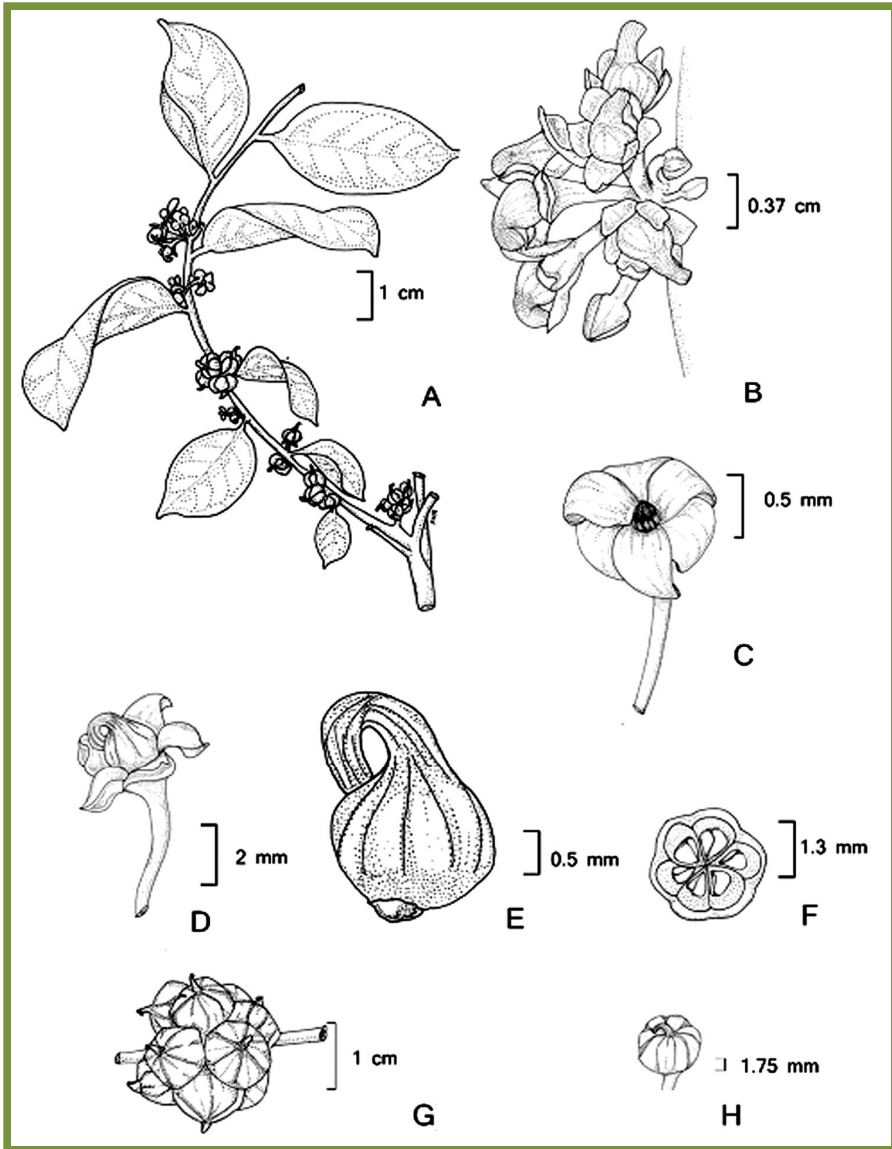
New Species



Flowers

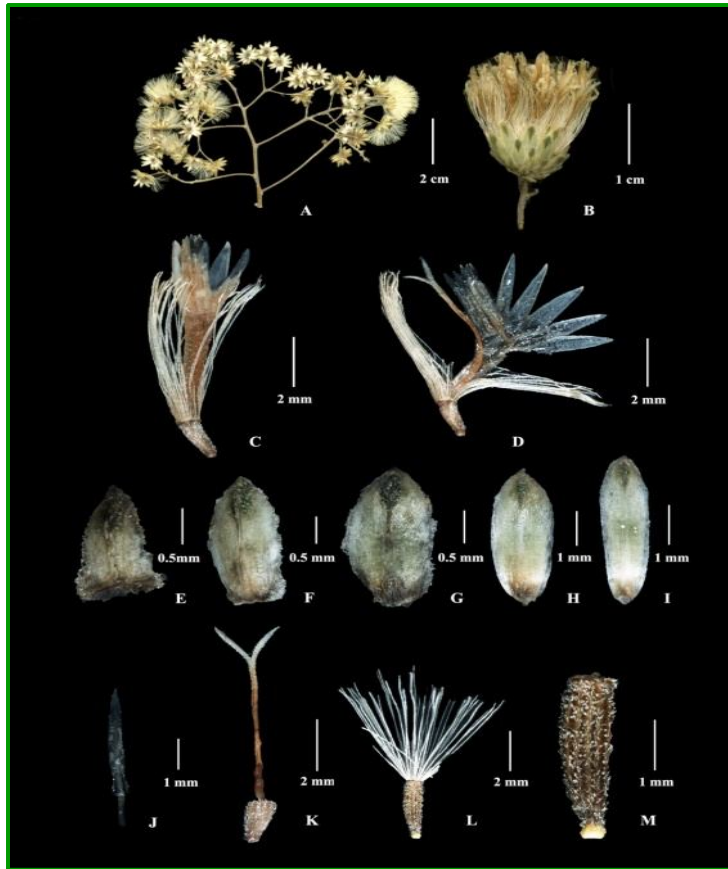
Artabotrys manoranjani M.V. Ramana, J. Swamy & K. Chandramohan

New Species2

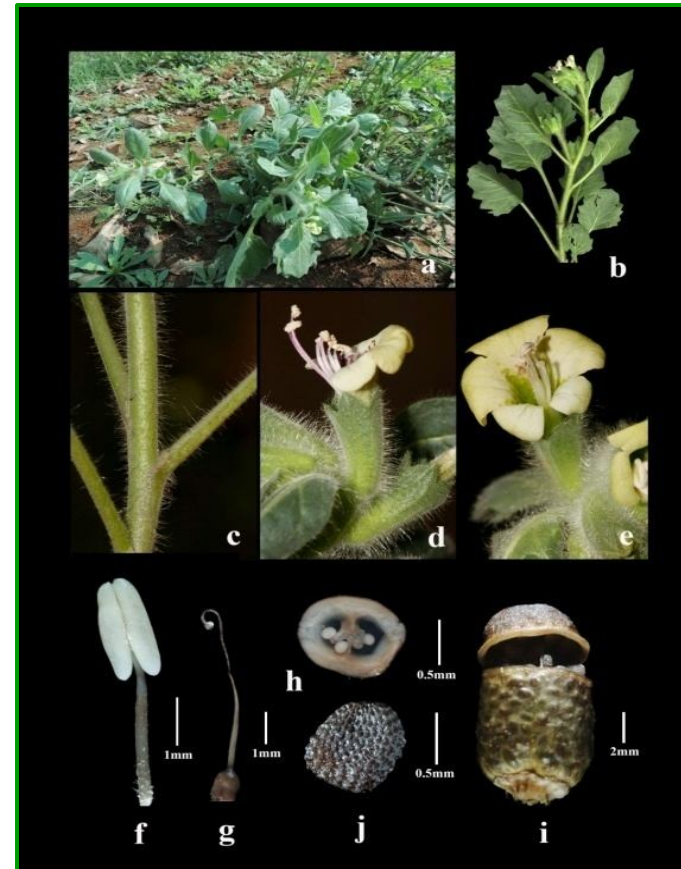


***Glochidion talakonense* sp. nov.** M. Sankara Rao, J. Swamy, S. Nagaraju, S.B. Padal, M. Tarakeswara Naidu, K. Chandra Mohan & T. Thulasiah **sp. nov.**

New Distributional Records: 17 species

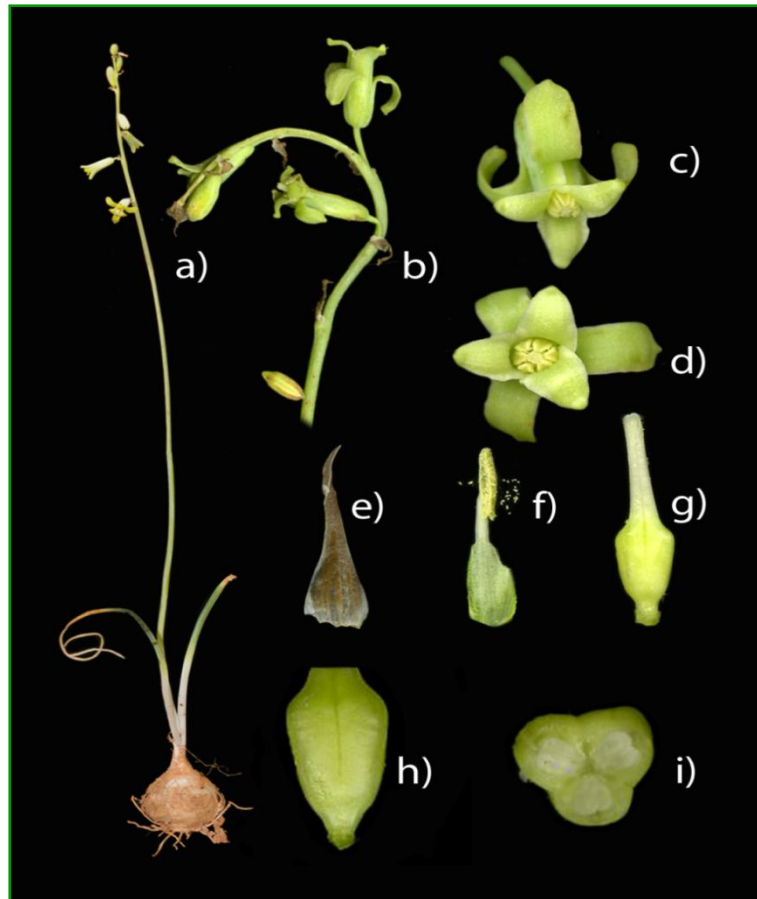


Gymnanthemum amygdalinum
(Delile) Sch.Bip. ex Walp .

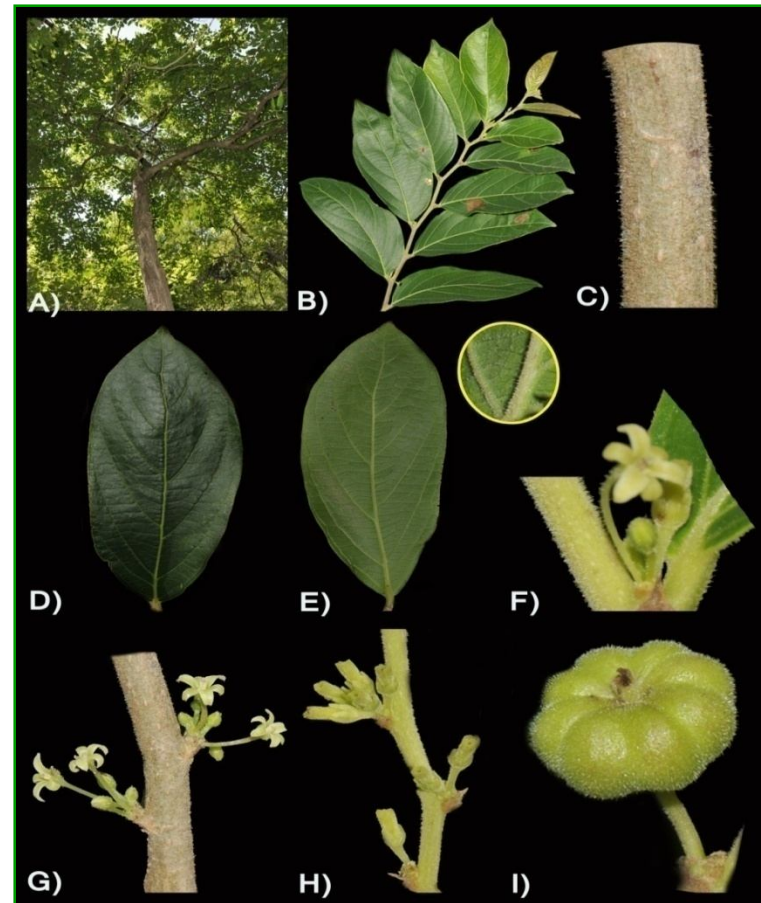


***Hyoscyamus albus* L.**

New Distributional Records.....2



Dipcadi montanum var. *madrasicum*



Glochidion zeylanicum var. *arborescens*

FUTURE PLAN OF RESEARCH

**Flora of Kinnerasani Wildlife Sanctuary, Telangana
(proposed for AAP 2017-2020)**

**Publication of the Shrubs and Climbers of Greater
Hyderabad (Shrubs completed 146 species).**

Cyathocline manilaliana: an endemic species from Pochera Sacred grove, Telangana



THANK YOU