



Forest flora of Badami Hills of Bagalkot district, Karnataka, India

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Abstract

Badami is a place of historical importance, once ruled by Chalukyas, and contains many religious monuments. The study site is a World Heritage Site for 'Evolution of Temple Architecture at, Aihole, Badami and Pattadakal' by UNESCO (United Nations Educational, Scientific and Cultural Organization). A detailed inventory of the angiosperms from the dry deciduous forests of Badami, Bagalkot District of Karnataka is presented which includes details on the distribution and occurrence of 558 species from 359 genera and 99 families. Fabaceae Lindl., Poaceae Berhart., Asteraceae Bercht. & J.Presl., Apocynaceae Juss., Cyperaceae Juss., Euphorbiaceae Juss. and Malvaceae Juss. are the dominant families. Fabaceae Lindl. contributes 15 % of total flora. In eudicots, *Euphorbia* L. (Rosids), *Crotalaria* L. (Rosids), *Ipomoea* L. (Asterids) and *Alysicarpus* Desv. (Rosids) are the dominant genera with 13, 9, 8 & 8 species respectively; while in monocots *Cyperus* L. (Commelinids), and *Fimbristylis* Vahl (Commelinids) each having 8 taxa and *Eragrostis* Nees. with 5 taxa are the dominant genera. The timing of flowering and fruiting, vegetation type and herbarium details are provided. These dry forests are a potential source of medicine, fruits, gum, fuel, food, fodder and oil yielding plants but are ignored by local people and are in decline due to high anthropogenic pressure, high grazing, high fuel wood exploration and tourism. Some of the plants are very rare, *Barleria stocksii* T.Anderson, *Ceropegia spiralis* Wight, *Vahlia digyna* (Retz.) Kuntze, *Drimia raogibeikii* (Hemadri) Hemadri, *Iphigenia mysorensis* Arekal & S.N.Ramaswamy, *Uticularia caerulea* L. and *Drosera burmanni* Vahl. The present article is an inventory of the flowering plants of the Badami Hills is based on a synthesis of literature review, herbarium visits and field collection undertaken during the last decade.

Keywords: Checklist, flora, Badami, Karnataka

Introduction

The rocky hills of Badami supports a unique flora as it is a connecting link between Eastern Ghats and Deccan Plateau. The dry deciduous forests of Badami includes deciduous forests, dry thorn forests, scrub vegetation, gravelly slopes, sandy plains, seasonal ponds, streams, open grasslands and wetlands. The forests of Badami are socio-ecologically significant because of their ecosystem services, which comprise fodder and nutrient cycling. The region is drought prone and has a very dry hot climate which does not support the formation of dense forest. As a consequence, the area has been ignored by botanists and remained unexplored. Despite having a relatively rich floristic diversity compared to adjoining areas of Deccan plateau a checklist to plants of the Badami region was not available. This present study was undertaken to produce an up-to-date account of the flora of Badami, and so better enable the conservation, sustainable use and protection of these dry forests. This checklist to the flowering plants of Badami represents a baseline to support the work of forest officials, policy makers, teachers and students.

Materials and Methods

Study area

The Badami hills are located in between 15°55'12" N and Longitude 75°40'49" E in Bagalkot district of Karnataka, and are surrounded by the Malaprabha river in south which is seasonal and flows only in rainy season, Adagal in north, and Nandikeshwar, Govanaki and Nelwagi in east whereas in western region hills are surrounded by Badami town, Agastya

lake and the Badami caves. The study area is in the Eastern plains region of Karnataka, part of the Deccan plateau. This region receives low rainfall and is subject to temperature resulting in a thorny scrub forests. The surface is generally rocky. Forest is scattered in small pockets throughout the Badami Hills and is known to possess significant diversity in terms of plant and animal species such as, *Sitana ponticeriana* Cuvier (Fan throated lizard) *Chamaeleo zeylanicus* Laurenti (Indian Chameleon) *Vulpes bengalensis* Shaw (Indian wolf), *Pavo cristatus* L. (Indian Peafowl), *Funambulus palmarum* L (Indian squirrel). The ability of several species to withstand extreme heat and drought conditions results in the unique biodiversity of this area (Prajapati 2010). Characteristic plant species of the Badami Hills are *Eleiotis rottleri* Wight & Arnot (1834: 231), *Eleiotis sororia* (L.) De Candolle (1825: 350), *Barleria stocksii* Anderson (1867: 493), *Iphigenia mysorensis* Arekal & Ramaswamy (1971: 435), *Commiphora berryi* (Arn.) Engler (1883: 17), *Vahlia digyna* (Retz.) Kuntze (1891: 227), *Commelina badamica* Nandikar & Gurav (2015: 513) etc. (Table. 3)

The rainy season starts at the end of June to September, maximum rainy days are 143. The actual rainfall from year 2004–2014 recorded from Badami is depicted in (Table: 1). Temperature range varies from season to season. The temperature range of year 2015–16 is given in (Table. 2).

TABLE 1. Rainfall in Badami region during 2004–2015.

2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
599mm	562mm	338mm	782mm	526mm	819mm	584mm	429mm	337mm	465mm	667mm

TABLE 2. Maximum and Minimum temperature in different seasons during 2015–16.

Season	Minimum in °C	Maximum in °C
Summer (Feb 2015 to May 2015)	29.2	41.5
Monsoon (June 2015 to Sept 2015)	27.6	36.0
Winter (Nov 2015 to Jan 2016)	17.3	37.4

TABLE 3. Checklist of flowering plants of hills around Badami of Bagalkot District (Karnataka).

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
Clade: MAGNOLIIDS					
Order: PIPERALES					
ARISTOLOCHIACEAE Juss.					
1	<i>Aristolochia bracteolata</i> Lam.	July to November	Weeds in cultivated farms	Natural	INDIA. Karnataka, Badami, Open plains. 19 Jul 2015 <i>J. V. Dalavi & S.S. Kambale</i> . JVD-63 (SUK!)
2	<i>Aristolochia indica</i> L.	September to December	Open forests	Natural	INDIA. Karnataka, Badami Throughout scrub forest. 19 Jul 2015 <i>J. V. Dalavi & S.S. Kambale</i> . JVD-91 (SUK!)
Order: Magnoliales					
ANNONACEAE Juss.					
3	<i>Annona squamosa</i> L.	May to January	Deciduous forests	Natural/ Cultivated	INDIA. Karnataka, Badami. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD 229 (SUK!)
4	<i>Milium tomentosum</i> (Roxb.) Finet & Gagnep.	May to July	Rare in dry deciduous forests	Natural	INDIA. Karnataka, Badami, Behind rock climbing center. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD 231 (SUK!)
Order: Laurales					
HERNANDIACEAE Blume					
5	<i>Gyrocarpus americanus</i> Jacq.	August to January	Deciduous forests	Natural	INDIA. Karnataka, Badami. Behind Mahakoota temple. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD 206 (SUK!)
Clade: MONOCOTS					
Order: Alismatales					
ARACEAE Juss.					

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
6	<i>Colocasia esculenta</i> (L.) Schott.	May to September	Near sewage water and polluted water and cultivated for leaves	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-462 (SUK!)
7	<i>Lemna gibba</i> L.	June to December	Stagnant water	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-461 (SUK!)
ALISMATACEAE Vent.					
8	<i>Sagittaria sagittifolia</i> L.	July to October	Near seasonal ponds and lakes	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-203 (SUK!)
APONOGETONACEAE Planch.					
9	<i>Aponogeton natans</i> (L.) Engl. & K.Krause.	May to August	Lakes and ponds	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-84 (SUK!)
Order: Liliales					
COLCHICACEAE DC.					
10	<i>Iphigenia mysorensis</i> Arekal & S.N.Ramaswamy	May to August	Rare in seasonal grasslands	Natural	INDIA. Karnataka, Badami, near Mahakuta temple. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-03 (SUK!)
11	<i>Iphigenia pallida</i> Baker	June to August	Rare in seasonal grasslands	Natural	INDIA. Karnataka, Badami, near Mahakuta temple. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-59 (SUK!)
Order: Asparagales					
ORCHIDACEAE Juss.					
12	<i>Habenaria longicorniculata</i> J. Graham	June to September	Very rare in moist gravelly slopes.	Natural	INDIA. Karnataka, Badami, near Mahakuta temple. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-71 (SUK!)
HYPOXIDACEAE R.Br.					
13	<i>Curculigo orchioides</i> Gaertn.	June to December	Rare in moist gravelly plains	Natural	INDIA. Karnataka, Badami. 29 Sept 2015. <i>J. V. Dalavi & S. S. Kambale</i> . JVD-116 (SUK!)
ASPHODELACEAE Juss.					
14	<i>Aloe vera</i> (L.) Burm.f.	October to December	Dry scrub forests and cultivated as ornamental	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-463 (SUK!)
AMARYLLIDACEAE J. St.-Hil.					
15	<i>Crinum lorifolium</i> Roxb.	June to September	Rare in seasonal ponds	Natural	INDIA. Karnataka, Badami, near Mahakuta temple. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-16 (SUK!)
ASPARAGACEAE Juss.					
16	<i>Agave americana</i> L.	July to September	Dry deciduous and scrub forests	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Mahakuta temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-551 (SUK!)
17	<i>Asparagus racemosus</i> Willd.	June to November	Scrub forests	Natural	INDIA. Karnataka, Badami, near Mahakuta temple. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-70 (SUK!)
18	<i>Chlorophytum kolhapurensis</i> Sardesai, S.P. Gaikwad & S.R. Yadav.	April to July	Gravelly slopes	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-465 (SUK!)
19	<i>Chlorophytum laxum</i> R.Br.	June to August	Gravelly slopes and moist sandy plains	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-163 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
20	Dipcadi montanum (Dalzell) Baker	June to September	Seasonal moist grasslands	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-464 (SUK!)
21	Drimia raogibikei (Hemadri) Hemadri.	June to September	Gravelly slopes and sandy plains	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-466 (SUK!) INDIA. Karnataka, Badami, 11 March 2016. <i>S. R. Yadav, S. S. Kambale, J. V. Dalavi and P.B. Yadav</i> PBY-19 (SUK!)
22	Ledebouria revoluta (L.f.) Jessop.	June to September	Gravelly slopes, rocky plains and sandy areas	Natural	INDIA. Karnataka, Badami, near Mahakuta temple. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-004 (SUK!)
23	Sansevieria cylindrica Bojer ex Hook.	May to August	Scrub forests	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-467 (SUK!)
24	Sansevieria trifasciata Prain	May to August	Rocky slopes and scrub forests	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-468 (SUK!)
Order: Arecales					
ARECACEAE Bercht. & J.Presl.					
25	Cocos nucifera L.	Throughout year	Rare in dry deciduous forests and Cultivated for fruits	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-469 (SUK!)
26	Phoenix loureiroi Kunth	March to September	Rare in deciduous forests	Natural/ cultivated	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-470 (SUK!)
27	Phoenix sylvestris (L.) Roxb.	May to October	Deciduous forests	Natural/ cultivated	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-552 (SUK!)
Order: Commelinales					
COMMELINACEAE Mirb.					
28	Commelina badamica Nandikar & Gurav	October to December	Seasonal grasslands on gravelly plains and rocky crevices	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-553 (SUK!), India; Karnataka Badami; Bagalkot district, 4 Oct 2014. <i>M.D. Nandikar</i> , (NGCPR!)
29	Commelina benghalensis L.	August to December	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Aug 2015, <i>J. V. Dalavi & M. M. Lehhak</i> . JVD-122 (SUK!)
30	Cyanotis cristata (L.) D.Don.	June to November	Seasonal grasslands and wet places	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-554 (SUK!)
31	Cyanotis fasciculata (Heyene ex Roth) Schult. & Schult.f.	July to September	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-556 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
32	Cyanotis tuberosa (Roxb.) J.A. & J.H. Schult. in Roem. & Schult.	July to October	Seasonal grasslands and moist shady places	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-555 (SUK!)
33	Murdannia semiteres (Dalzell) Santapau	June to November	Seasonal grasslands and wet places	Natural	INDIA. Karnataka, Badami, open grasslands. 19 Sept 2016 <i>J. V. Dalavi & M.M. Lekhak</i> . JVD-137 (SUK!)
PONTEDERIACEAE Kunth					
34	Eichhornia crassipes (Mart.) Solms	September to January	In polluted water and stagnant water bodies	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-557 (SUK!)
35	Monochoria vaginalis (Burm.f.) C. Presl	May to October	Stagnant and polluted water	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-558 (SUK!)
Order: Poales					
TYPHACEAE Juss.					
36	Typha angustifolia L.	July to January	Common in lakes, ponds and shallow waterbodies	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-559 (SUK!)
XYRIDACEAE C.Agardh					
37	Xyris indica L.	July to December	Seasonal wetlands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-636 (SUK!)
ERIOCAULACEAE Martinov					
38	Eriocaulon duthiei Hook.f.	July to September	Common in seasonal wetlands	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-560 (SUK!)
39	Eriocaulon quinquangulare L.	July to September	Common in s	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-592 (SUK!)
CYPERACEAE Juss.					
40	Bulbostylis barbata (Rottb.) C.B. Clarke	August to October.	Marshy places	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-45 (SUK!)
41	Cyperus brevifolius (Rottb.) Hassk.	September to October	Around seasonal water bodies	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-562 (SUK!)
42	Cyperus compressus L.	August to January	Marshy places	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-593 (SUK!)
43	Cyperus iria L.	September to December	Marshy and muddy places	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Aug 2015, <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-117 (SUK!)
44	Cyperus michelianus subsp. pygmaeus (Rottb.) Asch. & Graebn.	June to September	Muddy places	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-595 (SUK!)
45	Cyperus pulchellus R.Br.	September to December	Marshy places and around water bodies	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-594 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
46	<i>Cyperus rotundus</i> L.	June to February	Muddy places	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-596 (SUK!)
47	<i>Cyperus rubicundus</i> Vahl	July to November	Marshy places and muddy areas	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-597 (SUK!)
48	<i>Cyperus sesquiflorus</i> (Torr.) Mattf. & Kük.	July to December	July to September	Natural	INDIA. Karnataka, Badami. 29 Aug 2015 <i>J. V. Dalavi & S.S. Kambale</i> . JVD-91 (SUK!)
49	<i>Eleocharis acutangula</i> (Roxb.) Schult.	June to November	Marshy places	Natural	INDIA. Karnataka, Badami. 29 Sept 2015. <i>J. V. Dalavi & S. S. Kambale</i> . JVD-108 (SUK!)
50	<i>Eleocharis atropurpurea</i> var. <i>vengurlensis</i> Shaikh R.I. & R.D. Tour.	September to December	Around water bodies	Natural	INDIA. Karnataka, Badami, open grasslands. 19 Sept 2016 <i>J. V. Dalavi & M.M. Lekhak</i> . JVD-139 (SUK!)
51	<i>Fimbristylis cymosa</i> R.Br.	September to December	Marshy and muddy areas	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-598 (SUK!)
52	<i>Fimbristylis dichotoma</i> (L.) Vahl	June to November	Marshy areas and muddy places	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-599 (SUK!)
53	<i>Fimbristylis ovata</i> (Burm.f.) J. Kern	November to February.	Around water bodies and seasonal wetlands	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-600 (SUK!)
54	<i>Fimbristylis polytrichoides</i> (Retz.) Vahl	November to February.	Around water bodies and seasonal wetlands	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-561 (SUK!)
55	<i>Fimbristylis quinquangularis</i> (Vahl) Kunth	June to February	Around water bodies and seasonal wetlands	Natural	INDIA. Karnataka, Badami. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-96 (SUK!)
56	<i>Fimbristylis tenera</i> Roem. ex Schult.	June to December	Around water bodies.	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-34 (SUK!)
57	<i>Fuirena ciliaris</i> (L.) Roxb.	January to March	In dried water bodies and muddy areas	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-200 (SUK!)
58	<i>Schoenoplectiella articulata</i> (L.) Lye	September to January	Shallow water bodies	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-563 (SUK!)
59	<i>Schoenoplectiella juncooides</i> (Roxb.) Lye	September to November	Shallow waterbodies and marshy areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-564 (SUK!)
60	<i>Schoenoplectiella senegalensis</i> (Steud.) Lye	September to April	Marshy and muddy places	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-JVD-220 (SUK!)
61	<i>Schoenoplectus corymbosus</i> (Roth ex Roem. & Schult) J.Raynal.	September to April	Shallow lakes and muddy places	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-73 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
62	<i>Scleria levis</i> Retz.	September to January	Marshy areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-566 (SUK!)
POACEAE Barnhart					
63	<i>Alloteropsis cimicina</i> (L.) Stapf.	June to December	Seasonal grasslands	Natural	Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-141 (SUK!)
64	<i>Apluda mutica</i> L.	August to November	Grasslands and open areas	Natural	Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-158 (SUK!)
65	<i>Aristida adscensionis</i> L.	August to January	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-58 JVD-56 (SUK!)
66	<i>Aristida hystrix</i> L.f.	July to January	Open areas, gravelly slopes and wastelands	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-567 (SUK!)
67	<i>Aristida setacea</i> Retz.	June to December	Grasslands and wastelands	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-568 (SUK!)
68	<i>Arthraxon lanceolatus</i> (Roxb.) Hochst.	July to February	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-569 (SUK!)
69	<i>Arundinella ciliata</i> (Roxb.) Nees ex Miq.	October–November	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-58 (SUK!)
70	<i>Arundinella pumila</i> (Hochst. ex A. Rich.) Steud.	June to December	Grasslands and gravelly slopes	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-570 (SUK!)
71	<i>Bothriochloa pertusa</i> (L.) A. Camus	June to October	Seasonal grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-571 (SUK!)
72	<i>Brachiaria ramosa</i> (L.) Stapf	June to December	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-582 (SUK!)
73	<i>Brachiaria reptans</i> (L.) Gardner & C.E.Hubb.	July to January	Grasslands and gravelly slopes	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-583 (SUK!)
74	<i>Chloris barbata</i> Sw.	August to December	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-584 (SUK!)
75	<i>Chloris virgata</i> Sw.	August to January	Open areas and grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-637 (SUK!)
76	<i>Chrysopogon fulvus</i> (Spreng.) Chiov.	June to December	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-189 (SUK!)
77	<i>Chrysopogon hackelii</i> (Hook.f.) C.E.C. Fisch.	December to February	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-585 (SUK!)
78	<i>Chrysopogon velutinus</i> (Hook.f.) Bor.	December to February	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-586 (SUK!)
79	<i>Coix lacryma-jobi</i> L.	August to February	Marshy areas and shallow water bodies	Natural	INDIA. Karnataka, Badami, very rare in sandy plains near mahakuta. 22 Dec 2015, <i>J. V. Dalavi & S. S. Kambale</i> . JVD-176 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
80	<i>Cymbopogon martini</i> (Roxb.) W. Watson	July to December	Open areas and grasslands	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-587 (SUK!)
81	<i>Cymbopogon coloratus</i> (Hook.f.) Stapf	July to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-588 (SUK!)
82	<i>Cynodon dactylon</i> (L.) Pers.	August to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-589 (SUK!)
83	<i>Dactyloctenium aegyptium</i> (L.) Willd.	September to January	Gravelly plains and sandy slopes	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-563 (SUK!) JVD-590
84	<i>Dichanthium annulatum</i> (Forssk.) Stapf	June to October	Seasonal grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-565 (SUK!)
85	<i>Digitaria abludens</i> (Roem. & Schult.) Veldkamp	July to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-572 (SUK!)
86	<i>Digitaria ciliaris</i> (Retz.) Koeler	July to January	Open areas and seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-81 (SUK!)
87	<i>Dinebra retroflexa</i> (Vahl) Panz.	August to February	Seasonal grasslands and sandy plains	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-573 (SUK!)
88	<i>Echinochloa colona</i> (L.) Link	July to November	Seasonal grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-574 (SUK!)
89	<i>Enneapogon persicus</i> Boiss.	August to January	Seasonal grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-575 (SUK!)
90	<i>Enteropogon dolichostachyus</i> (Lag.) Keng	June to September	Seasonal grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-576 (SUK!)
91	<i>Eragrostiella bifaria</i> (Vahl) Bor	August to December	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind Cave temple. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-66 (SUK!)
92	<i>Eragrostis amabilis</i> (L.) Wight and Arn.	July to January	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-153 (SUK!)
93	<i>Eragrostis aspera</i> (Jacq.) Nees	July to December	Seasonal grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-577 (SUK!)
94	<i>Eragrostis minor</i> Host.	June to October	Grasslands and wastelands	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-578 (SUK!)
95	<i>Eragrostis uniolooides</i> (Retz.) Nees ex Steud.	August to December	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-180 (SUK!)
96	<i>Eriochloa procera</i> (Retz.) C.E.Hubb.	June to December	Open areas and grasslands	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-580 (SUK!)
97	<i>Eulalia trispicata</i> (Schult.) Henrard	June to December	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind cave temple. 21 Oct 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-620 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
98	Hackelochloa granularis (L.) Kuntze	August to December	Gravelly plains and open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 26 Oct 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-627 (SUK!)
99	Heteropogon contortus (L.) P. Beauv. ex Roem. & Schult.	July to January	Seasonal grasslands and rocky slopes	Natural	INDIA. Karnataka, Badami, behind cave temple. 26 Oct 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-621 (SUK!)
100	Heteropogon triticeus (R.Br.) Stapf ex Craib.	August to December	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind cave temple. 26 Oct 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-622 (SUK!)
101	Hymenachne amplexicaulis (Rudge) Nees	June to December	Seasonal grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 26 Oct 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-623 (SUK!)
102	Isachne globosa (Thunb.) Kuntze.	June to January	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-146 (SUK!)
103	Ischaemum afrum (J.F.Gmel.) Dandy	June to December	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind cave temple. 26 Oct 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-624 (SUK!)
104	Leptochloa chinensis (L.) Nees	August to January	Seasonal grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 12 Nov 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-625 (SUK!)
105	Lophopogon tridentatus (Roxb.) Hack.	July to December	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind cave temple. 26 Oct 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-626 (SUK!)
106	Melanocenchris jacquemontii Jaub. & Spach.	July to November	Gravelly plains and open areas	Natural	INDIA. Karnataka, Badami, throughout open areas. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-86 (SUK!)
107	Melinis repens (Willd.) Zizka.	July to October	Open areas and grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-215 (SUK!)
108	Moorochloa eruciformis (Sm.) Veldkamp	July to November	Grasslands and wastelands	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-581 (SUK!)
109	Oplismenus compositus (L.) P. Beauv	September to January	Seasonal grasslands	Natural	INDIA. Karnataka, Bagalkot district, Badami, behind Cave temple. 9 February 2017. <i>J. V. Dalavi, S. P. Bramhadande and S. R. Yadav</i> . JVD-903 (SUK!)
110	Oryza rufipogon Griff.	July to December	Seasonal shallow water	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-212 (SUK!)
111	Oropetium roxburghianum (Schult.) S.M. Phillips	June to November	Near shallow water bodies	Natural	INDIA. Karnataka, Badami, behind cave temple. 26 Oct 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-629 (SUK!)
112	Oropetium thomaeum (L.f.) Trin.	June to November	Near shallow water bodies and marshy places	Natural	INDIA. Karnataka, Badami, behind cave temple. 21 Oct 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-630 (SUK!)
113	Panicum paludosum Roxb.	July to December	Seasonal grasslands and open forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-650 (SUK!)
114	Panicum curviflorum Hornem	July to December	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-651 (SUK!)
115	Paspalum vaginatum Sw.	July to December	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-654 (SUK!)
116	Pennisetum pedicellatum Trin.	August to December	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-655 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
117	<i>Perotis indica</i> (L.) Kuntze.	August to December	Grasslands and sandy plains	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Sept 2015, J. V. Dalavi & S.S. Kambale JVD-110 (SUK!)
118	<i>Saccharum spontaneum</i> L.	August to December	Shallow water bodies	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. J. V. Dalavi & S.P. Bramhadande. JVD-657 (SUK!)
119	<i>Sacciolepis indica</i> (L.) Chase	August to December	Shallow water bodies and muddy places	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. J. V. Dalavi & S.P. Bramhadande. JVD-658 (SUK!)
120	<i>Sehima nervosum</i> (Rottler.) Stapf	August to December	Shallow water bodies and marshy places	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. J. V. Dalavi & S.P. Bramhadande. JVD-659 (SUK!)
121	<i>Sehima sulcatum</i> (Hack.) A.Camus	August to December	Marshy and wet places	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. J. V. Dalavi & S.P. Bramhadande. JVD-660 (SUK!)
122	<i>Setaria flavida</i> (Retz.) Veldkamp	August to October	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. J. V. Dalavi & S.P. Bramhadande. JVD-652 (SUK!)
123	<i>Setaria geminata</i> (Forssk.) Veldkamp	September to December	Gravelly plains and open areas	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. J. V. Dalavi & S.P. Bramhadande. JVD-653 (SUK!)
124	<i>Sorghum bicolor</i> (L.) Moench	September to January	Cultivated as cereals	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. J. V. Dalavi & S.P. Bramhadande. JVD-631 (SUK!)
125	<i>Sporobolus pilifer</i> (Trin.) Kunth	July to December	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. J. V. Dalavi & S.P. Bramhadande. JVD-632 (SUK!)
126	<i>Tetrapogon tenellus</i> (J. Koenig ex Roxb.) Chiov.	August to December	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. J. V. Dalavi & S.P. Bramhadande. JVD-633 (SUK!)
127	<i>Thelepogon elegans</i> Roth	July to November	Marshy and muddy grasslands	Natural	JVD-197
128	<i>Themeda triandra</i> Forssk.	September to January	Marshy grasslands	Natural	INDIA. Karnataka, Badami, rare in dry deciduous forests. 22 Dec 2015, J. V. Dalavi & S.S. Kambale. JVD-197 (SUK!)
129	<i>Trachys muricata</i> (L.) Pers. ex Trin.	October to December	Marshy places	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015, J. V. Dalavi & S.S. Kambale JVD-147 (SUK!)
130	<i>Tripogon bromoides</i> Roth	June to December	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. J. V. Dalavi & S.P. Bramhadande. JVD-634 (SUK!)
131	<i>Urochloa panicoides</i> P.Beauv.	July to November	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. J. V. Dalavi & S.P. Bramhadande. JVD-635 (SUK!)
Clade: EUDICOTS					
Order: Ranunculales					
PAPAVERACEAE Juss.					
132	<i>Argemone mexicana</i> L.	Throughout year	Open forests and wastelands	Natural	INDIA. Karnataka, Badami, Open and wastelands. 19 Jul 2015 J. V. Dalavi & S.S. Kambale. JVD-69 (SUK!)
MENISPERMACEAE Juss.					
133	<i>Cocculus hirsutus</i> (L.) W.Theob.	June to October	Hilly forests and open areas	Natural	INDIA. Karnataka, Badami, Open and wastelands. 22 Dec 2015 J. V. Dalavi & S.S. Kambale. JVD-185 (SUK!)
134	<i>Tinospora cordifolia</i> (Willd.) Hook.f. & Thomson	January to July	Open areas and deciduous forests	Natural	INDIA. Karnataka, Badami. 29 Aug 2015 J. V. Dalavi & S.S. Kambale. JVD-93 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
Clade: SUPERROSIDS					
Order: Saxifragales					
CRASSULACEAE J. St.-Hil.					
135	Bryophyllum pinnatum (Lam.) Oken	August to January	Rocky crevices of scrub forests	Natural	INDIA. Karnataka, Badami. Behind Bhutnath temple. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-368 (SUK!)
136	Kalanchoe lanceolata (Forssk.) Pers.	November to February	Scrub forests	Natural	INDIA. Karnataka, Badami. Behind Bhutnath temple. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-369 (SUK!)
137	Kalanchoe olivacea Dalzell	November to February	Rocky scrub forests	Natural	INDIA. Karnataka, Badami. Behind Bhutnath temple. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-370 (SUK!)
Clade: ROSIDS					
Order: Vitales					
VITACEAE Juss.					
138	Ampelocissus indica (L.) Planch.	March to September	Open areas and scrub forests	Natural	INDIA. Karnataka, Badami. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-380 (SUK!)
139	Cissus woodrowii (Stapf ex Cooke) Santapau	June to July	Open areas and scrub forests	Natural	INDIA. Karnataka, Badami, Open and wastelands. 29 Aug 2015 <i>J. V. Dalavi & S.S. Kambale</i> . JVD-24 (SUK!)
Order: Zygophyllales					
ZYGOPHYLLACEAE R.Br.					
140	Balanites aegyptiaca (L.) Delile	June to September	Dry deciduous forests	Natural	INDIA. Karnataka, Badami. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-365 (SUK!)
141	Fagonia indica Burm.f.	June to October	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, open areas. 22 Dec 2015 <i>J. V. Dalavi & S.S. Kambale</i> . JVD-148 (SUK!)
142	Tribulus terrestris L.	October to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, Open and wastelands. 19 Jul 2015 <i>J. V. Dalavi & S.S. Kambale</i> . JVD-11 (SUK!)
Order: Fabales					
FABACEAE Lindl.					
143	Abrus precatorius L.	September to January	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 19 Jul 2015 <i>J. V. Dalavi & S.S. Kambale</i> . JVD-07 (SUK!)
144	Aeschynomene aspera L.	Throughout year	Along water bodies	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-238 (SUK!)
145	Aeschynomene indica L.	Throughout year	Along water bodies	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-239 (SUK!)
146	Albizia amara (Roxb.) Boivin	April to August	Dry deciduous forests and along roadsides	Natural/ Cultivated	INDIA. Karnataka, Badami, dry deciduous forests. 22 Dec 2015 <i>J. V. Dalavi & S.S. Kambale</i> . JVD-172 (SUK!)
147	Albizia lebbeck (L.) Benth.	April to August	Dry deciduous forests and along roadsides	Natural/ Cultivated	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-241 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
148	<i>Alysicarpus bupleurifolius</i> (L.) DC.	August to November	Grasslands, Wastelands and Open areas	Natural	INDIA. Karnataka, Badami, open grasslands. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-242 (SUK!)
149	<i>Alysicarpus gamblei</i> Schindl.	August to February	Seasonal grasslands	Natural	INDIA. Karnataka, Bagalkot district, Badami, behind Cave temple. 9 February 2017. <i>J. V. Dalavi, S. P. Bramhadande and S. R. Yadav</i> . JVD-902 (SUK!)
150	<i>Alysicarpus glumaceus</i> (Vahl) DC.	July to December	Grasslands, Wastelands and Open areas	Natural	INDIA. Karnataka, Badami, open grasslands. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-243 (SUK!)
151	<i>Alysicarpus hamosus</i> Edgew.	September to November	Gravelly plains and Grasslands	Natural	INDIA. Karnataka, Badami, open grasslands. 19 Sept 2016 <i>J. V. Dalavi & M.M. Lekhak</i> . JVD-138 (SUK!)
152	<i>Alysicarpus monilifer</i> (L.) DC.	August to December	Gravelly plains and Grasslands	Natural	INDIA. Karnataka, Badami, open grasslands. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-244 (SUK!)
153	<i>Alysicarpus tetragonolobus</i> Edgew.	July to December	Grasslands, Wastelands and Open areas	Natural	INDIA. Karnataka, Badami, open grasslands. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-245 (SUK!)
154	<i>Alysicarpus vaginalis</i> (L.) DC.	September to December	Gravelly plains and Grasslands	Natural	INDIA. Karnataka, Badami, open grasslands. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-246 (SUK!)
155	<i>Bauhinia racemosa</i> Lam.	March to September	Dry deciduous forests	Natural/ Cultivated	INDIA. Karnataka, Badami, dry deciduous forests. 19 Jul 2015 <i>J. V. Dalavi & S.S. Kambale</i> . JVD-22 (SUK!)
156	<i>Bauhinia tomentosa</i> L.	November to May	Dry deciduous forests	Natural/ Cultivated	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-246 JVD-247 (SUK!)
157	<i>Butea monosperma</i> (Lam.) Kuntze	December to May	Dry deciduous forests and along roadsides	Natural	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-248 (SUK!)
158	<i>Caesalpinia pulcherrima</i> (L.) Sw.	Throughout year	Dry deciduous forests and along roadsides	Cultivated	INDIA. Karnataka, Badami, cultivated near shiva temple. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-249 (SUK!)
159	<i>Cajanus scarabaeoides</i> (L.) Thouars.	July to December	Grasslands, Wastelands and Open areas	Natural	INDIA. Karnataka, Badami, open grasslands and wastelands. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-301(SUK!)
160	<i>Canavalia ensiformis</i> (L.) DC.	Throughout year	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Bhoothnath temple. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-218 (SUK!)
161	<i>Cassia fistula</i> L.	February to April	Along roadsides	Cultivated	INDIA. Karnataka, Badami, behind Bhoothnath temple. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-302 (SUK!)
162	<i>Chamaecrista absus</i> (L.) H.S.Irwin & Barneby	August to February	Open forests and wastelands	Natural	INDIA. Karnataka, Badami, wastelands. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-303 (SUK!)
163	<i>Chamaecrista pumila</i> (Lam.) V. Singh	August to February	Open forests and wastelands	Natural	INDIA. Karnataka, Badami, wastelands. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-304 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
164	<i>Clitoria annua</i> J.Graham	August to October	Dry deciduous forests and along roadsides	Natural/ Cultivated	INDIA. Karnataka, Badami, wastelands. 29 Sept 2015 <i>J. V. Dalavi & S. S. Kambale</i> . JVD-118 (SUK!)
165	<i>Clitoria ternatea</i> L.	June to January	Dry deciduous forests and along roadsides	Natural/ Cultivated	INDIA. Karnataka, Badami, wastelands. 29 Sept 2015 <i>J. V. Dalavi & S. P. Bramhadande</i> . JVD-305 (SUK!)
166	<i>Crotalaria hebecarpa</i> (DC.) Rudd.	July to January	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, wastelands. 11 Dec 2016, <i>J. V. Dalavi & S. P. Bramhadande</i> JVD-306 (SUK!)
167	<i>Crotalaria hirsuta</i> Willd	September to December	Rare on slopes	Natural	INDIA. Karnataka, Bagalkot district, Badami, behind Cave temple. 9 February 2017. <i>J. V Dalavi, S. P. Bramhadande and S. R. Yadav</i> . JVD-906 (SUK!)
168	<i>Crotalaria juncea</i> L.	September to May	Grasslands and open areas	Natural	INDIA. Karnataka. Bijapur, Badami, 17 Oct 1992. <i>Talbot</i> 3345 (BSI) INDIA. Karnataka, Badami, wastelands. 22 Dec 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-167 (SUK!).
169	<i>Crotalaria orixensis</i> Willd.	June to January	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, grasslands and wastelands. 11 Dec 2016, <i>J. V. Dalavi & S. P. Bramhadande</i> . JVD-307 (SUK!)
170	<i>Crotalaria pallida</i> Aiton.	September to April	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, grasslands and wastelands. 11 Dec 2016, <i>J. V. Dalavi & S. P. Bramhadande</i> . JVD-308 (SUK!)
171	<i>Crotalaria pellita</i> Bertero ex DC.	August to December	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, grasslands and wastelands. 11 Dec 2016, <i>J. V. Dalavi & S. P. Bramhadande</i> . JVD-208 (SUK!)
172	<i>Crotalaria pusilla</i> DC.	July to January	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, grasslands and wastelands. 11 Dec 2016, <i>J. V. Dalavi & S. P. Bramhadande</i> . JVD-309 (SUK!)
173	<i>Crotalaria retusa</i> L.	August to March	Grasslands and open areas	Natural	INDIA. Karnataka. Bijapur, Badami, 17 Oct 1992. <i>Talbot</i> 3395 (BSI) INDIA. Karnataka, Badami, open areas and wastelands. 11 Dec 2016, <i>J. V. Dalavi & S. P. Bramhadande</i> . JVD-310 (SUK!)
174	<i>Crotalaria vestita</i> Baker.	July to December	Open areas and seasonal grasslands	Natural	INDIA. Karnataka, Badami, seasonal grasslands. 11 Dec 2016, <i>J. V. Dalavi & S. P. Bramhadande</i> . JVD-240 (SUK!)
175	<i>Dalbergia lanceolaria</i> L.f.	March to May	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, dry deciduous forests near Mahakuta. 11 Dec 2016, <i>J. V. Dalavi & S. P. Bramhadande</i> . JVD-251 (SUK!)
176	<i>Dalbergia latifolia</i> Roxb.	February to May	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, dry deciduous forests near Mahakuta. 11 Dec 2016, <i>J. V. Dalavi & S. P. Bramhadande</i> . JVD-252 (SUK!)
177	<i>Desmodium scorpiurus</i> (Sw.) Desv. ex DC.	July to December	Grasslands, Wastelands and Open areas	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S. P. Bramhadande</i> . JVD-253 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
178	Desmodium triflorum (L.) DC.	September to January	Grasslands, Wastelands and Open areas	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S. P. Bramhadande</i> . JVD-157 (SUK!)
179	Dichrostachys cinerea (L.) Wight & Arn.	June to August	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, throughout dry deciduous forests. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> . JVD-19 (SUK!)
180	Eleiotis rottleri Wight & Arn.	June to October	Rare in gravelly plains and seasonal grasslands	Natural	INDIA. Karnataka, Badami, very rare in sandy plains near mahakuta. 22 Dec 2015, <i>J. V. Dalavi & S. S. Kambale</i> . JVD-175 (SUK!)
181	Eleiotis sororia (L.) DC.	July to November	Rare in gravelly plains and seasonal grasslands	Natural	INDIA. Karnataka, Badami, uneven in sandy plains. 11 Dec 2016, <i>J. V. Dalavi & S. P. Bramhadande</i> . JVD-254 (SUK!)
182	Erythrina suberosa Roxb.	November to April	Deciduous forests	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-255 (SUK!)
183	Flemingia strobilifera (L.) W.T. Aiton	November to March	Deciduous forests	Natural	INDIA. Karnataka, Badami, rare in dry deciduous forests. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-198 (SUK!)
184	Guilandina bonduc L.	June to February	Dry deciduous forests and along roadsides	Natural	INDIA. Karnataka, Badami, watselands near Banshankari temple. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-250 (SUK!)
185	Indigofera cordifolia Heyne ex Roth.	August to October	Grasslands, gravelly plains and wastelands	Natural	INDIA. Karnataka, Badami, common in grasslands and wastelands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-256 (SUK!)
186	Indigofera colutea (Burm. f.) Merr.	June to December	Grasslands, gravelly plains and wastelands	Natural	INDIA. Karnataka, Badami, common in grasslands and wastelands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-210 (SUK!)
187	Indigofera linifolia (L.f.) Retz.	June to December	Grasslands, gravelly plains and wastelands	Natural	INDIA. Karnataka, Badami, common in grasslands and wastelands. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-161 (SUK!)
188	Indigofera linnaei Ali.	June to January	Grasslands, gravelly plains and wastelands	Natural	INDIA. Karnataka, Badami, common in grasslands and wastelands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-257 (SUK!)
189	Indigofera trifoliata L.	July to February	Grasslands, gravelly plains and wastelands	Natural	INDIA. Karnataka, Badami, common in grasslands and wastelands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-258 (SUK!)
190	Indigofera trita L.f.	June to January	Grasslands, gravelly plains and wastelands	Natural	INDIA. Karnataka, Badami, common in seasonal grasslands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-259 (SUK!)
191	Lablab purpureus (L.) Sweet.	August to December	Escaped from cultivated fields	Natural/ Cultivated	INDIA. Karnataka, Badami, escaped in seasonal grasslands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-260 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
192	<i>Millettia pinnata</i> (L.) Panigrahi	March to September	Dry deciduous forests and along roadsides	Natural/ Cultivated	INDIA. Karnataka, Badami, escaped in dry forests and cultivated along roadside. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-315 (SUK!)
193	<i>Mimosa hamata</i> Willd.	July to October	Deciduous forests	Natural	INDIA. Karnataka, Badami, common in seasonal grasslands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-311 (SUK!)
194	<i>Mimosa pudica</i> L.	July to March	Dry forests and wastelands	Natural	INDIA. Karnataka, Badami, common in grasslands and wastelands. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-173 (SUK!)
195	<i>Mucuna pruriens</i> (L.) DC.	August to January	Dry deciduous forests and	Natural/ Cultivated	INDIA. Karnataka, Badami, common in scrub and deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-312 (SUK!)
196	<i>Mundulea sericea</i> (Willd.) A.Chev.	May to September	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, throughout dry forests. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> . (SUK!) JVD-21
197	<i>Pithecellobium dulce</i> (Roxb.) Benth.	Throughout year	Dry deciduous forests and along roadsides	Natural/ Cultivated	INDIA. Karnataka, Badami, escaped in dry forests and cultivated along roadside. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-314 (SUK!)
198	<i>Prosopis cineraria</i> (L.) Druce.	September to April	Dry deciduous forests and along roadsides	Natural	INDIA. Karnataka, Badami, common in dry forest and wastelands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-316 (SUK!)
199	<i>Prosopis juliflora</i> (Sw.) DC.	September to April	Dry deciduous forests and along roadsides	Natural	INDIA. Karnataka, Badami, common in dry forest and wastelands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-317 (SUK!)
200	<i>Pseudarthria viscida</i> (L.) Wight & Arn.	July to January	Dry scrub forests and grasslands	Natural	INDIA. Karnataka, Badami, seasonal grasslands and open areas. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-318 (SUK!)
201	<i>Pterocarpus marsupium</i> Roxb.	May to October	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, seasonal grasslands and open areas. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-319 (SUK!)
202	<i>Pycnospora lutescens</i> (Poir.) Schindl.	April to October	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, seasonal grasslands and open areas. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-320 (SUK!)
203	<i>Rhynchosia aurea</i> DC.	July to January	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, seasonal grasslands and open areas. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-207 (SUK!)
204	<i>Rhynchosia minima</i> (L.) DC.	July to January	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, seasonal grasslands. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-155 (SUK!)
205	<i>Rhynchosia rufescens</i> DC.	July to February	Open areas and gravelly slopes	Natural	INDIA. Karnataka, Badami, seasonal grasslands and open areas. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-262 (SUK!)
206	<i>Senegalia chundra</i> (Roxb. ex Rottler) Maslin	August to January	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 19 Jul 2015 <i>J. V. Dalavi & S.S. Kambale</i> . JVD-94 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
207	<i>Senegalia polyacantha</i> (Willd.) Seigler & Ebinger.	August to April	Dry deciduous forests and along roadsides	Natural/ Cultivated	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-237 (SUK!)
208	<i>Senna auriculata</i> (L.) Roxb.	July to February	Deciduous forests and open areas	Natural	INDIA. Karnataka, Badami, open forests and wastelands. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-159 (SUK!)
209	<i>Senna italica</i> Mill.	July to February	Deciduous forests and open forests	Natural	INDIA. Karnataka, Badami, rare seasonal grasslands and open areas. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-264 (SUK!)
210	<i>Senna occidentalis</i> (L.) Link	July to February	Open forests and wastelands	Natural	INDIA. Karnataka, Badami, throughout open areas. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> . JVD-68 (SUK!)
211	<i>Senna siamea</i> (Lam.) H.S.Irwin & Barneby.	April to February	Open forests and Wastelands	Natural	INDIA. Karnataka, Badami, behind shiva temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-266 (SUK!)
212	<i>Senna tora</i> (L.) Roxb.	July to April	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, throughout open areas. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-267 (SUK!)
213	<i>Sesbania aculeata</i> (Schreb.) Pers.	September to January	Dry deciduous forests and along roadsides	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Bhootnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-269 (SUK!)
214	<i>Stylosanthes fruticosa</i> (Retz.) Alston	Throughout year	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, throughout open areas. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-268 (SUK!)
215	<i>Stylosanthes hamata</i> (L.) Taub.	Throughout year	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, throughout open areas. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-202 (SUK!)
216	<i>Tamarindus indica</i> L.	April to September	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, deciduous forests near Mahakuta. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-261 (SUK!)
217	<i>Tephrosia pumila</i> (Lam.) Pers.	July to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, seasonal grasslands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-263 (SUK!)
218	<i>Tephrosia purpurea</i> (L.) Pers.	July to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, throughout open areas. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-098 (SUK!)
219	<i>Tephrosia villosa</i> (L.) Pers.	July to January	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, seasonal grasslands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-265 (SUK!)
220	<i>Vachellia farnesiana</i> (L.) Wight & Arn.	August to February	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-233 (SUK!)
221	<i>Vachellia horrida</i> (L.) Kyal. & Boatwr.	July to January	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-204 (SUK!)
222	<i>Vachellia leucophloea</i> (Roxb.) Maslin, Seigler & Ebinger	August to February	Dry deciduous forests and along road sides	Natural/ Cultivated	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016 <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-236 (SUK!)
223	<i>Vachellia nilotica</i> (L.) P.J.H.Hurter & Mabb.	August to March	Dry deciduous forests and along roadsides	Natural/ Cultivated	INDIA. Karnataka, Badami, dry deciduous forests. 19 Jul 2015 <i>J. V. Dalavi & S.S. Kambale</i> . JVD-08 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
224	<i>Vigna trilobata</i> (L.) Verdcourt	July to January	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, seasonal grasslands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-270 (SUK!)
225	<i>Vigna radiata</i> (L.) Wilczek	July to January	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, seasonal grasslands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-332 (SUK!)
226	<i>Zornia gibbosa</i> Span.	July to January	Open areas and grasslands	Natural	INDIA. Karnataka, Badami, seasonal grasslands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-334 (SUK!)
POLYGALACEAE Hoffmanns and Link.					
227	<i>Polygala arvensis</i> Willd.	October to April	Open areas and grasslands	Natural	INDIA. Karnataka, Badami, seasonal grasslands and wastelands. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-184 (SUK!)
228	<i>Polygala elongata</i> Klein ex Willd.	July to October	Open areas and grasslands	Natural	INDIA. Karnataka, Badami, seasonal grasslands and wastelands. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-183 (SUK!)
229	<i>Polygala erioptera</i> DC.	July to November	Open areas and grasslands	Natural	INDIA. Karnataka, Badami, seasonal grasslands. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-321 (SUK!)
Order: Rosales					
RHAMNACEAE Juss.					
230	<i>Ventilago madraspatana</i> Gaertner.	October to January	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, throughout open areas. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-85 (SUK!)
231	<i>Ziziphus horrida</i> Roth.	October to May	Dry deciduous forests and open areas	Natural	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-323 (SUK!)
232	<i>Ziziphus mauritiana</i> Lam.	October to February	Dry deciduous forests and open areas	Natural	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-329 (SUK!)
233	<i>Ziziphus nummularia</i> (Burm.f.) Wight & Arn.	March to June	Dry deciduous forests and open areas	Natural	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-330 (SUK!)
234	<i>Ziziphus oenoplia</i> (L.) Mill.	September to January	Dry deciduous forests and open areas	Natural	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-331 (SUK!)
235	<i>Ziziphus xylopyrus</i> (Retz.) Willd.	May to July	Dry deciduous forests and open areas	Natural	INDIA. Karnataka, Badami, throughout open areas. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-05 (SUK!)
ULMACEAE Mirb.					
236	<i>Holoptelea integrifolia</i> Planch.	February to July	Dry deciduous forests and open areas	Natural	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-333 (SUK!)
MORACEAE Gaudich					
237	<i>Ficus benghalensis</i> L.	March to May	Dry deciduous forests	Natural/ Cultivated	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-324 (SUK!)
238	<i>Ficus hispida</i> L.f.	January to July	Dry deciduous forests	Natural/ Cultivated	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-325 (SUK!)
239	<i>Ficus racemosa</i> L.	November to June	Dry deciduous forests	Natural/ Cultivated	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-326 (SUK!)
240	<i>Ficus religiosa</i> L. not Forssk.	February to August	Dry deciduous forests	Natural/ Cultivated	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-327 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
241	<i>Streblus asper</i> Lour.	January to July	Dry deciduous forests	Natural/ Cultivated	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-328 (SUK!)
Order: Cucurbitales					
CUCURBITACEAE Juss.					
242	<i>Coccinia grandis</i> (L.) Voigt	March to January	Open areas and in cultivated fields	Natural	JVD-162
243	<i>Corallocarpus epigaeus</i> (Rottler) Hook.f.	June to August	Open areas and deciduous forests	Natural	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-335 (SUK!)
244	<i>Cucumis prophetarum</i> L.	August to November	Open areas and deciduous forests	Natural	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-336 (SUK!)
245	<i>Cucumis sativus</i> L.	January to July	Rare in open areas and cultivated for fruits	Cultivated	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-337 (SUK!)
246	<i>Diplocyclos palmatus</i> (L.) Jeffrey	July to January	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-338 (SUK!)
247	<i>Luffa acutangula</i> (L.) Roxb.	June to October	Rare in open areas and cultivated for fruits	Cultivated/ Natural	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-339 (SUK!)
248	<i>Momordica charantia</i> L.	June to January	Rare in open areas and cultivated for fruits	Natural/ Cultivated	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-340 (SUK!)
249	<i>Mukia maderaspatana</i> (L.) Roem.	July to October	Open areas	Natural	INDIA. Karnataka, Badami, deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-271 (SUK!)
Order: Celastrales					
CELASTRACEAE R.Br.					
250	<i>Celastrus paniculatus</i> Willd.	December to June	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-219 (SUK!)
251	<i>Gymnosporia emarginata</i> (Willd.) Thwaites	September to February	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-279 (SUK!)
252	<i>Gymnosporia rothiana</i> (Walp.) M.A. Lawson	June to August	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, dry deciduous forests. 29 Aug 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-131 (SUK!)
Order: Oxalidales					
OXALIDACEAE R.Br.					
253	<i>Biophytum reinwardtii</i> (Zucc.) Klotz.	August to November	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-273 (SUK!)
254	<i>Biophytum sensitivum</i> (L.) DC.	August to November	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-274 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
255	<i>Oxalis corniculata</i> L.	Throughout year	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-275 (SUK!)
Order: Malpighiales					
ELATINACEAE Dumort.					
256	<i>Bergia ammannioides</i> Roxb.	August to April	Marshy areas around lakes and ponds	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-286 (SUK!)
MALPIGHIACEAE Juss.					
257	<i>Aspidopterys cordata</i> (Heyne ex Wall.) Juss.	September to November	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-346 (SUK!)
VIOLACEAE Batsch					
258	<i>Afrohybanthus enneaspermus</i> (L.) Flicker	September to February	Open areas and grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-65 (SUK!)
PASSIFLORACEAE Juss. ex Roussel					
259	<i>Passiflora foetida</i> L.	June to December.	Deciduous forests and open areas	Natural	INDIA. Karnataka, Badami, near Mahakuta temple. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-15 (SUK!)
SALICACEAE Mirb.					
260	<i>Flacourtia indica</i> (Burm.f.) Merr.	April to May	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-287 (SUK!)
EUPHORBIACEAE Juss.					
261	<i>Acalypha ciliata</i> Forssk.	July to November	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-276 (SUK!)
262	<i>Acalypha indica</i> L.	July to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-277 (SUK!)
263	<i>Acalypha wilkesiana</i> Muell. Arg.	Throughout year	Around Gardens	Cultivated	INDIA. Karnataka, Badami, near Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-278 (SUK!)
264	<i>Chrozophora prostrata</i> Dalzell	October to July	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, near Shiva temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-280 (SUK!)
265	<i>Chrozophora plicata</i> (Vahl) A. Juss. ex Spreng.	October to July	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-272 (SUK!)
266	<i>Croton bonplandianus</i> Baill.	August to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, near Mahakuta temple. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-20
267	<i>Euphorbia antiquorum</i> L.	November to April	Open areas and scrub forests	Natural	INDIA. Karnataka, Badami, Near Shiva temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-341 (SUK!)
268	<i>Euphorbia caducifolia</i> . Haines	January to April	Open areas and scrub forests	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-342 (SUK!)
269	<i>Euphorbia elegans</i> Spreng.	September to April	Open areas	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Aug 2015, <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-121 (SUK!)
270	<i>Euphorbia heterophylla</i> L.	August to April	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-343 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
271	<i>Euphorbia hirta</i> L.	Throughout year	Open areas, wastelands and grasslands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-344 (SUK!)
272	<i>Euphorbia milii</i> Des. Moul.	June to March	Cultivated	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-345 (SUK!)
273	<i>Euphorbia cristata</i> Heyne ex Roth.	June to March	Open areas	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-346 (SUK!)
274	<i>Euphorbia dracunculoides</i> Lam.	January to March	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-347 (SUK!)
275	<i>Euphorbia heyneana</i> Spreng.	April to September	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-348 (SUK!)
276	<i>Euphorbia nivulia</i> Buch.-Ham.	July to December	Single plant near Mahakoota temple	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-349 (SUK!)
277	<i>Euphorbia parviflora</i> L.	July to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-350 (SUK!)
278	<i>Euphorbia prostrata</i> Ait.	July to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-281 (SUK!)
279	<i>Euphorbia tirucalli</i> L.	February to April	Dry deciduous forests and along roadsides	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-282 (SUK!)
280	<i>Jatropha curcas</i> L.	April to December	Dry deciduous forests and along roadsides	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-283 (SUK!)
281	<i>Jatropha gossypifolia</i> L.	September to January	Dry deciduous forests, open areas and wastelands	Natural	INDIA. Karnataka, Badami, near Mahakuta temple. 07 Jul 2015, <i>J. V. Dalavi & S. S. Kambale</i> JVD-23
282	<i>Ricinus communis</i> L.	February to June	Dry deciduous forests, open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-284 (SUK!)
283	<i>Tragia plukenetii</i> Radcl. -Sm.	February to June	Dry deciduous forests, open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-285(SUK!)
LINACEAE DC. ex Perleb					
284	<i>Linum mysurense</i> B.Heyene ex Benth.	June to September	Open areas and grasslands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-288 (SUK!)
285	<i>Linum usitatissimum</i> L.	June to September	Seasonal grasslands	Natural/ Cultivated	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-289 (SUK!)
PHYLLANTHACEAE Martynov					
286	<i>Bridelia retusa</i> (L.) A.Juss.	December to May	Deciduous forests and open areas	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-290 (SUK!)
287	<i>Flueggea virosa</i> (Roxb. ex Willd.) Royle				

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
288	<i>Phyllanthus amarus</i> Schum. & Thonn.	July to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-341 (SUK!)
289	<i>Phyllanthus emblica</i> L.	September to January	Open area forests	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-342 (SUK!)
290	<i>Phyllanthus maderaspatensis</i> L.	June to September	Open area forests, grasslands and wastelands	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Aug 2015, <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-132 (SUK!)
291	<i>Phyllanthus reticulatus</i> Poir.	Throughout year	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-343 (SUK!)
292	<i>Phyllanthus simplex</i> Retz.	July to November	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-344 (SUK!)
Order: Myrtales					
COMBRETACEAE R. Br.					
293	<i>Anogeissus latifolia</i> (Roxb. ex DC.) Wall. ex Guill. & Perr.	September to February	Dry deciduous forests	Natural	INDIA. Karnataka, Badami. 29 sept 2015, <i>J. V. Dalavi & S. S. Kambale</i> . JVD-114 (SUK!)
294	<i>Terminalia alata</i> Roth.	April to August	Dry deciduous forests	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-347 (SUK!)
295	<i>Terminalia catappa</i> L.	October to July	Dry deciduous forests as well as cultivated along roadsides	Natural/ Cultivated	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-348 (SUK!)
296	<i>Terminalia chebula</i> Retz.	January to September	Dry deciduous forests	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-349 (SUK!)
LYTHRACEAE J.St.-Hil.					
297	<i>Ammannia baccifera</i> L.	September to December	Around seasonal lakes, ponds and marshy places	Natural	INDIA. Karnataka, Badami, behind cave temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-160 (SUK!)
298	<i>Ammannia multiflora</i> Roxb.	September to January	Around seasonal lakes, ponds and marshy places	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-350 (SUK!)
299	<i>Lagerstroemia parviflora</i> Roxb.	April to August	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Sept 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-111 (SUK!)
300	<i>Rotala fimbriata</i> Wight	August to November	Around seasonal lakes, ponds and marshy places	Natural	INDIA. Karnataka, Badami, behind cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-227 (SUK!)
ONAGRACEAE Juss.					
301	<i>Ludwigia perennis</i> L.	August to November	Marshy places and in seasonal ponds	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-150 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
302	<i>Ludwigia octovalvis</i> (Jacq.) P.H.Raven	Throughout year	Marshy places and in seasonal ponds	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-170 (SUK!)
MYRTACEAE Juss.					
303	<i>Eucalyptus globulus</i> Labill.	January to May	Common along road sides	Cultivated/ Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-291 (SUK!)
304	<i>Psidium guajava</i> L.	May to November	Dry deciduous forests	Natural/ cultivated	INDIA. Karnataka, Badami, behind Mahakuta temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-292 (SUK!)
305	<i>Syzygium cumini</i> (L.) Skeels	March to July	Dry deciduous forests	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Mahakuta temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-293 (SUK!)
Order: Sapindales					
BURSERACEAE Kunth					
306	<i>Commiphora berryi</i> (Arn.) Engl.	January to April	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-225 (SUK!)
307	<i>Boswellia serrata</i> Roxb. ex Colebr.	June to September	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-354 (SUK!)
ANACARDIACEAE R.Br.					
308	<i>Lannea coromandelica</i> (Houtt.) Merr.	February to April	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-294 (SUK!)
309	<i>Mangifera indica</i> L.	March to July.	Dry deciduous forests	Natural	JVD-295 INDIA. Karnataka, Badami, behind Mahakuta temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-294 (SUK!)
310	<i>Searsia sinuata</i> (Thunb.) F.A. Barkley	August to December.	Dry deciduous forests	Natural	JVD-295 INDIA. Karnataka, Badami, behind Mahakuta temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-296
SAPINDACEAE Juss.					
311	<i>Cardiospermum helicacabum</i> L.	June to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-165 (SUK!)
312	<i>Dodonaea viscosa</i> (L.) Jacq.	July to January	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-17 (SUK!)
313	<i>Lepisanthes tetraphylla</i> (Vahl) Radlk.	January to July	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-02 (SUK!)
314	<i>Sapindus trifoliatus</i> L.	August to November	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-297 (SUK!)
RUTACEAE Juss.					
315	<i>Aegle marmelos</i> (L.) Correa	March to May	Dry deciduous forests and cultivated near village	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Nagnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-298 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
316	<i>Chloroxylon swietenia</i> DC.	March to June	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-299 (SUK!)
317	<i>Murraya koenigii</i> (L.) Spreng.	March to July	Dry deciduous forests and cultivated for leaves	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Nagnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-300 (SUK!)
318	<i>Naringi crenulata</i> (Roxb.) Nicol. ex Gandhi	December to June	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-351 (SUK!)
319	<i>Toddalia asiatica</i> L.	July to September	Dry deciduous forests	Natural	JVD-295 INDIA. Karnataka, Badami, behind Nagnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-221 (SUK!)
SIMAROUBACEAE DC.					
320	<i>Ailanthus excelsa</i> Roxb.	March to June	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-352 (SUK!)
321	<i>Simarouba glauca</i> DC.	December to February	Rare in dry forests	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-353 (SUK!)
MELIACEAE Juss.					
322	<i>Azadirachta indica</i> A.Juss.	November to August	Dry deciduous forests and along roadsides	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Nagnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-355 (SUK!)
Order: Malvales					
MALVACEAE Juss.					
323	<i>Abutilon indicum</i> (L.) Sweet	August to February	Dry forests and open areas	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-356 (SUK!)
324	<i>Abutilon pannosum</i> (G.Forst.) Schlttdl.	October to May	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-357 (SUK!)
325	<i>Abutilon persicum</i> (Burm.f.) Merr.	November to January	Open areas, dry scrub forests and wastelands	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-02 (SUK!)
326	<i>Corchorus aestuans</i> L.	August to February	Open areas, dry scrub forests and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-358 (SUK!)
327	<i>Corchorus trilocularis</i> L.	August to March	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-166 (SUK!)
328	<i>Grewia hirsuta</i> Vahl	June to July	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-53 (SUK!)
329	<i>Grewia rothii</i> DC.	April to December	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-78 (SUK!)
330	<i>Grewia tiliifolia</i> Vahl	April to July	Dry deciduous forests	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-359 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
331	<i>Grewia villosa</i> Willd.	October to March	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, J. V. Dalavi & S.S. Kambale JVD-43 (SUK!), INDIA. Karnataka, Bagalkot, Badami 17 Jul 2016 Kishore K. & Mayur Nandikar 1038 (NGCPR!)
332	<i>Herissantia crispa</i> (L.) Brizicky	August to February	Open areas	Natural	INDIA. Karnataka, Bagalkot district, Badami, behind Cave temple. 9 February 2017. J. V. Dalavi, S. P. Bramhadande and S. R. Yadav. JVD-903 (SUK!)
333	<i>Hibiscus lobatus</i> (Murray) Kuntze	July to October.	Seasonal grasslands and open areas during rainy season	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-361 (SUK!)
334	<i>Hibiscus radiatus</i> Cav.	June to December	Rare in open forests and along roadsides	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-360 (SUK!)
335	<i>Hibiscus rosa-sinensis</i> L.	Throughout year	Open areas and cultivated as ornamental	Natural/ Cultivated	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-390 (SUK!)
336	<i>Melochia corchorifolia</i> L.	August to December	Around seasonal lakes	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, J. V. Dalavi & S.S. Kambale JVD-190 (SUK!)
337	<i>Pavonia odorata</i> Willd.	June to October	Open forests and wastelands	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, J. V. Dalavi & S.S. Kambale JVD-183 (SUK!)
338	<i>Sida acuta</i> Burm.f.	August to October	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-392 (SUK!)
339	<i>Sida cordifolia</i> L.	August to October	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-393 (SUK!)
340	<i>Sida rhombifolia</i> L.	July to December	Open areas, seasonal grasslands and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-394 (SUK!)
341	<i>Triumfetta rhomboidea</i> Koen ex Rottb.	July to November	Open areas, seasonal grasslands and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-395 (SUK!)
342	<i>Waltheria indica</i> L.	October to January	Open areas, seasonal grasslands and wastelands	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, J. V. Dalavi & S.S. Kambale JVD-01 (SUK!)
Order: Brassicales					
MORINGACEAE Mortinov					
343	<i>Moringa oleifera</i> Lam.	May to October	Dry deciduous forests	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-364 (SUK!)
SALVADORACEAE Lindl.					
344	<i>Azima tetraacantha</i> Lam.	May to August	Dry deciduous forests and open areas	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-642 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
345	<i>Salvadora persica</i> L.	September to November.	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, J. V. Dalavi & S.S. Kambale JVD-149 (SUK!)
CAPPARACEAE Juss.					
346	<i>Cadaba fruticosa</i> (L.) Druce	November to March	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, J. V. Dalavi & S.S. Kambale JVD-102 (SUK!)
347	<i>Capparis aphylla</i> Roth	January to June	Dry deciduous forests and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-400 (SUK!)
348	<i>Capparis divaricata</i> Lam.	May to June	Dry deciduous forests and	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-362 (SUK!)
349	<i>Capparis zeylanica</i> L.	December to April	Dry deciduous forests	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-363 (SUK!)
CLEOMACEAE Bercht. & J. Presl.					
350	<i>Cleome aspera</i> J.Koenig ex DC.	July to September	Seasonal grasslands and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-396 (SUK!)
351	<i>Cleome gynandra</i> L.	September to February	Seasonal grasslands and open areas	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-397 (SUK!)
352	<i>Cleome monophylla</i> L.	July to December.	Seasonal grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, J. V. Dalavi & S.S. Kambale JVD-57 (SUK!)
353	<i>Cleome simplicifolia</i> (Camb.) Hook.f. & Thoms.	March to December	Seasonal grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, J. V. Dalavi & S.S. Kambale JVD-55 (SUK!)
354	<i>Cleome viscosa</i> L.	August to January	Seasonal grasslands and open areas	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-398 (SUK!)
355	<i>Cleome viscosa</i> var. <i>nagarjunakondensis</i> Sundararagh	May to August	Open areas and gravelly plains	Natural	INDIA. Karnataka, Badami. 11 Jul 2017. J. V. Dalavi & S.P. Bramhadande JVD-643 (SUK!)
BRASSICACEAE Burnett					
356	<i>Brassica juncea</i> (L.) Czern.	July to 6December	Common in cultivated fields	Natural/ Cultivated	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-399 (SUK!)
SUPERASTERIDS					
Order: Santalales					
OLACACEAE R.Br.					
357	<i>Ximenia americana</i> L.	March to June	Dry deciduous forests	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-367 (SUK!)
SANTALACEAE R.Br.					
358	<i>Santalum album</i> L.	April to February	Dry deciduous forests	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, J. V. Dalavi & S.P. Bramhadande JVD-366 (SUK!)
359	<i>Viscum articulatum</i> Burm.f.	June to August	Parasitic on trees	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, J. V. Dalavi & S.S. Kambale JVD-12 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
LORANTHACEAE Juss.					
360	Dendrophthoe falcata (L.f.) Ettigsh.	December to February	Parasite on large trees particularly <i>Lannea</i> , <i>Mangifera</i> and <i>Ficus</i>	Natural	INDIA. Karnataka, Badami. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-124 (SUK!)
Order: Caryophyllales					
PLUMBAGINACEAE Juss.					
361	Plumbago zeylanica L.	July to December	Dry forests, open areas and wastelands	Natural	INDIA. Karnataka, Badami. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-373 (SUK!)
POLYGONACEAE Juss.					
362	Persicaria glabra (Willd.) M.Gómez	July to April	Around lakes and waterbodies	Natural	INDIA. Karnataka, Badami. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-169 (SUK!)
363	Polygonum plebeium R.Br.	November to May	Around muddy places, dried lakes and in saline soil	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-205 (SUK!)
DROSERACEAE Salisb.					
364	Drosera indica L.	August to December	Wetlands and marshy places	Natural	INDIA. Karnataka, Badami, behind Cave temple. 12 Nov 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-638 (SUK!)
365	Drosera burmannii Vahl	August to December	Wetlands and marshy places	Natural	INDIA. Karnataka, Badami, behind Cave temple. 12 Nov 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-639 (SUK!)
CARYOPHYLLACEAE Juss.					
366	Polycarpha aurea Wight & Arn.	July to February	Gravelly plains and rocky crevices of scrub forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-374 (SUK!)
367	Polycarpha corymbosa (L.) Lam.	July to February	Gravelly plains and rocky crevices	Natural	INDIA. Karnataka, Badami, Nagnath temple. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-133 (SUK!)
AMARANTHACEAE Juss.					
368	Achyranthes aspera L.	July to January	Open areas and scrub forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-381 (SUK!)
369	Aerva lanata (L.) Juss. ex Schult.	October to April	Around lakes and seasonal water-bodies	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-226 (SUK!)
370	Aerva sanguinolenta (L.) Blume	October to April	Around lakes and seasonal water-bodies	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-382 (SUK!)
371	Allmania nodiflora (L.) R.Br. ex Wight	November to May	Grasslands and open areas	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> JVD-383 (SUK!)
372	Alternanthera ficoidea (L.) P. Beauv.	Throughout year	Wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-386 (SUK!)
373	Alternanthera pungens Kunth	Throughout year	Around marshy areas, wastelands and dried lakes	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-384 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
374	<i>Alternanthera sessilis</i> (L.) R.Br. ex DC.	Throughout year	Around marshy areas, wastelands and dried lakes	Natural	INDIA. Karnataka, Badami, Nagnath temple. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-156 (SUK!)
375	<i>Alternanthera spinosa</i> (Hornem.) Schult.	Throughout year	Wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-385 (SUK!)
376	<i>Amaranthus spinosus</i> L.	October to January	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-387 (SUK!)
377	<i>Amaranthus viridis</i> L.	June to March	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-388 (SUK!)
378	<i>Celosia argentea</i> L.	June to May	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-389 (SUK!)
379	<i>Digera muricata</i> (L.) Mart.	August to September	Around dried water bodies and weed in cultivated field	Natural	INDIA. Karnataka, Badami, Nagnath temple. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-135 (SUK!)
380	<i>Gomphrena celosioides</i> Mart.	July to December	Open areas, grasslands and wastelands	Natural	INDIA. Karnataka, Badami, Nagnath temple. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-92 (SUK!)
381	<i>Pupalia lappacea</i> (L.) Juss.	October to March	Open areas, grasslands and wastelands	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD -177 (SUK!)
382	<i>Trichuriella monsoniae</i> (L.f.) Bennet	June to Spetember	Gravelly plains and seasonal grasslands	Natural	INDIA. Karnataka, Badami, Nagnath temple. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . (SUK!) JVD-89
NYCTAGINACEAE Juss.					
383	<i>Boerhavia diffusa</i> L.	June to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-377 (SUK!)
384	<i>Boerhavia erecta</i> L.	June to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, Nagnath temple. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-136 (SUK!)
385	<i>Bougainvillea spectabilis</i> Willd.	Throughout year	Along roadsides and cultivated near villages	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-378 (SUK!)
386	<i>Commicarpus chinensis</i> (L.) Heimerl	June to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016, <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-376 (SUK!)
MOLLUGINACEAE Bartl.					
387	<i>Glinus lotoides</i> L.	October to February	Near muddy places and dried lakes	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-228 (SUK!)
388	<i>Hypertelis cerviana</i> (L.) Thulin	September to January	On gravelly plains and wet places	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-421 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
389	Paramollugo nudicaulis (Lam.) Thulin	September to January	On gravelly plains and wet places	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-422 (SUK!)
390	Trigastrotheca pentaphylla (L.) Thulin	September to January	On gravelly plains and wet places	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-13 (SUK!)
BASELLACEAE Raf.					
391	Basella alba L.	July to December	Scrub forests and dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-390 (SUK!)
PORTULACACEAE Juss.					
392	Portulaca oleracea L.	June to November	Open areas and Wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-379 (SUK!)
393	Portulaca tuberosa Roxb.	July to September	Open areas and Wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-420 (SUK!)
394	Portulaca wightiana Wight & Arn.	July to September	Open areas and Wastelands	Natural	INDIA. Karnataka, Badami. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-119 (SUK!)
CACTACEAE Juss.					
395	Cereus repandus (L.) Mill.	July to September	Scrub forests and along roadsides and on the margins of farms	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-371 (SUK!)
396	Opuntia tuna (L.) Mill.	August to February	Scrub forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-372 (SUK!)
Clade: ASTERIDS					
Order: Cornales					
CORNACEAE Bercht. ex J.Presl					
397	Alangium salviifolium (L.f.) Wangerin	March to July	Open forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-423 (SUK!)
Order: Ericales					
BALSAMINACEAE A.Rich.					
398	Impatiens balsamina L.	June to October	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-424 (SUK!)
SAPOTACEAE Juss.					
399	Madhuca longifolia (J.Koenig ex L.) J.F.Macbr.	November to April	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-427 (SUK!)
EBENACEAE Gurke					
400	Diospyros melanoxylon Roxb.	April to January	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-426 (SUK!)
PRIMULACEAE Batsch ex Borkh.					
401	Lysimachia arvensis (L.) U.Manns & Anderb.	June to October	Seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-425 (SUK!)
Order: Gentianales					
RUBIACEAE Juss.					
402	Canthium coromandelicum (Burm.f.) Alston.	April to June	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-31 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
403	<i>Catunaregam spinosa</i> (Thunb.) Tirveng.	May to September	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . (SUK!) JVD-222
404	<i>Gardenia latifolia</i> Aiton	May to January	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-28 (SUK!)
405	<i>Gardenia resinifera</i> Roth.	March to October	Hilly deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-428 (SUK!)
406	<i>Kohautia aspera</i> (B.Heyne ex Roth) Bremek.	June to September	Rare in Gravelly plains	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-644 (SUK!)
407	<i>Morinda coreia</i> Buch.-Ham.	March to September	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . (SUK!) JVD-54
408	<i>Oldenlandia corymbosa</i> L.	July to November	Sandy plains	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-1000 (SUK!)
409	<i>Pavetta crassicaulis</i> Bremek.	February to July	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-429 (SUK!)
410	<i>Richardia scabra</i> L.	August to November	Open areas and seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-490 (SUK!)
411	<i>Spermacoce articularis</i> L.f.	August to November	Open areas and seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-430 (SUK!)
GENTIANACEAE Juss.					
412	<i>Canscora diffusa</i> (Vahl.) R.Br. ex Roem. & Schult.	September to November	Seasonal moist grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . (SUK!) JVD-32
413	<i>Enicostema axillare</i> (Poir. ex Lam.) A.Raynal	June to January	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-168 (SUK!)
LOGANIACEAE R.Br. ex Mart.					
414	<i>Strychnos potatorum</i> L.f.	February to October	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-26 (SUK!)
APOCYNACEAE Juss.					
415	<i>Calotropis gigantea</i> (L.) Dryand.	June to October	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-491 (SUK!)
416	<i>Calotropis procera</i> (Aiton) W.T. Aiton	June to October	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-492 (SUK!)
417	<i>Caralluma fimbriata</i> Wall.	April to July	Scrub forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-493 (SUK!)
418	<i>Carissa spinarum</i> L.	April to July	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-50 (SUK!)
419	<i>Catharanthus pusillus</i> (Murray) G.Don	July to September	Seasonal moist grasslands	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-193 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
420	<i>Catharanthus roseus</i> (L.) G. Don	Throughout year	Open areas and cultivated near villages	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-495 (SUK!)
421	<i>Ceropegia juncea</i> Roxb.	June to October	Scrub forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-46 (SUK!) INDIA. Karnataka, Bagalkot, Badami, Sept 2010 <i>A. Meebold</i> 11365 (CAL)
422	<i>Ceropegia spiralis</i> Wight	July to December	Gravelly plains and slopes	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-235 (SUK!)
423	<i>Cryptolepis dubia</i> (Burm.f.) M.R.Almeida	July to December	Dry deciduous and scrub forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-496 (SUK!)
424	<i>Cryptostegia grandiflora</i> Roxb. ex R.Br.	April to January	Dry deciduous scrub forests and open areas	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-30 (SUK!)
425	<i>Cynanchum sarcomedum</i> Meve & Liede	June to November	Scrub forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-498 (SUK!)
426	<i>Cynanchum viminale</i> (L.) L.	June to November	Dry deciduous scrub forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-494 (SUK!)
427	<i>Cynanchum wallichii</i> Wight	June to November	Dry deciduous scrub forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-495 (SUK!)
428	<i>Gymnema sylvestre</i> (Retz.) R.Br. ex Sm.	April to October	Open areas, scrub forests awastelands	Natural	INDIA. Karnataka, Badami. 29 Sept 2015. <i>J. V. Dalavi & S. S. Kambale</i> . JVD-113 (SUK!)
429	<i>Hemidesmus indicus</i> (L.) R. Br. ex Schult.	July to January	Open areas and scrub forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-496 (SUK!)
430	<i>Holarrhena pubescens</i> Wall. ex G. Don	May to October	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-79 (SUK!)
431	<i>Ichnocarpus frutescens</i> (L.) W.T. Aiton	August to February	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-497 (SUK!)
432	<i>Leptadenia reticulata</i> (Retz.) Wight & Arn.	July to April	Rare in dry deciduous and scrub forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-499 (SUK!)
433	<i>Oxystelma esculentum</i> (L.f.) Sm.	July to February	Dry scrub forests	Natural	INDIA. Karnataka, Badami. 29 Sept 2015. <i>J. V. Dalavi & S. S. Kambale</i> . JVD-106 (SUK!)
434	<i>Pergularia daemia</i> (Forssk.) Chiov.	June to March	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-211 (SUK!)
435	<i>Tylophora indica</i> (Burm.f.) Merr.	August to December	Deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-25 (SUK!)
436	<i>Vallis solanacea</i> (Roth) Kuntze	October to February	Open areas, dry forests and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-213 (SUK!)
437	<i>Wrightia tinctoria</i> (Roxb.) R.Br.	February to November	Dry deciduous forests	Natural	INDIA. Karnataka, Badami. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-99 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
Order: Boraginales					
BORAGINACEAE Juss.					
438	<i>Coldenia procumbens</i> L.	October to April	Around dried lakes	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, J. V. Dalavi & S.S. Kambale JVD-179 (SUK!)
439	<i>Cordia dichotoma</i> G.Frost.	June to February	Deciduous forests	Natural	INDIA. Karnataka, Badami, Nagnath temple. 29 Jan 2017. J. V. Dalavi & S.P. Bramhadande. JVD-500 (SUK!)
440	<i>Euploca ovalifolia</i> (Forssk.) Diane & Hilger	June to August	Seasonal grasslands and gravelly plains	Natural	INDIA. Karnataka, Bagalkot district, Badami, behind Cave temple. 9 February 2017. J. V. Dalavi, S. P. Bramhadande and S. R. Yadav. JVD-904 (SUK!)
441	<i>Euploca strigosa</i> (Willd.) Diane & Hilger	June to August	Seasonal grasslands and gravelly plains	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. J. V. Dalavi & S.P. Bramhadande. JVD-641 (SUK!)
442	<i>Heliotropium indicum</i> L.	August to February	Seasonal grasslands and moist places	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. J. V. Dalavi & S.P. Bramhadande. JVD-431 (SUK!)
443	<i>Heliotropium supinum</i> L.	September to March	Seasonal grasslands and moist places	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. J. V. Dalavi & S.P. Bramhadande. JVD-432 (SUK!)
444	<i>Heliotropium zeylanicum</i> (Burm. f.) Lam.	July to April	Around lakes, ponds and muddy places	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. J. V. Dalavi & S.P. Bramhadande. JVD-433 (SUK!)
445	<i>Trichodesma indicum</i> (L.) Lehm.	August to January	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. J. V. Dalavi & S.P. Bramhadande. JVD-224 (SUK!)
446	<i>Trichodesma zeylanicum</i> (Burm. f.) R.Br.	August to January	Open areas and wastelands	Natural	Badami, behind Cave temple. 11 Dec 2016. J. V. Dalavi & S.P. Bramhadande. JVD-434 (SUK!)
Order: Vahliales					
VAHLIACEAE Dandy					
447	<i>Vahlia digyna</i> (Retz.) Kuntze	January to March	Near dried water bodies	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. J. V. Dalavi & S.P. Bramhadande. JVD-230 (SUK!)
Order: Solanales					
CONVOLVULACEAE Juss.					
448	<i>Cressa critica</i> L.	December to February	Gravelly plains and open areas	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, J. V. Dalavi & S.S. Kambale JVD-181 (SUK!)
449	<i>Cuscuta reflexa</i> Roxb.	July to December	Parasitically grow on trees	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. J. V. Dalavi & S.P. Bramhadande. JVD-435 (SUK!)
450	<i>Evolvulus alsinoides</i> (L.) L.	June to January	Gravelly plains and grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, J. V. Dalavi & S.S. Kambale. JVD-06 (SUK!)
451	<i>Ipomoea carnea</i> Jacq.	July to January	In lakes, muddy places and wastewater damp.	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. J. V. Dalavi & S.P. Bramhadande. JVD-437 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
452	<i>Ipomoea eriocarpa</i> R.Br.	August to January	Open areas and gravelly slopes.	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-438 (SUK!)
453	<i>Ipomoea hederifolia</i> L.	August to April	Open areas and climbing on shrubs and trees	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-439 (SUK!)
454	<i>Ipomoea nil</i> (L.) Roth	July to December	Open areas and moist places	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-440 (SUK!)
455	<i>Ipomoea obscura</i> (L.) Ker-Gawl.	December to April	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-217 (SUK!)
456	<i>Ipomoea pes-tigrides</i> L.	September to November	Open areas and around roadsides	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-436 (SUK!)
457	<i>Ipomoea staphylina</i> Roem. & Schult.	September to March	Open areas and slopes of hills	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-480 (SUK!)
458	<i>Ipomoea quamoclit</i> L.	June to January	Open areas, wastelands and cultivated	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-481 (SUK!)
459	<i>Merremia gangetica</i> Cufod.	August to December	Open areas and in dried lakes	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-482 (SUK!)
460	<i>Merremia hederacea</i> (Burm.f.) Hallier f.	August to January	Open areas and gravelly slopes	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-483 (SUK!)
461	<i>Rivea hypocrateriformis</i> (Desr.) Choisy	December to March	Common in scrub forests	Natural	INDIA. Karnataka, Badami. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-95 (SUK!)
462	<i>Xenostegia tridentata</i> (L.) D.F.Austin & Staples	June to March	Gravelly plains and open areas	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-199 (SUK!)
SOLANACEAE Juss.					
463	<i>Capsicum annuum</i> L.	May to November	Open areas and cultivated field	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-485 (SUK!)
464	<i>Datura innoxia</i> Mill.	September to March	Open areas and wastepplaces	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-487 (SUK!)
465	<i>Datura metel</i> L.	July to September	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-486 (SUK!)
466	<i>Datura metel</i> L.	July to September	Open areas, along roadsides and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-488 (SUK!)
467	<i>Physalis angulata</i> L.	July to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-489 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
468	<i>Solanum lycopersicum</i> L.	June to December	Open areas and cultivated field	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-441 (SUK!)
469	<i>Solanum pubescens</i> Willd.	August to October	Open areas and wastelands	Natural	INDIA. Karnataka, Badami. 29 Sept 2015. <i>J. V. Dalavi & S. S. Kambale</i> . JVD-104 (SUK!)
470	<i>Solanum trilobatum</i> L.	December to June	Open areas	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-442 (SUK!)
471	<i>Solanum virginianum</i> L.	August to March	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-444 (SUK!)
472	<i>Withania somnifera</i> (L.) Dunal.	October to July	Open areas, wastelands and along roadsides	Natural	INDIA. Karnataka, Badami. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-123 (SUK!)
Order: Lamiales					
OLEACEAE Hoffmanns. & Link					
473	<i>Jasminum arborescens</i> Roxb.	April to May	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-443 (SUK!)
474	<i>Jasminum auriculatum</i> Vahl	April to May	Dry deciduous forests	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-445 (SUK!)
475	<i>Jasminum sambac</i> (L.) Aiton	Throughout year	Around village	Cultivated/ Escaped	INDIA. Karnataka, Bagalkot district, Badami, behind Cave temple. 9 February 2017. <i>J. V. Dalavi, S. P. Bramhadande and S. R. Yadav</i> . JVD-904 (SUK!)
PLANTAGINACEAE Juss.					
476	<i>Mecardonia procumbens</i> (Mill.) Small	June to December	Gravelly slopes and seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-447 (SUK!)
477	<i>Scoparia dulcis</i> L.	August to December	Dry deciduous forests and gravelly plains	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-448 (SUK!)
SCROPHULARIACEAE Juss.					
478	<i>Verbascum chinense</i> (L.) Santapau	February to September	Wastelands	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-164 (SUK!)
LINDERNIACEAE Borsch, K. Müll. & Eb. Fisch.					
479	<i>Bonnaya oppositifolia</i> (Retz.) Spreng.	August to December	Wetlands, nuddy and shady places.	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-450 (SUK!)
MARTYNIACEAE Juss.					
480	<i>Martynia annua</i> L.	June to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-534 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
PEDALIACEAE R. Br.					
481	Pedalium murex L.	July to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-209 (SUK!)
482	Sesamum indicum L.	July to October	Open areas and cultivated field	Natural/ Cultivated	INDIA. Karnataka, Badami. 29 Aug 2015. <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-130 (SUK!)
483	Sesamum prostratum Retz.	August to December	Gravelly plains, slopes and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-14 (SUK!)
ACANTHACEAE Juss.					
484	Andrographis paniculata (Burm. f.) Nees	August to February	Open areas and gravelly slopes	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-187 (SUK!)
485	Andrographis serpyllifolia (Vahl) Wight	September to February	Grasslands and rocky slopes	Natural	INDIA. Karnataka, Badami, behind Cave temple. 14 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-516 (SUK!)
486	Asystasia gangetica (L.) T. Anderson	June to November	Open areas and seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-453 (SUK!)
487	Barleria acuminata Wight ex Nees	November to April	Open areas and gravelly plains	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-454 (SUK!)
488	Barleria prionitis L.	October to February	Open areas and gravelly plains	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-455 (SUK!)
489	Barleria stocksii T. Anderson	May to August	Gravelly plains	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-10 (SUK!)
490	Barleria tomentosa Roth	March to April	Gravelly plains and open forests	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-456 (SUK!)
491	Blepharis maderaspatensis (L.) Heyne ex Roth	August to December	Gravelly plains and open areas	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-457 (SUK!)
492	Blepharis integrifolia (L.f.) E.Mey. & Drège ex Schinz	August to December	Gravelly plains and rocky plateaus	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-458 (SUK!)
493	Dicliptera paniculata (Forssk.) I. Darbysh.	September to December	Open areas and gravelly slopes.	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-528 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
494	Dipteracanthus patulus (Jacq.) Nees	June to March	Open areas	Natural	INDIA. Karnataka, Bagalkot district, Badami, behind Cave temple. 9 February 2017. <i>J. V. Dalavi, S. P. Bramhadande and S. R. Yadav</i> . JVD-905 (SUK!)
495	Erianthera echioides (L.) M. R.Almeida	March to December	Open areas and gravelly slopes	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-67 (SUK!)
496	Justicia glauca Rottler	August to January	Gravelly plains and grasslands	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-526 (SUK!)
497	Lepidagathis cristata Willd.	August to January	Gravelly plains and sandy plains	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-527 (SUK!)
498	Nicoteba betonica (L.) Lindau	August to December	Gravelly plains and seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-460 (SUK!)
499	Pseuderanthemum malabaricum Gamble	August to December	Gravelly plains and open areas	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-459 (SUK!)
500	Rhinacanthus nasutus (L.) Kurz	September to December	Slopes of hills and open forests	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> (SUK!) JVD-174
501	Rostellularia procumbens (L.) Nees	August to November	Gravelly plains and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-36 (SUK!)
502	Rungia elegans Dalzell & A. Gibson	September to December	Open areas and seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-529 (SUK!)
BIGNONIACEAE Juss.					
503	Dolichandrone atrovirens (Roth) K.Schum.	March to July	Dry deciduous forest	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-530 (SUK!)
LENTIBULARIACEAE Rich.					
504	Utricularia aurea Lour.	August to October	Rare around water bodies on plateau	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-661 (SUK!)
505	Utricularia caerulea L.	August to September	Rare around water bodies on rocky plateau	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-662 (SUK!)
VERBENACEAE J. St.-Hil.					
506	Duranta erecta L.	September to June	Escaped from gardens and park	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-531 (SUK!)
507	Lantana camara L.	Throughout year	Common in open forests and wastelands	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-532 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
508	Phyla nodiflora (L.) Greene	October to May	Around dried water bodies	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-201 (SUK!)
509	Stachytarpheta jamaicensis (L.) Vahl	July to November	In seasonal grasslands and wastelands	Natural	INDIA. Karnataka, Badami, behind Nagnath temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-533 (SUK!)
LAMIACEAE Martinov					
510	Anisochilus carnosus (L.f.) Wall.	July to December	Wet rocky areas	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-471 (SUK!). Bijapur District, Badami, 17 October 1892, <i>W. A. Talbot</i> 2815 (BSI!). INDIA. Karnataka, Bagalkot District, Badami, hills behind cave temple, elev. 578 m, 15 0 55'24.678" N 75 0 41'38.168" E, 2 December 2017, <i>K. Shinoj & Jagdish Dalavi</i> 150936 (CALI!).
511	Anisomeles indica (L.) Kuntze	September to December	Open areas and gravelly slopes	Natural	INDIA. Karnataka, Badami. 29 Sept 2015. <i>J. V. Dalavi & S. S. Kambale</i> . JVD-137 (SUK!)
512	Anisomeles malabarica R.Br. ex Sims.	September to December	Open areas and gravelly slopes	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-472 (SUK!)
513	Lavandula bipinnata (Roth) Kuntze	August to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-474 (SUK!)
514	Leonotis nepetifolia (L.) R.Br.	August to November	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-475 (SUK!)
515	Leucas aspera (Willd) Link	September to February	Open areas and westlands	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-154 (SUK!)
516	Leucas ciliata Benth.	June to January	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-140 (SUK!)
517	Leucas lavandulifolia Sm.	September to February	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-178 (SUK!)
518	Mesosphaerum suaveolens (L.) Kuntze	September to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, Agastya Lake. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-473 (SUK!)
519	Ocimum americanum L.	September to February	Open areas and gravelly plains	Natural	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-216 (SUK!)
520	Ocimum basilicum L.	April to July	Open areas and gravelly plains	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-51 (SUK!)
521	Ocimum tenuiflorum L.	August to April	Cultivated as sacred plant	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-476 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
522	<i>Orthosiphon thymiflorus</i> (Roth) Sleesen	August to December	Open areas and gravelly slopes	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-477 (SUK!)
523	<i>Plectranthus barbatus</i> Andrews	October to December	Open areas and gravelly slopes	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-478 (SUK!)
524	<i>Premna tomentosa</i> Willd.	February to April	Deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-479 (SUK!)
525	<i>Symphorema polyandrum</i> Wight	February to April	Deciduous forests	Natural	INDIA. Karnataka, Badami. 29 Sept 2015. <i>J. V. Dalavi & S. S. Kambale</i> . JVD-101 (SUK!)
526	<i>Vitex negundo</i> L.	September to February	Deciduous forests	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-451 (SUK!)
OROBANCHACEAE Vent.					
527	<i>Parasopbia delphiniifolia</i> (L.) H.P.ofm. & Eb.Fisch.	August to January	Seasonal Wetlands	Natural	INDIA. Karnataka, Badami. 29 Sept 2015. <i>J. V. Dalavi & S. S. Kambale</i> . JVD-103 (SUK!)
528	<i>Striga asiatica</i> (L.) Kuntze	August to January	Seasonal Wetlands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-449 (SUK!)
529	<i>Striga gesnerioides</i> (Willd.) Vatke	August to January	Seasonal wetlands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-196 (SUK!)
Order: Asterales					
CAMPANULACEAE Juss.					
530	<i>Lobelia alsinoides</i> Lam.	July to December	Marshy places	Natural	INDIA. Karnataka, Badami, behind cave temple. 29 Aug 2015, <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-120 (SUK!)
MENYANTHACEAE Dumort.					
531	<i>Nymphoides indica</i> (L.) Kuntze	February to June	Unevenly found in waterbodies	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Jun 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-663 (SUK!)
ASTERACEAE Martinov					
532	<i>Acmella paniculata</i> (Wall. ex DC.) R.K. Jansen	September to January	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-535 (SUK!)
533	<i>Ageratum conyzoides</i> L.	Throughout the year	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-33 (SUK!)
534	<i>Bidens biternata</i> (Lour.) Merr. & Sherff	July to December	Seasonal grasslands and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-536 (SUK!)
535	<i>Blainvillea acmella</i> (L.) Philipson	July to October	Seasonal grasslands and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-537 (SUK!)
536	<i>Caesulia axillaris</i> Roxb.	October to January	Moist shady places and around seasonal lakes	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Aug 2015, <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-126 (SUK!)
537	<i>Dicoma tomentosa</i> Cass.	September to December	Open areas wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Aug 2015, <i>J. V. Dalavi & M. M. Lekhak</i> . JVD-125 (SUK!)
538	<i>Echinops echinatus</i> Roxb.	September to January	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-538 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
539	<i>Eclipta prostrata</i> (L.) L.	August to November.	Open areas and seasonal grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-539 (SUK!)
540	<i>Emilia sonchifolia</i> (L.) DC. ex DC.	August to November	Open areas, rocky plateaus and grasslands	Natural	INDIA. Karnataka, Badami, behind Agastya lake. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-540 (SUK!)
541	<i>Erigeron bonariensis</i> L.	September to December	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015. <i>J. V. Dalavi & S.S. Kambale</i> . JVD-143 (SUK!)
542	<i>Glossocardia bosavallea</i> (L.f.) DC.	August to December	Open areas and rocky plateaus	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-541 (SUK!)
543	<i>Gnaphalium pulvinatum</i> Delile	August to January	Around lakes and in dried water bodies	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-542 (SUK!)
544	<i>Grangea maderaspatana</i> (L.) Poir.	August to January	Around dried waterbodies	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-543 (SUK!)
545	<i>Lagascea mollis</i> Cav.	Throughout year	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-544 (SUK!)
546	<i>Launaea procumbens</i> (Roxb.) Ramayya & Rajgopal	July to February	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-545 (SUK!)
547	<i>Parthenium hysterophorus</i> L.	Throughout year	Common in all habitats	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-09 (SUK!)
548	<i>Pentanema indicum</i> (L.) Ling	October to January	Rocky plateaus and gravelly plains	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-145 (SUK!)
549	<i>Senecio tenuifolius</i> Burm.f.	July to September	Open areas and gravelly plains	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-546 (SUK!)
550	<i>Sonchus oleraceus</i> L.	July to October	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-547 (SUK!)
551	<i>Sphaeranthus indicus</i> L.	September to January	Open areas and in dried water bodies	Natural	INDIA. Karnataka, Badami, behind Cave temple. 11 Dec 2016. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-223 (SUK!)
552	<i>Synedrella nodiflora</i> (L.) Gaertn.	Throughout year	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Agastya Lake. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-548 (SUK!)
553	<i>Tagetes erecta</i> L.	June to September	Escaped and cultivated around villages	Natural/ cultivated	INDIA. Karnataka, Badami, behind Agastya Lake. 29 Jan 2017. <i>J. V. Dalavi & S.P. Bramhadande</i> . JVD-549 (SUK!)
554	<i>Tricholepis glaberrima</i> DC.	August to January	Wastelands and grasslands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-142 (SUK!)
555	<i>Tridax procumbens</i> (L.) L.	Throughout year	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 22 Dec 2015, <i>J. V. Dalavi & S.S. Kambale</i> JVD-151 (SUK!)
556	<i>Vernonia cinerea</i> Less.	August to April	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Cave temple. 19 Jul 2015, <i>J. V. Dalavi & S.S. Kambale</i> . JVD-72 (SUK!)

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TABLE 3. (Continued)

Sr. No	Botanical Name	Flowering and fruiting	Habitat	Vegetation type	Exsiccata
557	<i>Xanthium strumarium</i> L.	Throughout year	Open areas and wastelands	Natural	INDIA. Karnataka, Badami, behind Mahakuta temple. 29 Aug 2015, J. V. Dalavi & M. M. Lekhak. JVD-127 (SUK!)
Order: Apiales					
APIACEAE Lindl.					
558	<i>Coriandrum sativum</i> L.	September to January	Escaped from cultivated fields	Natural/ Cultivated	INDIA. Karnataka, Badami, behind Bhutnath temple. 11 Dec 2016. J. V. Dalavi & S.P. Bramhadande. JVD-550 (SUK!)

Data collection

A preliminary list of flowering plant species reported from Badami region was prepared from the available literature, (Gamble 1935, Katrahalli & Kambhar 2016, Matthew 1983, Prajapati 2010, Prasad & Singh 2002 and Sharma & Balakrishnan 1993), herbarium visits to SUK, MH, BSI, NGCPR and CALI followed by eight intensive and extensive field visits to the Badami hills for plant collection during field work from the 1 June 2010 to 3 July 2017. For all material collected, field notes on vegetation type, habitat, phenology, coordinates and occurrence of plant species were undertaken. Three or four duplicate specimens were collected and prepared as voucher specimens using standard herbarium techniques (Rao and Sharma 1990) and deposited at SUK (Shivaji University, Kolhapur, Maharashtra). Identifications were confirmed by consulting floras, taxonomic revisions and the available taxonomic literature (Cooke 1958, Sharma *et al.* 1984, Herbarium JCB, Matthew 1981, Gamble 1935, Sharma and Balakrishnan 1993, Katrahalli and Kambhar 2016, Prasad and Singh 2002). Problematic and notable species were identified by direct comparison with identified specimens deposited in BSI and CAL, and digital herbaria such as Herbarium JCB (accessed on 1st January 2017), Kew Herbarium Catalogue (accessed on 1st January 2017), JSTOR Global Plants (accessed on February, 2017), The nomenclature of plant species collected was updated using IPNI (The International Plant Name Index accessed on 1st January, 2017), Tropicos (tropicos.org accessed on 1st January, 2017), Plants of the world online (plantsoftheworldonline.org, accessed on 20th April, 2018) and The Plant List (www.theplantlist.org, accessed on 1st January, 2017). The Angiosperm Phylogeny Group IV system of classification (Chase 2016) is followed in present floristic data. (Table. 3). Photoplates are provided for some important taxa. (Figures 3–5)

Results

We document 558 species of angiosperms from Badami hills of Karnataka. Of these 423 species are eudicots belonging to 82 families, and 126 species are monocots, belonging to 17 families (Table - 3). Fabaceae Lindley (1836: 148), Poaceae Barnhart (1895: 7), Asteraceae Berchtold and Presl (1820: 254), Apocynaceae Jussieu (1789: 143), Cyperaceae Jussieu (1789: 26), Euphorbiaceae Jussieu (1789: 384), Malvaceae Jussieu (1789: 271), Acanthaceae Jussieu (1789: 102), Amaranthaceae Jussieu (1789: 87), Lamiaceae Martinov (1820: 355), Convolvulaceae Jussieu (1789: 132), Solanaceae Jussieu (1789: 124) and Rubiaceae Jussieu (1789: 196) are the dominant families by species number. (Fig. 2 A).

During this work 558 taxa were enumerated. Magnolids are represented by 5 taxa belonging to 3 families; monocots are represented by 126 taxa belonging to 17 families, eudicots 3 taxa from 2 families, super-rosids 3 taxa from single family, rosids 219 taxa from 34 families, super-asterids 40 from 13 families and asterids 162 from 29 families. Ninety-one percent of the species diversity is concentrated in the three clades, rosids, asterids and monocots.

Discussion

The Badami hills are dominated by dry deciduous forests, thorn forests, rocky crevices, seasonal streams, gravelly slopes, pockets of seasonal grasslands, marshy wetlands and sandy plains. The study area comes under a rain-shadow area and remains dry throughout the year. As a consequence the area shows high plant diversity with many species adapted to desert ecosystems. During this work we recorded 558 species belonging to 99 families within an area of 10 km². Of the 558 species documented, 395 are herbaceous, nearly equal to the diversity of the Western Ghats, where Lekhak and Yadav (2012) recorded 356 species from ten major plateaus, an area covering more than 10 habitats. In contrast the Badami hills possesses lower habitat diversity but are very rich in herbaceous taxa.

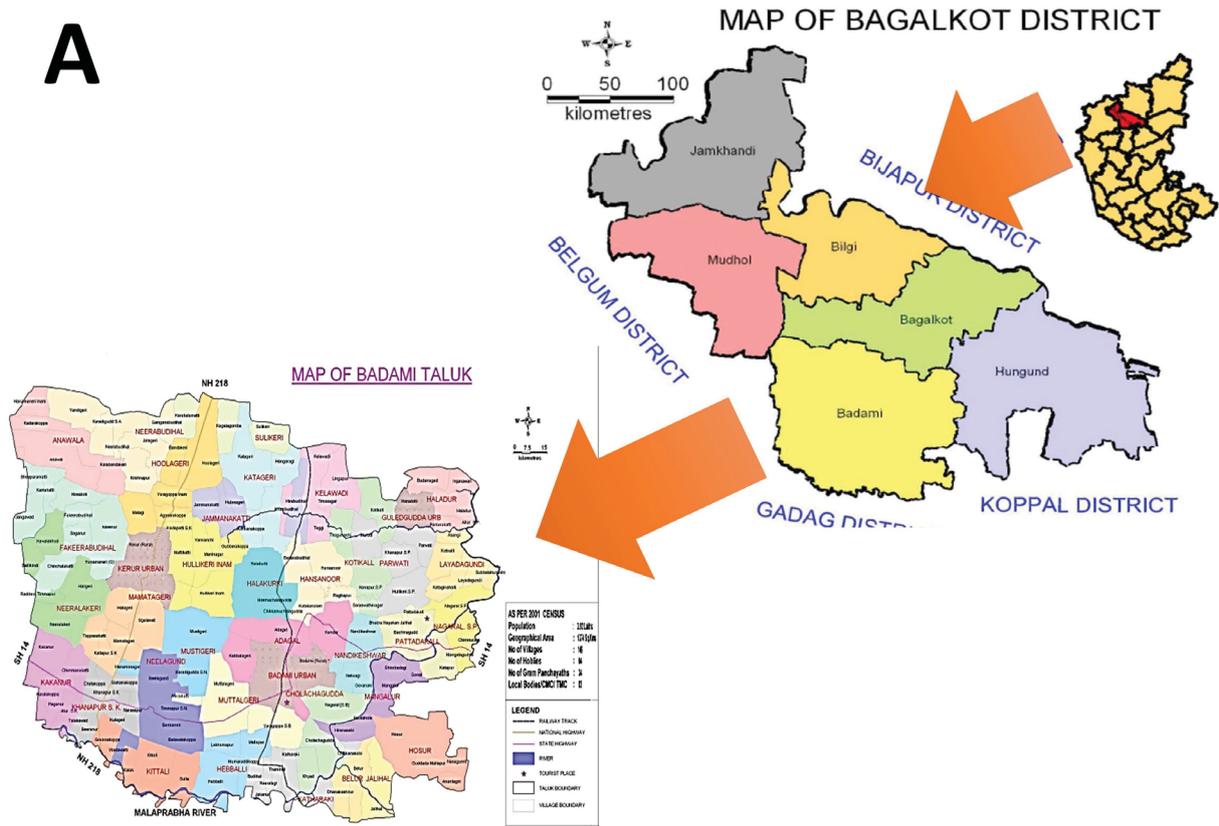
A

FIGURE 1. A. Position of Badami in Karnataka **B.** Satellite image of area under study

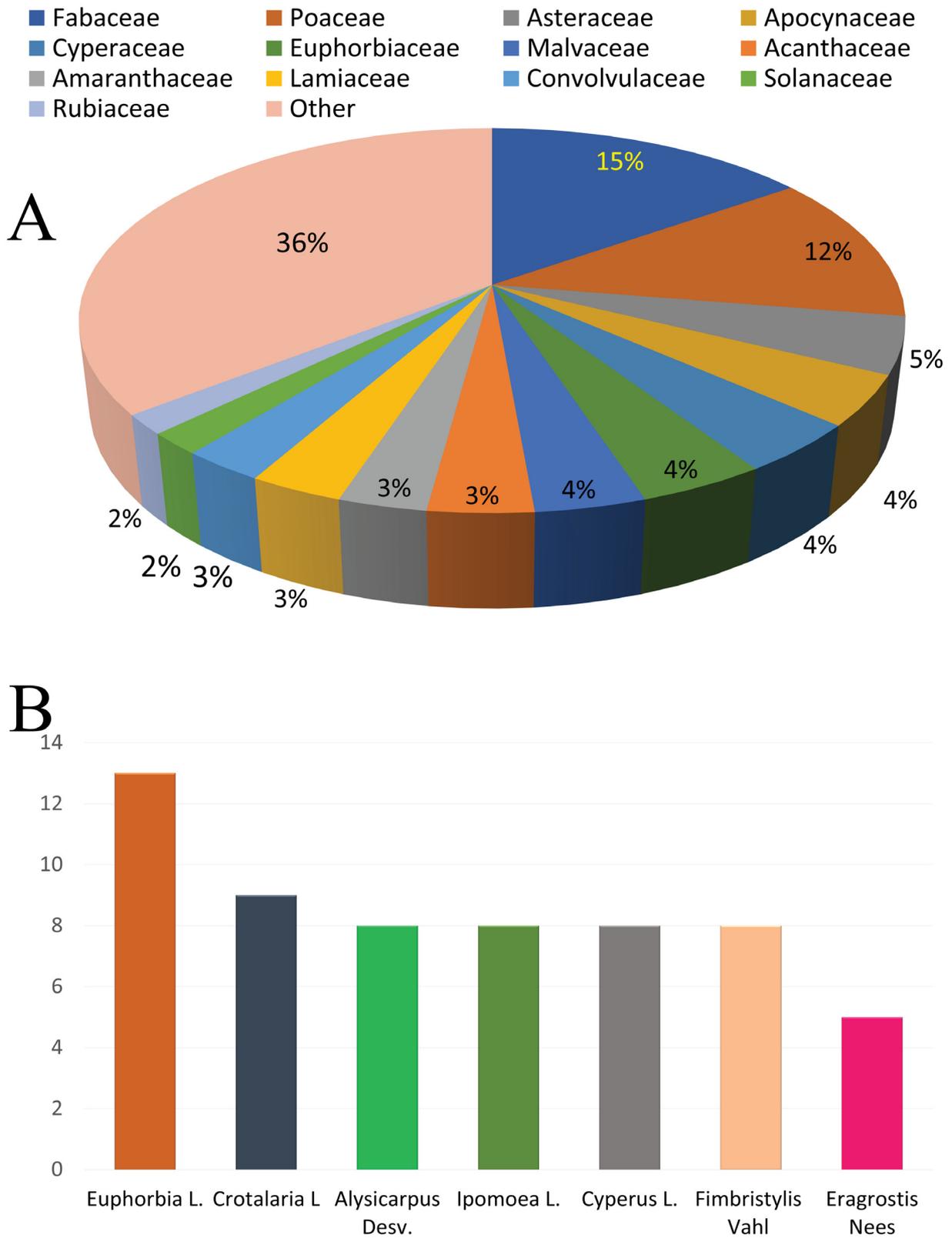


FIGURE 2. A. Statistical distribution of some dominant families in Badami forests **B.** Statistical distribution of some dominant genera in Badami forests.

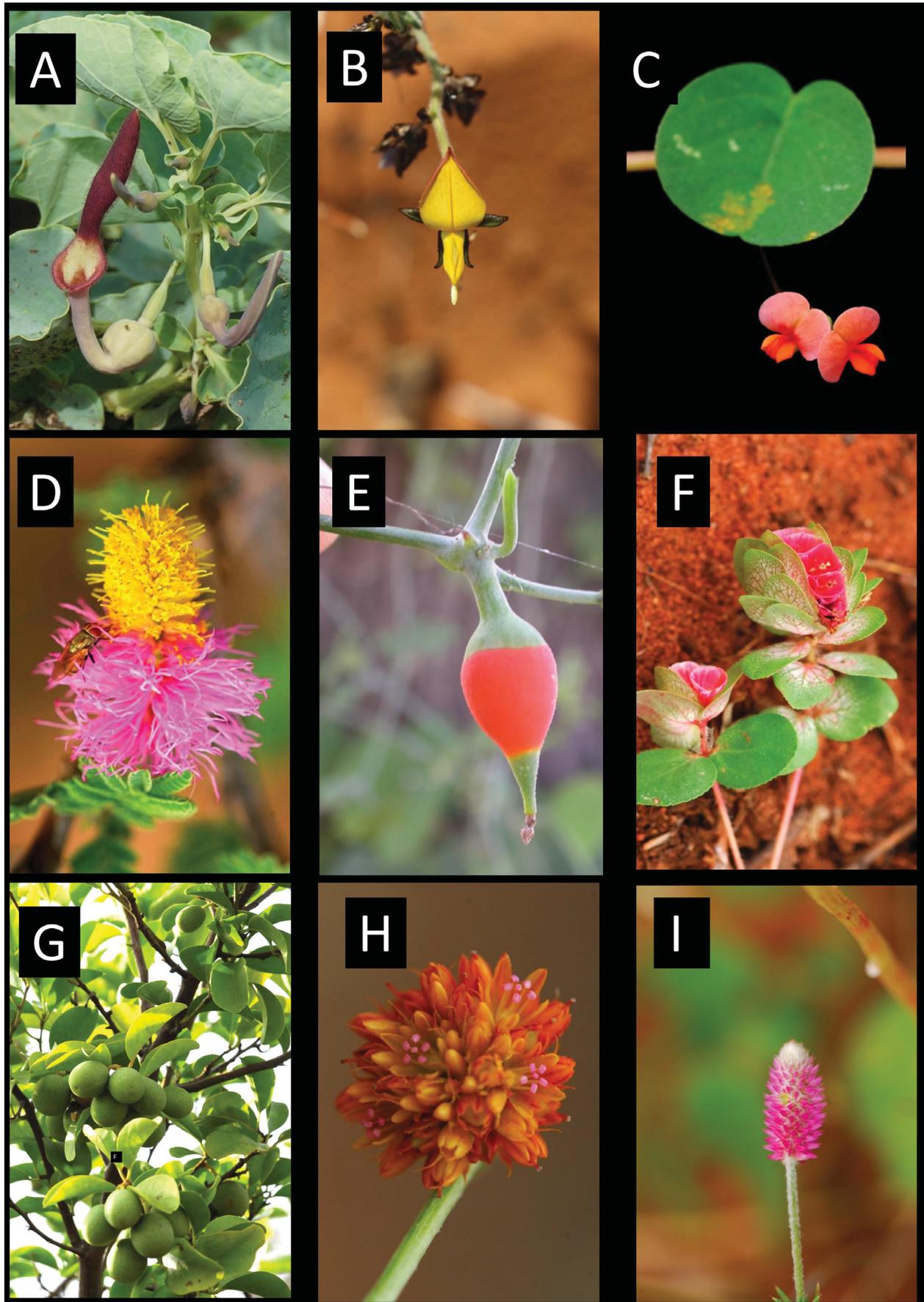


FIGURE 3. **A.** *Aristolochia bracteolata* Lam. **B.** *Crotalaria pellita* Bertero ex DC. **C.** *Eleiotis sororia* (L.) DC. **D.** *Dichrostachys cinerea* (L.) Wight & Arn. **E.** *Corallocarpus epigaeus* (Rottler) Hook.f. **F.** *Euphorbia elegans* Spreng., **G.** *Ximenia americana* L. **H.** *Allmania nodiflora* (L.) R. Br. ex Wight **I.** *Trichuriella monsoniae* (L.f.) Bennet

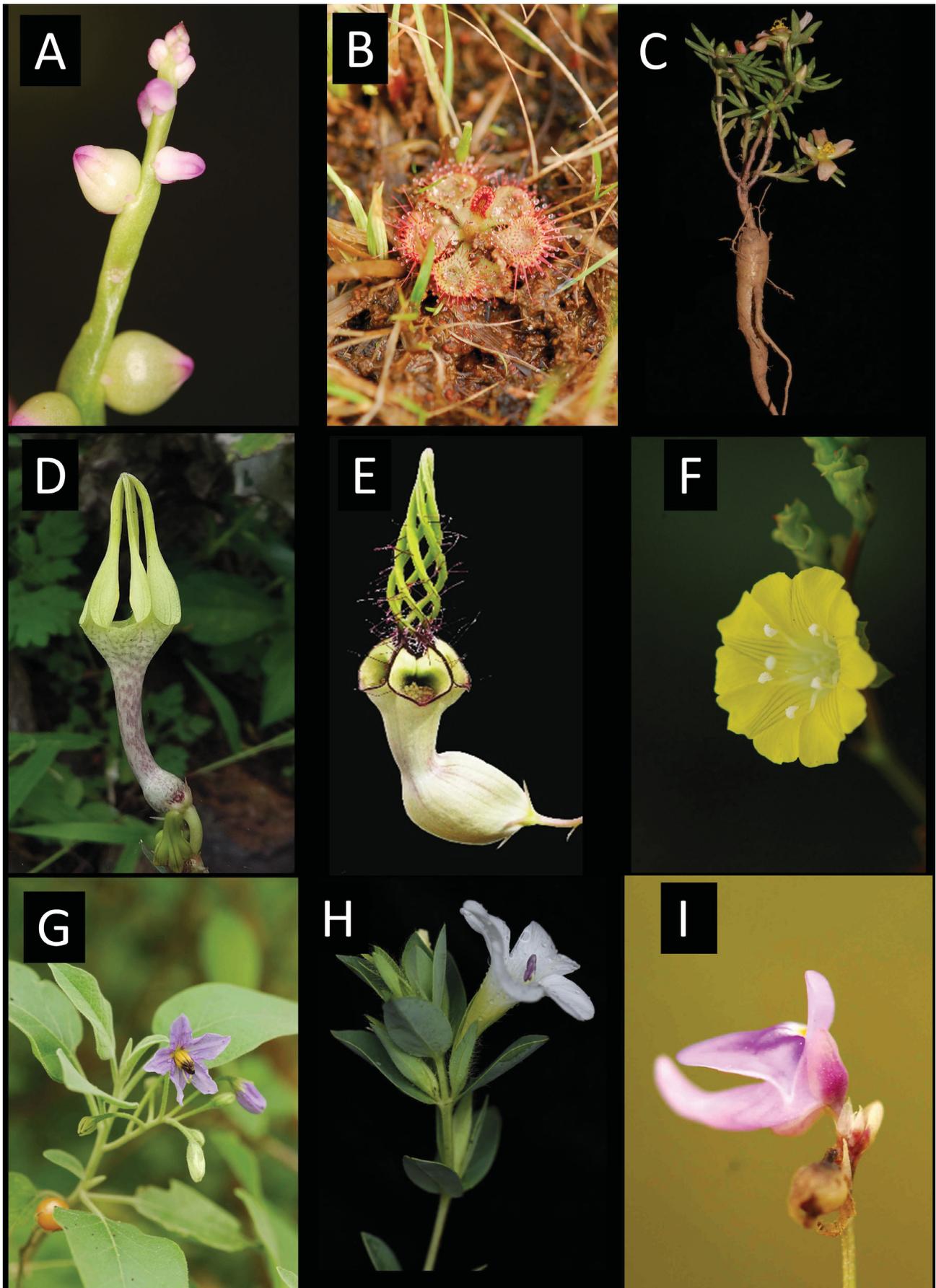


FIGURE 4. **A.** *Basella alba* L. **B.** *Drosera burmannii* Vahl **C.** *Portulaca tuberosa* Roxb. L. **D.** *Ceropegia juncea* Roxb. **E.** *Ceropegia spiralis* Wight **F.** *Merremia hederacea* (Burm.f.) Hallier f. **G.** *Solanum pubescens* Willd. **H.** *Barleria stocksii* T. Anderson **I.** *Utricularia caerulea* L.

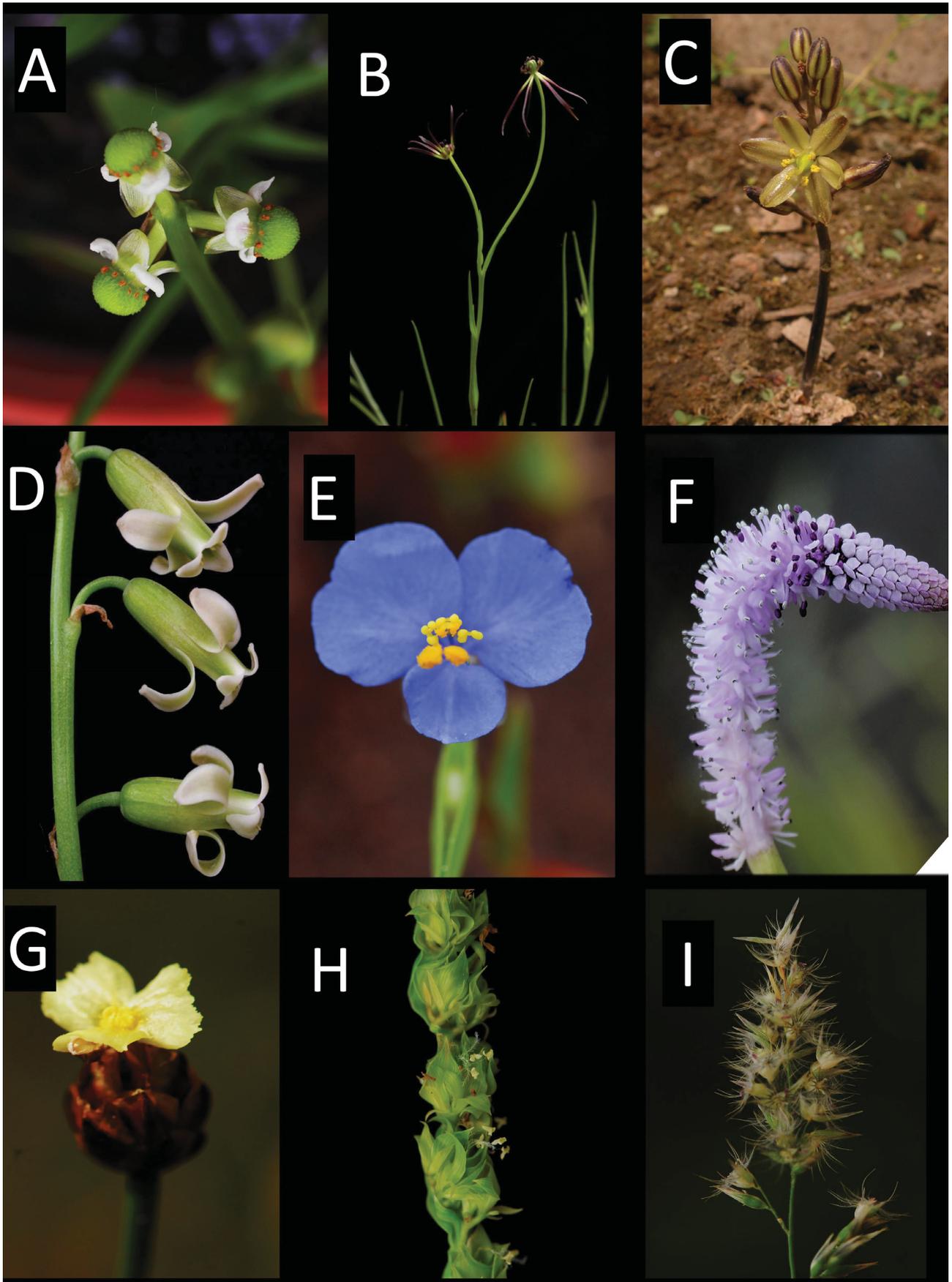


FIGURE 5. **A.** *Sagittaria sagittifolia* L. **B.** *Iphigenia mysorensis* Arekal & S. N. Ramaswamy **C.** *Drimia raogibikei* (Hemadri) Hemadri **D.** *Dipcadi montanum* (Dalzell) Baker **E.** *Commelina badamica* Nandikar & Gurav **F.** *Aponogeton natans* (L.) Engl. & K. Krause. **G.** *Xyris indica* L. **H.** *Trachys muricata* (L.) Pers. ex Trin. **I.** *Enneapogon persicus* Boiss.

The Badami hills possess a characteristic dry-adapted flora. Cultivated species such as *Eucalyptus globulus* Labillardiere (1800: 153), *Hibiscus rosa-sinensis* Linnaeus (1753: 694), *Brassica juncea* (L.) Czernajew (1859: 8), *Moringa oleifera* Lamarck (1785: 398), *Bougainvillea spectabilis* Willdenow (1799: 348), *Impatiens balsamina* Linnaeus (1753: 938:), *Catharanthus roseus* (L.) G. Don (1837: 95), *Ipomoea quamoclit* Linnaeus (1753: 159), *Capsicum annuum* Linnaeus (1753: 188), *Ocimum sanctum* Linnaeus (1767: 85), *Duranta erecta* Linnaeus (1753: 637), *Sesamum indicum* Linnaeus (1753: 634), *Tagetes erecta* Linnaeus (1753: 887), *Coriandrum sativum* Linnaeus (1753: 256), *Aloe vera* (L.) Burman (1768: 83), *Agave americana* Linnaeus (1753: 323) and *Cocos nucifera* Linnaeus (1753: 1188) were also documented. The plant diversity of the Badami hills has many species which represent potential sources of food, fodder, timber, fuel wood, dye, gum, fibres and medicines. Important medicinal species include *Holarrhena pubescens* Wallich ex Don (1837: 78), *Azadirachta indica* Jussieu (1837: 221), *Cassia fistula* Linnaeus (1753: 377), *Corallocarpus epigaeus* (Rottler.) Hooker (1879: 628), *Madhuca longifolia* (Koen.) MacBride (1918: 17), *Pterocarpus marsupium* Roxburg (1799: 166), *Syzygium cumini* (L.) Skeels (1912: 25), *Wrightia tinctoria* Brown (1810: 74), *Terminalia chebula* Retz (1789: 31), *Santalum album* Linnaeus (1753: 349) and *Simarouba glauca* De Candolle (1811: 424) used in Ayurvedic formulations and ethno-medicines are components of vegetation of Badami Hills. Species of *Acacia* Miller (1754: 25), *Ficus* Linnaeus (1753:1059), *Tamarindus* Linnaeus (1753: 34), *Dalbergia* Linnaeus (1782: 316) are important sources of wood. Scrub lands and thorn forest support goat farming. In summary, the forests of Badami needs to be conserved and used sustainably as it has the potential to support the socio-economic development of the region.

The flora of Badami shows greater similarity to that of the Eastern Ghats rather than the Western Ghats. As the region consists of extremely dry environment most of the plants are adapted to this region are succulent, deciduous, bushy with thorns. *Commelina badamica* Nandikar & Gurav (2015:513) found only in Badami and adjoining hills. *Eleiotis rottleri* Wight & Arn. (Fabaceae) is vulnerable according to IUCN red list and is found only in some sandy plains of Eastern Karnataka and is endemic to Southern Asia, Sri Lanka and Myanmar (Plants of the world online accessed on 20th April, 2018)). *Barleria stocksii* (Acanthaceae) is a rare and endemic species collected by Kambhar *et al* 2014 from Gadag district of Karnataka after its type collection. The earlier collection from Karnataka (Bababudan hills) was by Stocks (1867). Vijay Sankar *et al.* (2004) collected this species from Andhra Pradesh (East Godavari district) which shows affinities of Badami towards flora of Eastern Ghats. *Chloroxylon switenia* De Candolle (1824: 625) (Rutaceae Jussieu (1789: 296)) is vulnerable taxon and is reported from India, Madagascar and Sri Lanka (IUCN 2017). *Comiphora berryi* (Arn.) Engler (Burseraceae Kunth (1824: 346)) is found mostly in dry forests of Peninsular India including Andhra Pradesh, Tamil Nadu and Karnataka (Gowrishankar *et al.* 2004). Its presence in Badami also suggests an affinity of the study area to the Eastern Ghats. *Iphigenia mysorensis* Arekal & Ramaswamy (Colchicaceae De Candolle (1804: 56)) is a rare species recorded from Eastern plains of Karnataka that is endemic to South India (eMonocot.org). *Ceropegia spiralis* Wight (1848: 14) (Apocynaceae) is an endemic and vulnerable species distributed in Southern Peninsular India (Herbarium JCB). *Alysicarpus gamblei* Schindler (11: 1925) (Fabaceae) is endemic to India and reported from only six localities in southern peninsular India including Badami (Pokle, 2017). *Alysicarpus hamosus* Edgeworth (1853: 171) (Fabaceae) is endemic to Peninsular India (International Legume Database and Information Service 2010).

Threats to the Vegetation of Badami

Being of historical and cultural notoriety, Badami experiences tourism throughout the year, a phenomenon which exerts pressure on local resources. Hilly areas around temples are especially impacted under high anthropogenic pressure (Ramchurjee & Suresha, 2013). Grazing livestock is a secondary job for local people and they use the natural grasslands for fodder and as a consequence the floristically diverse grasslands of Badami suffer from over-grazing. The Badami hills also include many small natural ponds with a rich aquatic vegetation and these are being polluted by tourists (Ramchurjee & Suresha, 2013). Due to a lack of awareness amongst local people over exploitation of forest resources has resulted in habitat destruction and the loss of many important taxa, therefore, it is necessary to conserve the forests by social involvement. We suggest that the best way is through social involvement in the sustainable development of the region. We hope that our checklist will form the basis for forest officials, policy makers, teachers and students.

Acknowledgements

Authors are grateful to the Head of the Department of Botany, Shivaji University Kolhapur, for laboratory facilities; to Dr. M. Sanjappa for confirming the identity of some species, to Dr. Avinash R. Gholave for support with fieldwork and to the Ministry of Environment Forests and Climate Change (F. No. 28011/11/2015 RE (Tax)) and DBT-IPLS (Department of Biotechnology- Interdisciplinary program in Life Sciences) for financial support. SSK thank Dr. P.V. Rasal, Principal, arts, Commerce & Science College, Tryambakeshwar for laboratory facilities.

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