

Ph. D. details

Year of Award: 2014

Dr. Souravjyoti Borah
Botanist

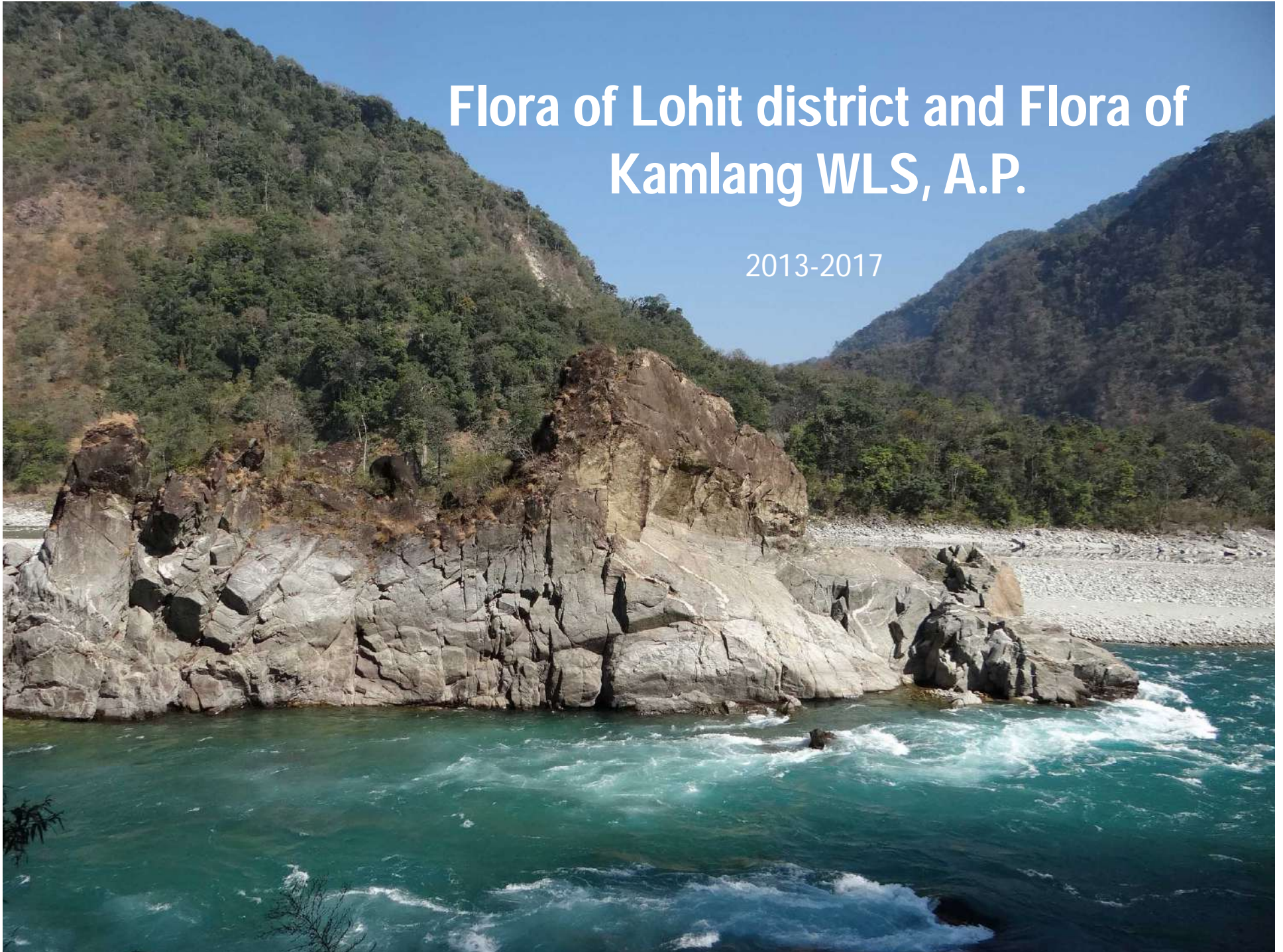
Botanical Survey of India
Arunachal Pradesh Regional Centre
Senki View, Itanagar-791111
Date of joining: 23.04.2012

Title: Quantitative assessment of phytodiversity, floristic composition and species populations in lower Assam region of India.

Awarded by: North-Eastern Hill University Shillong, Meghalaya

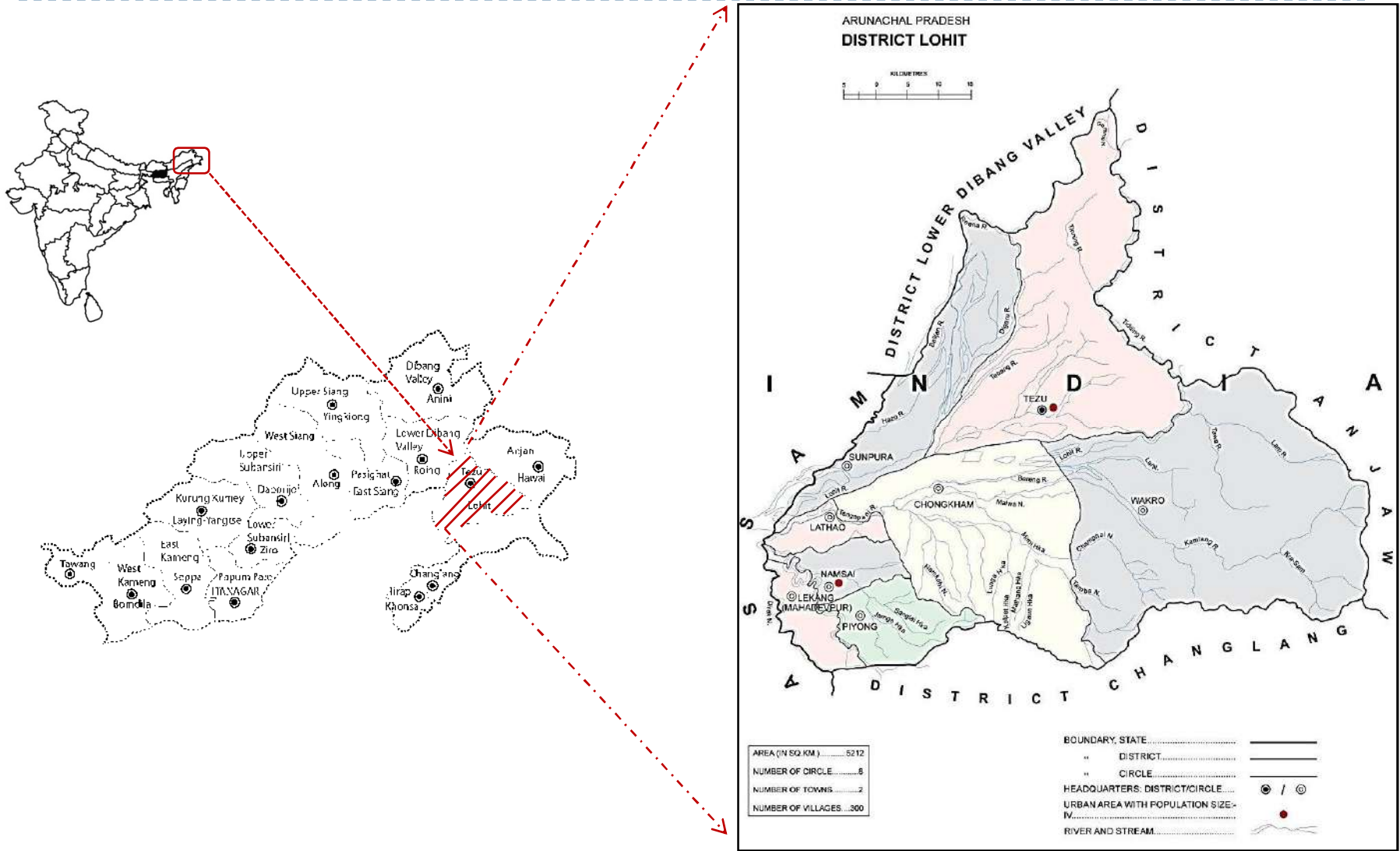
Flora of Lohit district and Flora of Kamlang WLS, A.P.

2013-2017



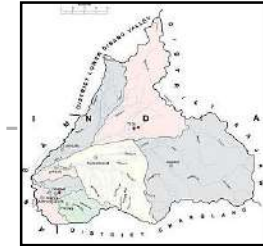
Study Area (5212 sq Km.)

Geographical Area = 5212 sq. Km



Demography

About 5212 square Km. is a home for nearly 1 lakh 46 thousand people



District	Population	Density (per km ²)	Growth rate (%)		Sex ratio (no. of female per 1000 male)
			1991-01	2001-11	
Anjaw	21089	3	7.84	13.77	805
Changlang	147951	32	31.29	17.96	914
Dibang Valley	7948	1	17.65	9.30	808
East Kameng	78413	19	13.46	37.14	1012
East Siang	99019	27	21.61	13.30	962
Kurung Kumey	89717	15	6.24	111.00	1029
Lohit	145538	28	35.1	16.44	901
Lower Dibang Valley	53986	14	36.76	7.01	919
Lower Subansiri	82839	24	29.15	48.65	975
Papumpare	176385	51	67.56	44.57	950
Tawang	49950	23	37.6	28.33	701
Tirap	111997	47	17.33	11.63	931
Upper Siang	35289	5	20.1	5.77	891
Upper Subansiri	83205	12	10.5	50.34	982
West Kameng	87013	12	32.22	16.64	755
West Siang	112272	13	15.55	8.04	916
Total	13,82,611	17	27	25.92	920

Source: Census 2011

People & Culture

The major tribes inhabiting this district are..

MISHIMIS

KHAMTIS

DEORIES

MISHING

Chakma (refugees)



A Mishimi man with tobacco pipe



A Khamti Couple



A Mishimi house



A Mishimi Kitchen



Deori ladies



Mishing

Vegetation & Landscape

The district is characterised by both hilly and plain topography.



Vegetation & Landscape



Young Children collecting fuel wood



Clearing of forest for cultivation



Elaichi Cultivation



Tea Garden



Orange Garden

Field Tours: 7

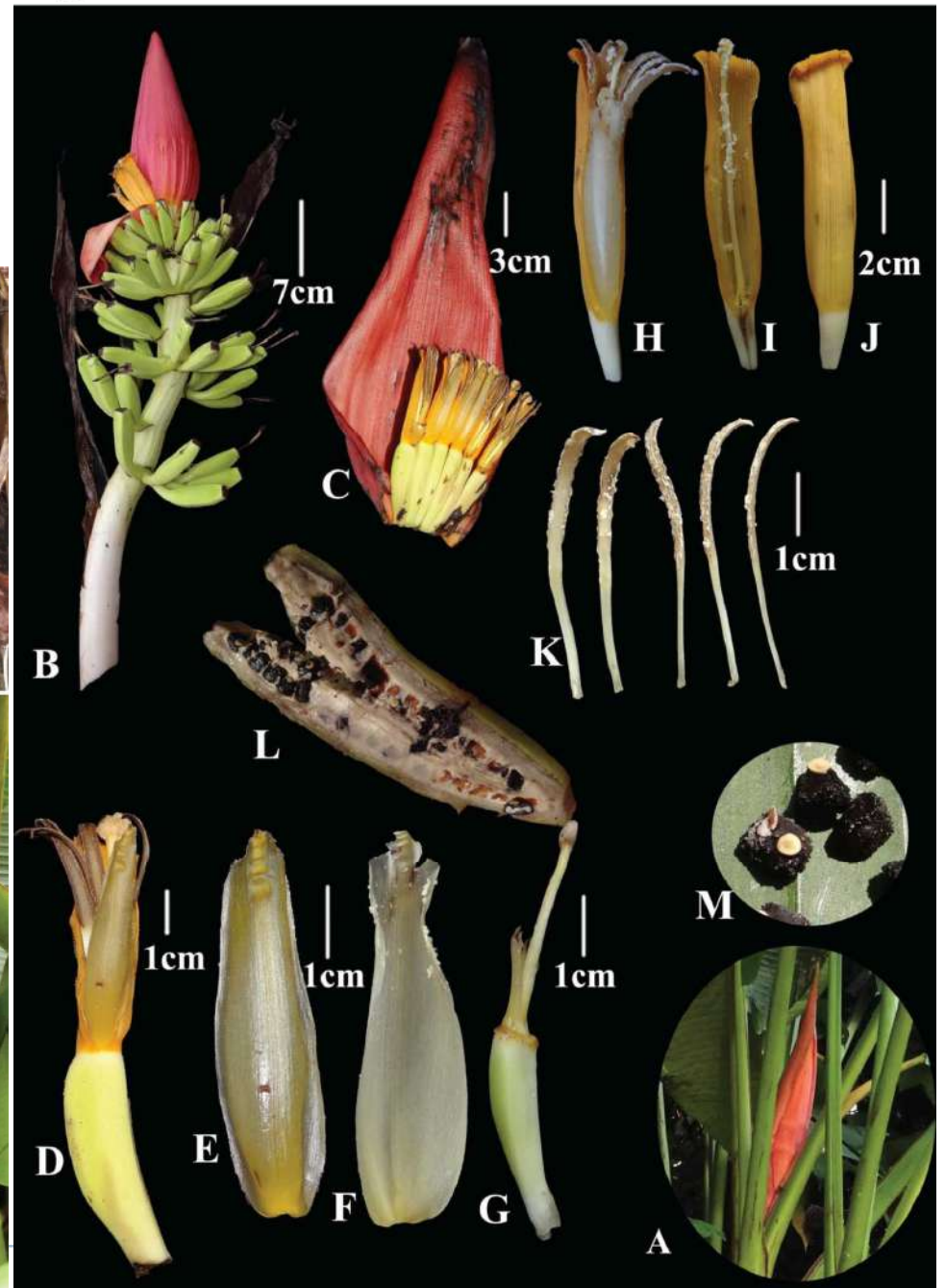
Total no. of Families:	124
Total no. of Genera:	522
Total no. of Species:	849





Musa markkui (Musaceae),
a new species from Arunachal Pradesh, India

R. Gogoi¹ and S. Borah²



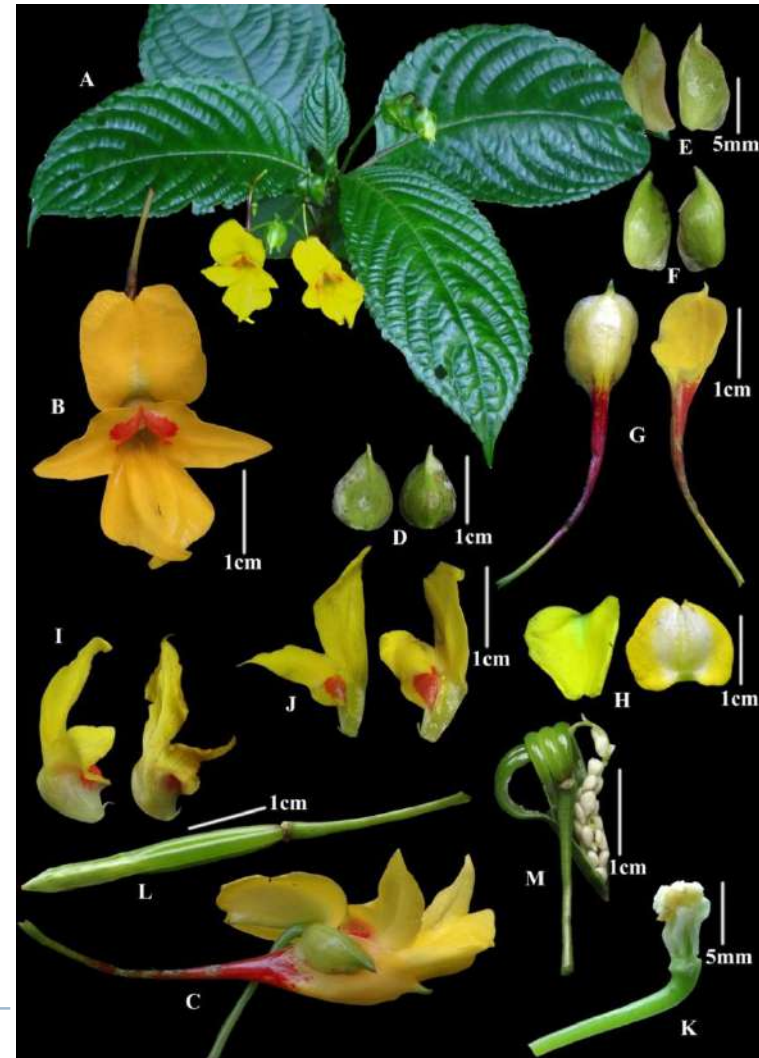
***MUSA ARGENTII* (MUSACEAE), A NEW SPECIES FROM ARUNACHAL PRADESH, INDIA**



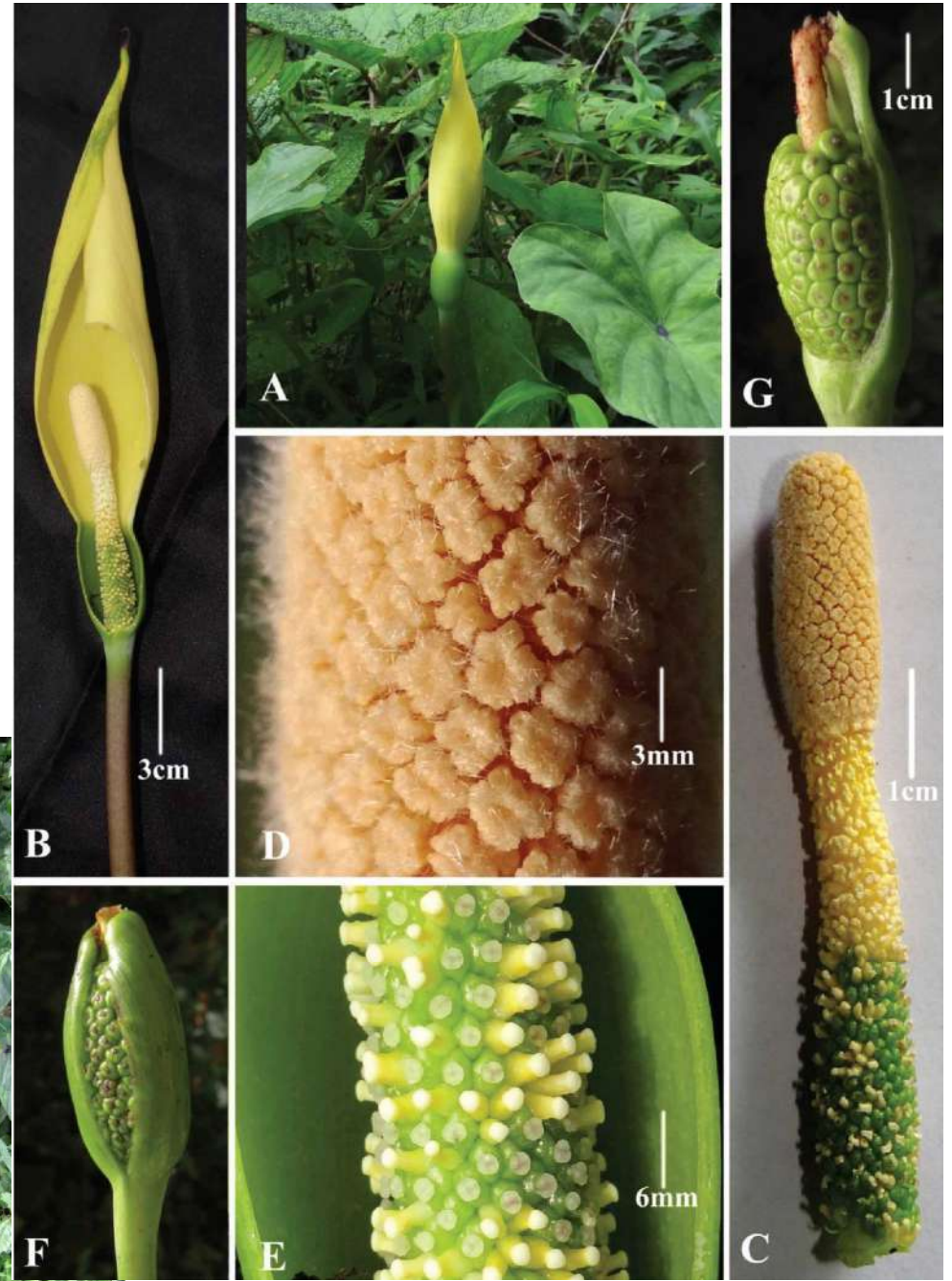


Impatiens lohitensis, a New Species of *Impatiens* (Balsaminaceae) from Arunachal Pradesh, India

R. Gogoi^(1*) and S. Borah⁽¹⁾



Colocasia boyceana Gogoi & Borah,
sp. nov. (Family: Araceae)

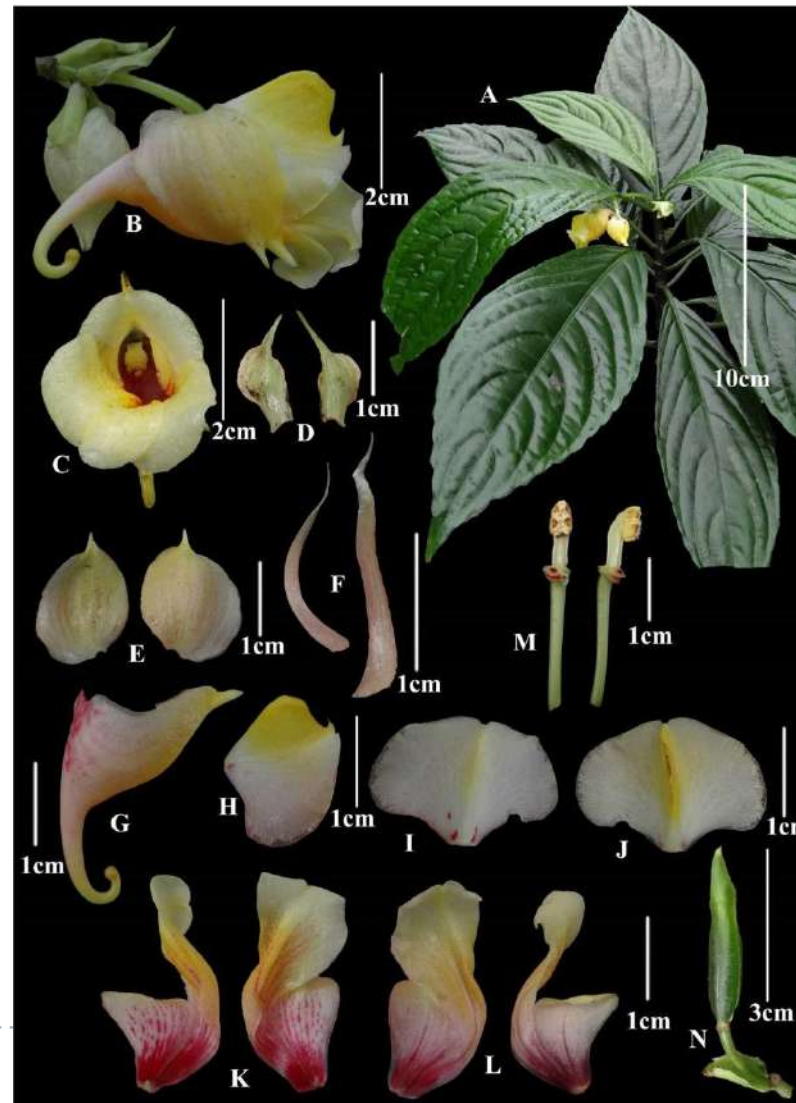




NOTE

Rediscovery of *Impatiens laevigata* var. *grandifolia* (Balsaminaceae) from NE India

R. Gogoi^(1*), H. A. Barbhuiya⁽²⁾ and S. Borah⁽¹⁾

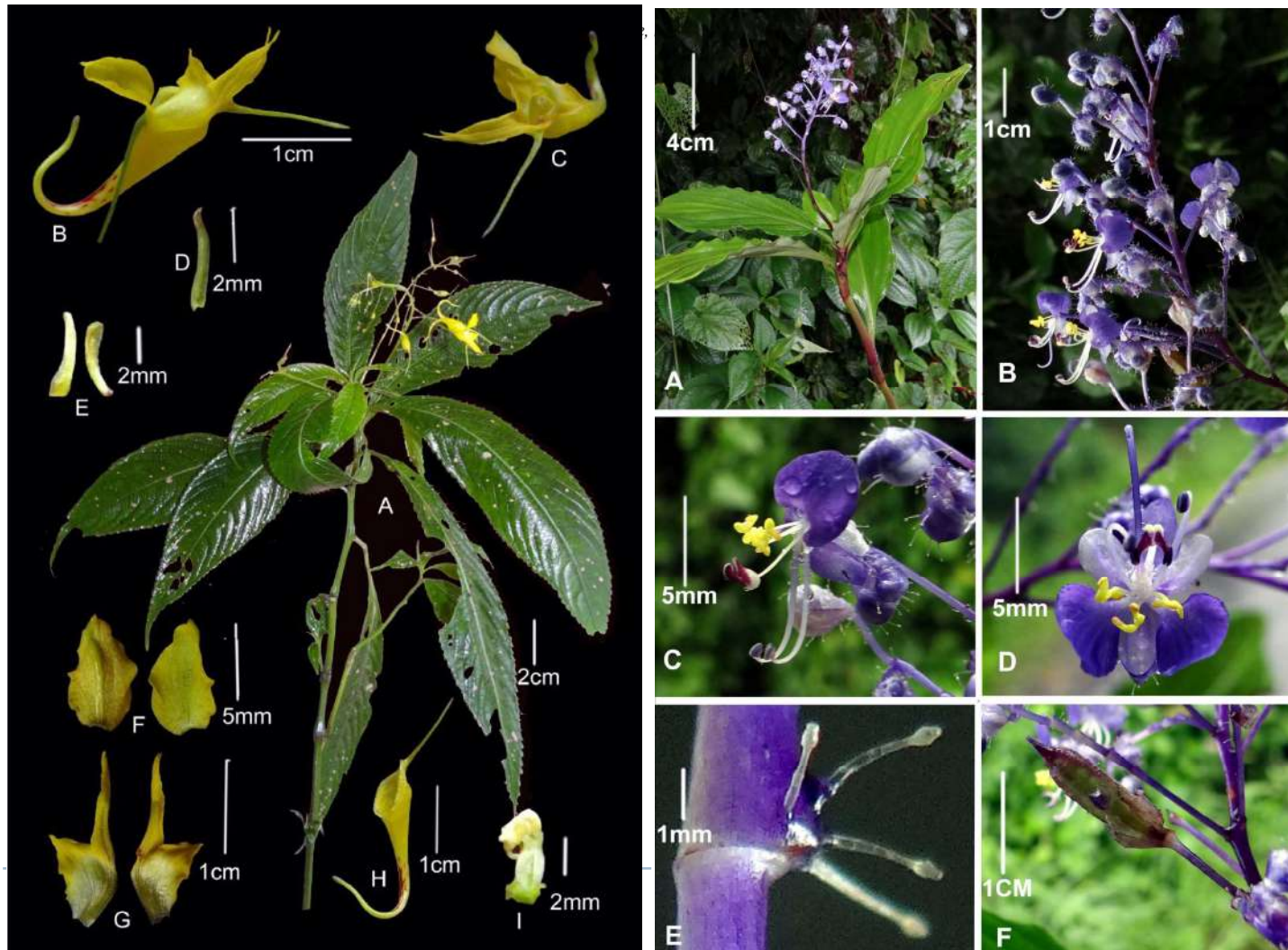




NOTE

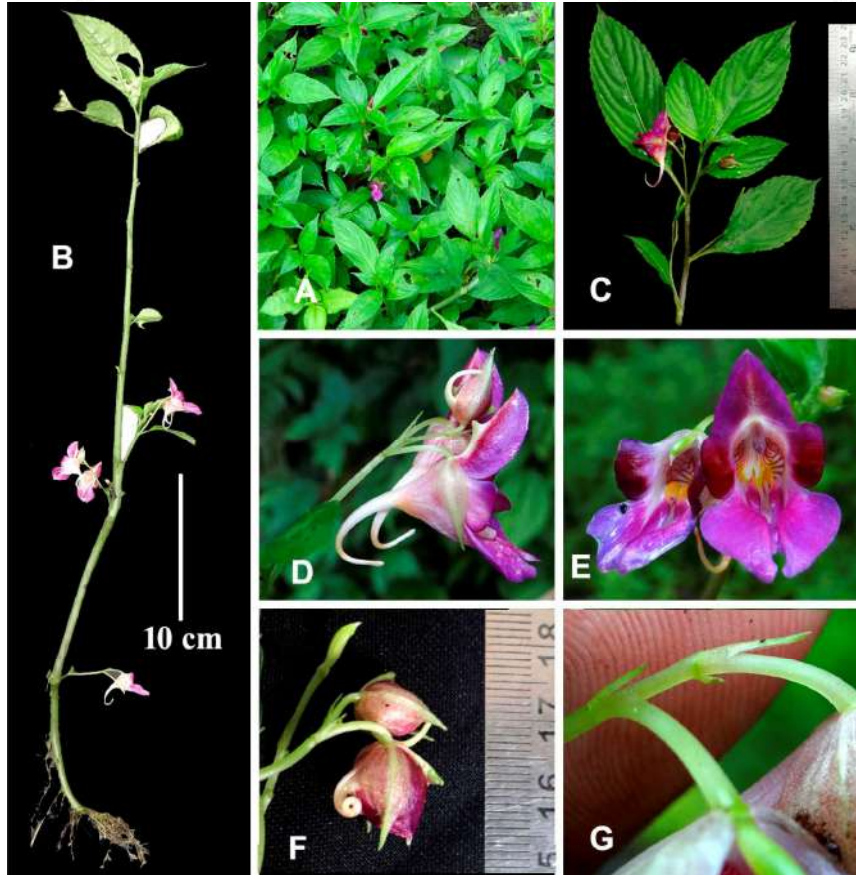
Impatiens siculifer Hook.f. (Balsaminaceae) and *Tricarpelema chinense* D. Y. Hong (Commelinaceae) Two Additions to the Flora of India from Lohit Valley of Arunachal Pradesh, India

R. Gogoi^(1*) and S. Borah⁽¹⁾

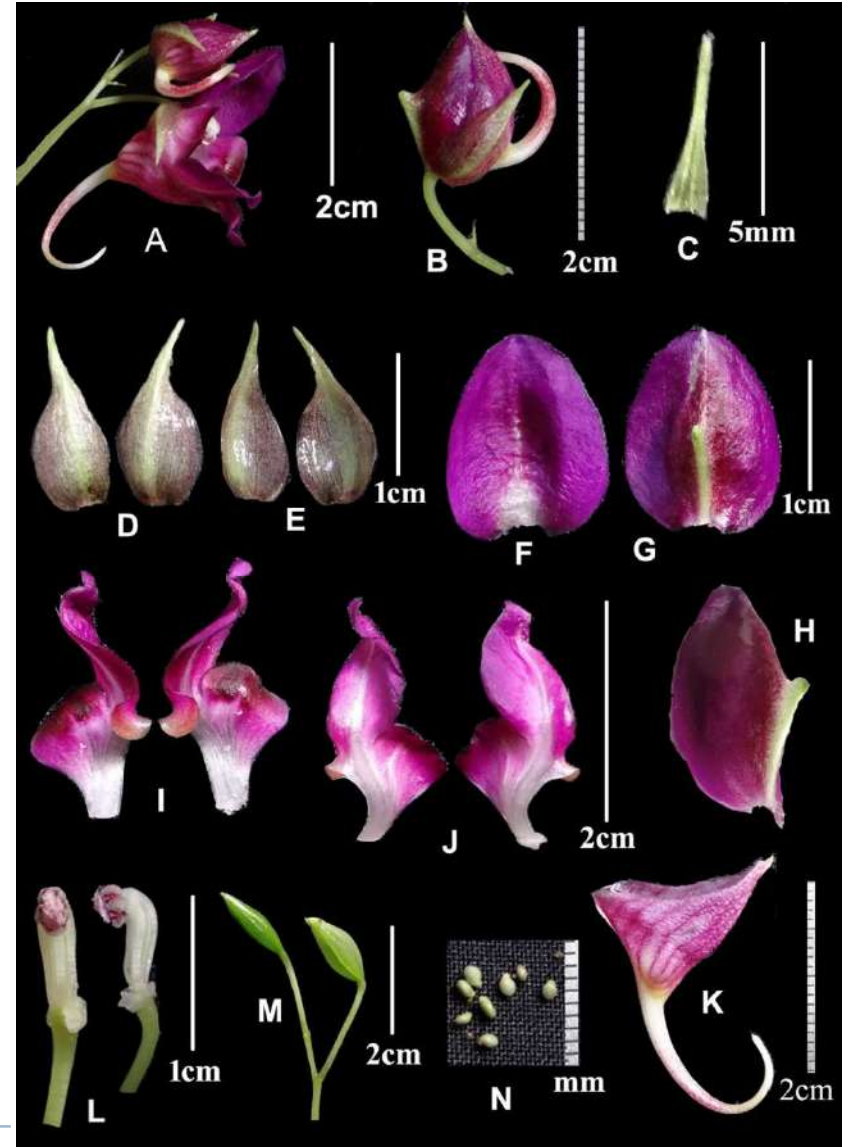


Lectotypification of the name *Impatiens toppinii* Dunn, a new addition of the species for flora of India

Souravjyoti Borah¹, Rajib Gogoi^{1,3}, P. Satyanarayana¹ and Sheng-Xiang Yu²



“you will, I hope,” he added “make up for the loss by finding a new species in Burma” Hooker



Rediscovery: After 50 years:

- *Musa cheesmanii* N.W. Simmonds
- *Musa flaviflora* N.W. Simmonds





Impatiens paramjitiana



Colocasia dibangensis



Impatiens albopetala



Impatiens adamowskiana



Impatiens dalaiensis



Impatiens dibangensis



Impatiens pathakiana



Impatiens ashihoi



Musa mannii var. *namdangensis*

Summary

New Species Discovered:	12 (Twelve)
New Variety Discovered:	1 (One)
New Record for India:	7 (Seven)
Species Discovered/Collected after a 50 years:	4 (Four)
Scientific Publications:	20 (Twenty)



Administrative Work

- DDO
- NSDL, e-TDS etc.
- Medical Committee.
- Purchase Committee.
- Compilation of Reports.
- Library and Store verification.



Thank You





Parasuram Kund



Lohit river



Glow Lake



Mithun (*Bos frontalis*)

