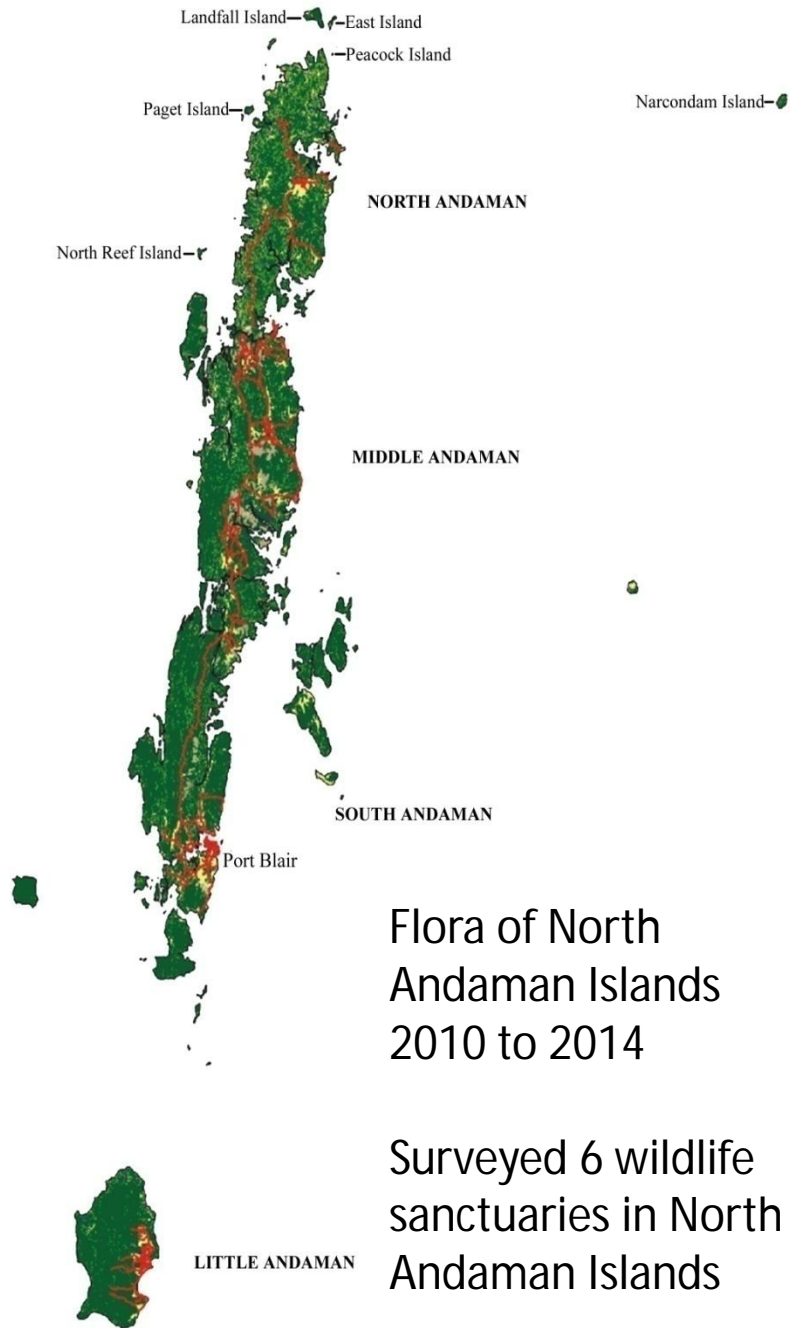


Dr. Mayur Y. Kamble  
Scientist D, BSI, SRC, NOEG, Yercaud

Degree	Title	Remark
<b>Ph. D.</b> Department of Botany, Shivaji University Kolhapur, Maharashtra	Taxonomical studies on Asclepiadaceae and Periplocaceae of Maharashtra	Awarded in 2007  (Supervisor: Prof. (Dr.) S. R. Yadav)
Research Scholar	Name of the Project	Period
<b>Junior Research Fellow</b> (DBT project) Shivaji University Kolhapur, Maharashtra	"Digitized Inventory of Plant Resources, Under-utilized and Potential Ornamental Plants"	13 <sup>th</sup> June 2001 to 30 <sup>th</sup> November 2003
<b>Junior Research Fellow</b> (DBT project) Shivaji University Kolhapur, Maharashtra	"Domestication of Potential Ornamental Plants from the Wild Bioresources of the Western Ghats"	10 <sup>th</sup> December 2004 to 10 <sup>th</sup> December 2006
<b>Senior Research Fellow</b> (DBT project) Shivaji University Kolhapur, Maharashtra	"Domestication of Potential Ornamental Plants from the Wild Bioresources of the Western Ghats"	11 <sup>th</sup> December 2006 to 31 <sup>st</sup> March 2008

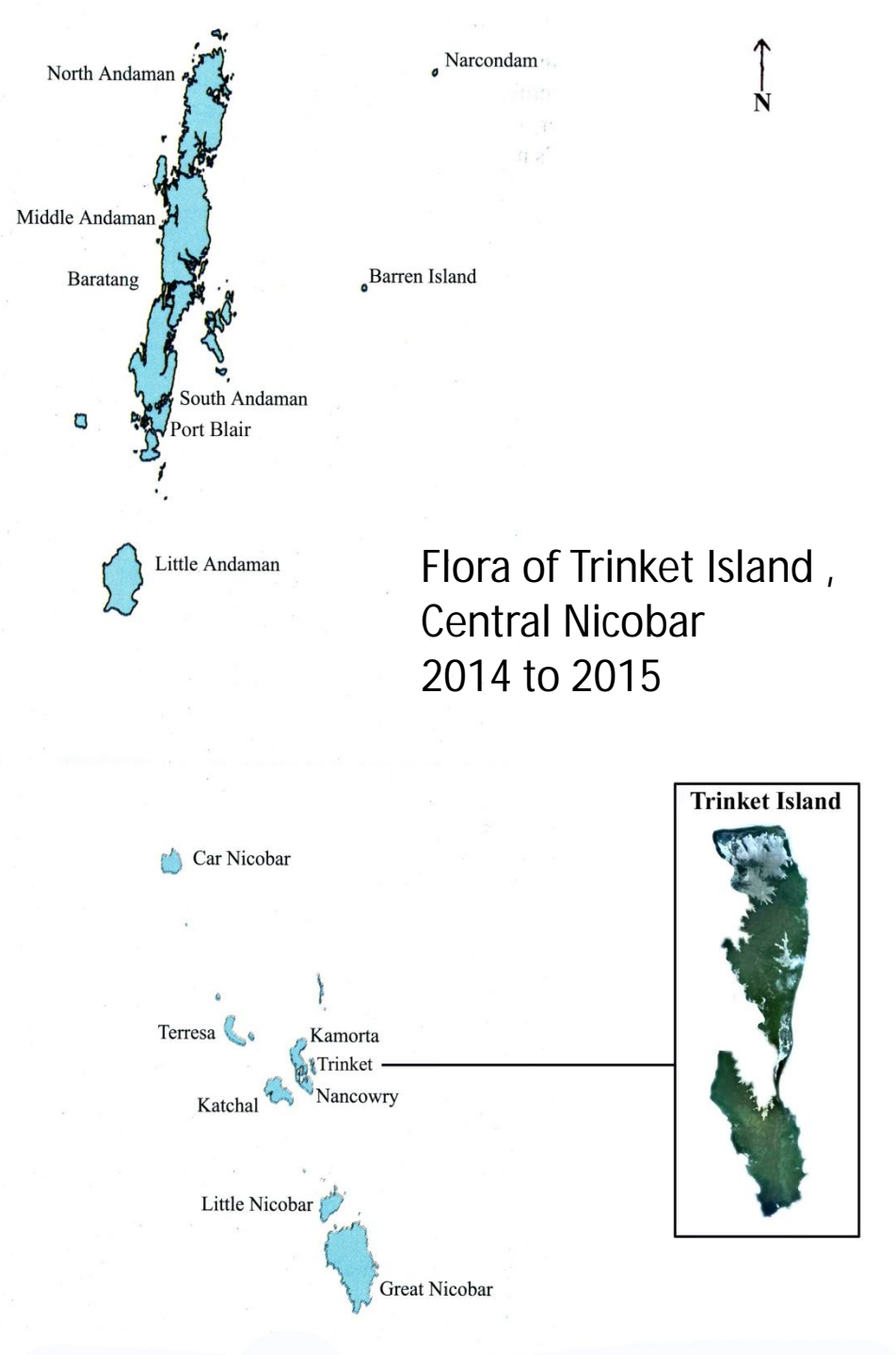
## Annual Action Plan Projects Carried out at BSI, ANRC, Port Blair

Sr. No.	Annual Action Plan projects	Period	Achievements and remark
1.	<b>Flora of North Andaman Islands</b> (East, Narcondam, North Reef, Paget & Peacock Islands Wildlife Sanctuaries )	<b>May 2010 to March 2013</b>	Based on the collections, recorded 352 species under 271 genera and 103 families  <b>Project completed and MS submitted</b>
2.	<b>Flora of Landfall Island Wildlife Sanctuary, North Andaman</b>	<b>April 2013 to March 2014</b>	134 species under 120 genera and 64 families  <b>Project completed and MS submitted</b>
3.	<b>Flora of Trinket Island, Central Nicobar</b>	<b>April 2014 to March 2015</b>	172 species under 155 genera and 74 families  <b>Project completed and MS submitted</b>



Flora of North Andaman Islands 2010 to 2014

Surveyed 6 wildlife sanctuaries in North Andaman Islands



Annual Action Plan Projects  
Carried out at BSI, SRC,  
National Orchidarium & Experimental Garden, Yercaud

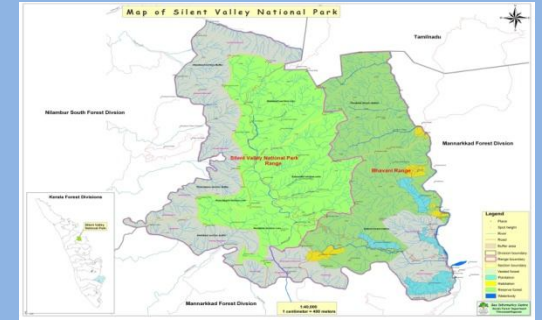
Sr. no.	Annual Action Plan project	Period	Achievements and remark
4.	<b>Flora of Kerala</b> Vol. 6 Amaryllidaceae and Dioscoreaceae	2015 to 2016	<p>Completed manuscript with nomenclature, description, phenological data, distribution and status in all respects for Flora of Kerala Vol. 6 involving family Amaryllidaceae 6 species under 3 genera and for Dioscoreaceae 15 species under 2 genera and a final consolidated manuscript submitted to HOO for publication.</p> <p><b>Project completed and MS submitted</b></p>

## Ongoing Annual Action Plan Projects

Jointly, (Dr. M.Y. Kamble & Dr. T. S. Saravannan)

Sr. No.	Annual Action Plan Projects	Period	Achievements
5.	<p><b>Flora of Kerala</b> Study of specimens and completion of manuscript.</p> <p>Bromiliaceae , Haemodoraceae, Taccaceae, Trichopodiaceae, Smilacaceae, Agavaceae, Dracaenaceae, Hypoxidaceae &amp; Burmaniaeae</p>	2016 to 2017	<p>Studied the herbarium specimens of following families: Bromeliaceae (1 gen. &amp; 1 sp), Haemodoraceae (2 gen. &amp; 2 sp), Taccaceae (1 gen. &amp; 1 sp), Trichopodiaceae (1gen. &amp; 1 ssp) Smilacaceae (1 gen. &amp; 2 sp) Agavaceae (2 gen. &amp; 2 sp), Hypoxidaceae (3 gen. &amp; 3 sp) and Burmanniaceae (1 gen. &amp; 2 sp)</p> <p>Manuscript will be submitted in March2017</p>
6.	<p>Collection, introduction and multiplication of 10 endemic trees species from Silent valley National Park (236.74 sq. km.), Kerala</p>	2016 to 2017	<p>Conducted 2 ex-situ conservation tours to Silent valley National Park</p> <p>Collected and introduced 12 endemic tree species in BSI, SRC, NOEG, Yercaud</p>

# List of endemic tree species introduced and being maintained in NOEG, Yercaud (AAP 2016-2017)



1. *Actinodaphne bourdillonii* Gamble (Lauraceae);
2. *Cinnamomum malabattrum* (Burm. f.) J. Presl (Lauraceae);
3. *Cullenia exarillata* A. Robyns (Bombacaceae);
4. *Elaeocarpus munronii* (Wight) Mast. (Elaeocarpaceae);
5. *Hardwickia binata* Roxb. (Caesalpinaceae);
6. *Holigarna arnottiana* Hook f. (Anacardiaceae);
7. *Holigarna beddomei* Hook f. (Anacardiaceae);
8. *Litsea floribunda* (Blume) Gamble (Lauraceae);
9. *Palaquium ellipticum* (Dalzell) Baill. (Sapotaceae);
10. *Pinanga dicksonii* (Roxb.) Scheffr. (Arecaceae);
11. *Pittosporum neelgherense* Wight & Arn. (Pittosporaceae);
12. *Syzygium laetum* (Buch.-Ham) Gandhi (Myrtaceae)



# Endemic Tree species collected from Silent Valley National Park, Kerala



*Cullenia exarillata* ; *Actinodaphne bourdillonii* ; *Elaeocarpus munronii*; *Pittosporum neelgherense*



*Litsea floribunda* ;

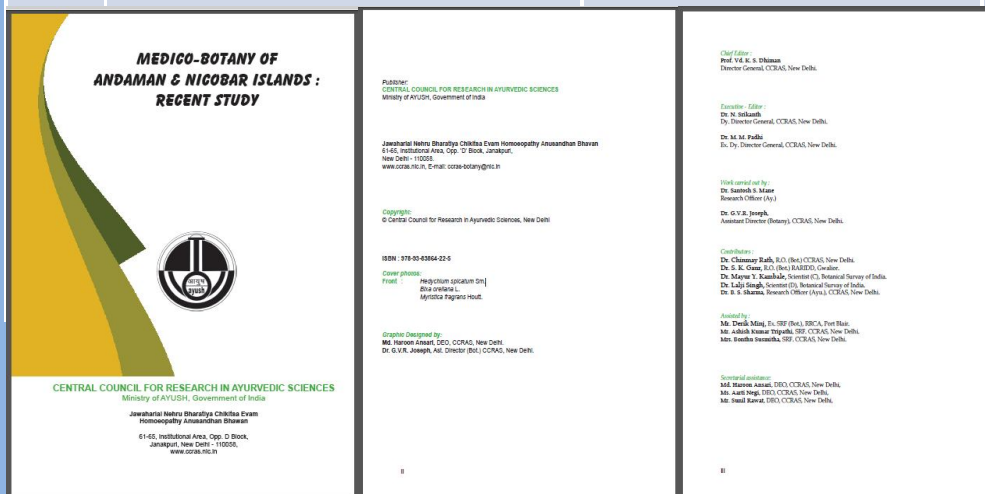
*Pinanga dicksonii*; *Holigarna beddomei* ;

*Syzygium laetum*

# Collaborative project carried out

Sr. no	Name of Project and funding agency	Institutes involved	Role and Duration	Remark
1.	<b>Medico-Botanical Survey of Andaman &amp; Nicobar Islands</b> Funded by CENTRAL COUNCIL FOR RESEARCH IN AYURVEDIC SCIENCES Ministry of AYUSH, Government of India	1. Regional Research Centre of Ayurveda, CCRAS, MoA, Port Blair  2. Botanical Survey of India, ANRC, Port Blair	Worked as <b>Co-Investigator</b>  <b>2013-2015</b>	On the basis of survey and collections from Andaman & Nicobar Islands prepared data of 560 medicinal plants.  Project completed and Final Report submitted in May 2016 and

Published book entitled, **“ Medico-Botany of Andaman & Nicobar Islands : Recent Study ”**





# Administrative works carried out

## I. BSI, ANRC, Port Blair (August 2010 to January 2015)

Sr. no.	Administrative work	Period	Details
1.	<b>SCIENTIST IN-CHARGE</b>	Ca 283 days	2010-2011(67 days); 2011-2012 (90 days); 2012-2013 (34 days); 2013-2014 (41 days); 2014-2015 (51 days).
2.	<b>DRAWING &amp; DISBURSING OFFICER</b>	Ca 22 months	2010-2011 (total <i>ca</i> 7 months); 2011-2012 (total <i>ca</i> 5 months); 2013-2014 (total more than 3 months); 2014-2015 (total <i>ca</i> 7 months)
3.	<b>IN-CHARGE FOR VARIOUS SECTIONS</b>	2010-2011	Dhanikhari Experimental Garden-cum Arboretum, Herbarium, Store, Attendance, Security, office records and CPWD related matters.
4.		2011-2014	In-charge for Herbarium, Store and Attendance.
5.	<b>CHAIRMAN FOR VARIOUS COMMITTEES</b>	August 2010- January 2015	Departmental Purchase Committee; Disciplinary committee and other committees constituted time to time by HOO for verification of store and library sections, etc.
6.	<b>RAJBHASHA ADHIKARI</b>	August 2010 to January 2015	

II. BSI, SRC, NOEG, Yercaud (June 2015 to January 2017)  
 SCIENTIST IN-CHARGE: ca 105 days

# Details of Projects carried out and Publications: Individually/jointly

Research Activity	Contribution	Number
Number of projects carried out	Individually Jointly	4 3 (2 ongoing)
Number of books	written /compiled /edited / contributed	2 contributed
Number of papers published	Individually First author jointly or co-author	1 no. 10 nos. 17 nos.
Number of new taxa	New species	3 nos.
New reports	India Regions, states	2 nos. 9 nos.

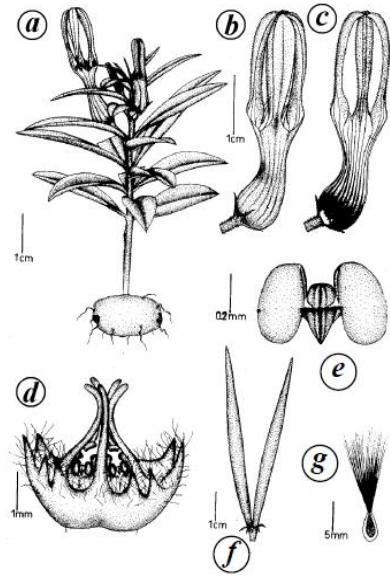


Figure 3. a, Habit; b, Flower; c, Dissected flower; d, Corona; e, Pollinarium; f, Follicle and g, Seed.

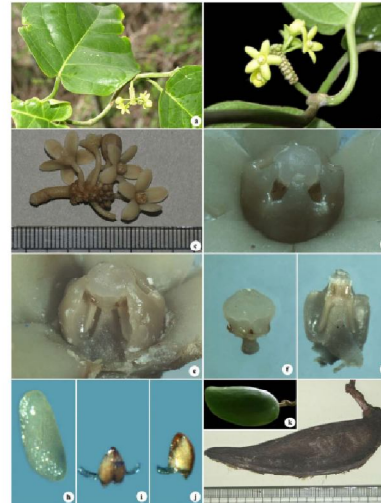


Fig. 2. *Tylophora nicobarica* Murugan et M. Y. Kamble, sp. nov.: a, A flowering branch; b, c, Inflorescence; d, Corona; e, Gynostegium; f, Stigma; g, Pollen mass; h, i, Corpuscles with caudex; j, l, Fruit.

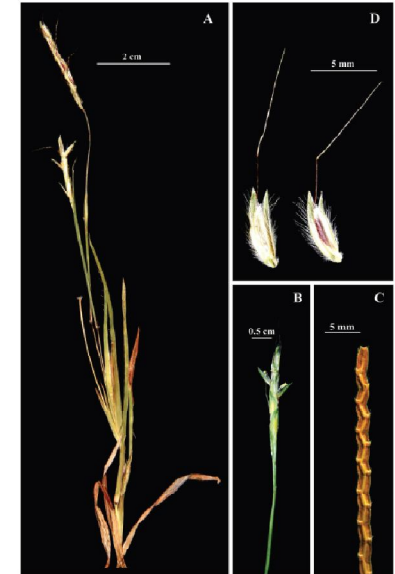


FIGURE 2. *Dimeria andanensis* Gosavi, M.Y. Kamble, Chandore & S.R. Yadav. A: Habit. B: Raceme. C: Raceme with spikelets. Photos by K.V.C. Gosavi.

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GOSAVI ET AL.

- Malpure, N. V., **M. Y. Kamble** and S. R. Yadav 2006. A new Species of *Ceropegia* L. (Asclepiadaceae) from Western Ghats of India with a note on series *Attenuatae* Huber. **Current Science**, 91 (9), pp 1140-1142.
- Murugan, C. & **Kamble, M. Y.** 2012. A new species of *Tylophora* R. Br. (Apocynaceae-Asclepiadoideae, Asclepiadeae) from Nicobar Islands, India. **Rheedea** 22 (2): 83-87.
- Gosavi, K.V.C., Chandore A.N., **Kamble M.Y.** & Yadav S. R. 2016. A new species of *Dimeria* (Poaceae) from Andaman and Nicobar Islands, India. **Phytotaxa** 270 (4): 295–300.

## Future plan of research

<b>Name of the project</b>	<b>Collection, introduction and multiplication of 10 endemic tree species from Kalakad Mundanthurai Tiger Reserve, Tamil Nadu and Agasthyamalai Biosphere Reserve, Kerala.</b>
<b>Name of the Executing Scientist/staff</b>	<b>Dr. M. Y. Kamble, Scientist – D Mr. B. S. Elango, Bot. Asst.</b>
<b>Total area to be surveyed</b>	<b>Kalakad Mundanthurai Tiger Reserve, Tamil Nadu (895 sq km) and Agasthyamalai Biosphere Reserve, Kerala (1828 sq Km)</b>
<b>No. of Field tours to be conducted</b>	<b>Two tours [Quarter 2 (September 2017) &amp; Quarter 3 (December 2017)]</b>





Thank You

