

Annexures

Annexure 1: Voucher specimens submitted to Arid and Semi-arid regional center,
Jodhpur, Rajasthan (BSJO).



भारत सरकार / Government of India

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय / Ministry of Environment Forests & Climate change

भारतीय वनस्पति सर्वेक्षण / Botanical Survey of India

शुष्क अंचल क्षेत्रीय केंद्र / Arid Zone Regional Centre

खेमे का कुआँ के पास, पाल-बासनी केनाल लिंक रोड / Near Kheme Ka Kuan, Pal-Basni Canal Link Road

सुभाष नगर-II, पी.ओ.- पाल / Subhash Nagar-II, P.O.- Pal

जोधपुर -342008(राजस्थान) / Jodhpur-342008 (Rajasthan)

No.: BSI/AZRC / I.12012/ Tech. / 2018-19- (Pl. Id.) / 525

Date: 19/02/2019

CERTIFICATE

This is to certify that **Mr. Ronak N. Kachhiyapatel**, Research Scholar, under the guidance of **Dr. Kishore S. Rajput** (Associate Prof.), Department of Botany, The M. S. University of Baroda, Vadodara, Gujarat, has submitted the following plant specimens to Herbarium **BSJO**, Jodhpur and accession no. has been allotted for the following Herbarium specimen nos.

DESCRIPTION OF SPECIMENS

Sr. No.	Taxon Name	Voucher Herbarium no. RNK & KSR/____ OR SMP, RNK & KSR ____	Accession no.
1	<i>Isoetes coromandeliana</i> L.f.	RNK & KSR -133, 354	40974, 40975
2	<i>Selaginella ciliaris</i> (Retz.) Spring	RNK & KSR - 35, 69	40976, 40970
3	<i>Selaginella delicatula</i> (Desv. ex Poir.) Alston	RNK & KSR - 37	40977
4	<i>Selaginella repanda</i> (Desv. ex Poir.) Spring	RNK & KSR - 4, 141	40979, 40978
5	<i>Equisetum ramosissimum</i> Desf.	RNK & KSR - 341	40980
6	<i>Ophioglossum costatum</i> R. Br.	RNK & KSR - 16, 21	40982, 40981
7	<i>Ophioglossum gramineum</i> Willd.	RNK & KSR - 24, 237	40984, 40983
8	<i>Ophioglossum gujaratense</i> SM Patil, RN Kachhiyapatel, R Patel & KS Rajput (ISOTYPE)	SMP, RNK & KSR - 215	40971
9	<i>Ophioglossum gujaratense</i> SM Patil, RN Kachhiyapatel, R Patel & KS Rajput (PARATYPE)	SMP, RNK & KSR - 234	40972
10	<i>Ophioglossum indicum</i> B. L. Yadav & H. K. Goswami	SMP, RNK & KSR - 277	40927

cont.

11	<i>Ophioglossum lusitanicum</i> L.	RNK & KSR - 27-A	40985
12	<i>Ophioglossum nudicaule</i> L. f.	RNK & KSR - 15	40928
13	<i>Ophioglossum parvifolium</i> Grev. & Hook	RNK & KSR - 30, 38	40930, 40929
14	<i>Ophioglossum reticulatum</i> L.	RNK & KSR - 29, 50	40932, 40931
15	<i>Ophioglossum thermale</i> Kom.	RNK & KSR - 27, 236	40926, 40925
16	<i>Lygodium flexuosum</i> (L.) Sw.	RNK & KSR - 90	40933
17	<i>Azolla pinnata</i> subsp. <i>Asiatica</i> R.M.K. Saunders & K. Fowler	RNK & KSR - 124	40973
18	<i>Salvinia molesta</i> D.S. Mitch.	RNK & KSR - 155	40934
19	<i>Marsilea minuta</i> L.	RNK & KSR - 118, 148	40936, 40935
20	<i>Ceratopteris thalictroides</i> (L.) Brongn.	RNK & KSR - 119, 120	40937, 40938
21	<i>Actiniopteris radiata</i> (Sw.) Link	RNK & KSR - 7, 47	40940, 40939
22	<i>Anogramma reichsteinii</i> Fraser-Jenk.	RNK & KSR - 193, 194	40942, 40941
23	<i>Pteris vittata</i> L.	RNK & KSR - 137	40943
24	<i>Adiantum capillus-veneris</i> L.	RNK & KSR - 127, 146	40944, 40945
25	<i>Adiantum incisum</i> Forssk.	RNK & KSR - 59	40946
26	<i>Adiantum philippense</i> L.	RNK & KSR - 58, 93	40947, 40948
27	<i>Aleuritopteris bicolor</i> (Roxb.) Fraser-Jenk.	RNK & KSR - 36, 139	40949, 40950
28	<i>Aleuritopteris formosana</i> (Hayata) Tagawa	RNK & KSR - 96	40951
29	<i>Cheilanthes tenuifolia</i> (Burm. f.) Sw.	RNK & KSR - 205	40952
30	<i>Athyrium falcatum</i> Bedd.	RNK & KSR - 99, 114	40954, 40953
31	<i>Athyrium hohenerianum</i> T. Moore	RNK & KSR - 115, 186	40956, 40955
32	<i>Athyrium micropterum</i> ex Fraser-Jenk.	RNK & KSR - 249	40957
33	<i>Athyrium parasnathense</i> Ching	RNK & KSR - 248, 265	40958, 40959
34	<i>Athyrium schimperi</i> Mougl. ex Fée	RNK & KSR - 81	40960
35	<i>Thelypteris dentata</i> (Forssk.) E.P. St. John	RNK & KSR - 126, 158	40962, 40961
36	<i>Thelypteris prolifera</i> (Retz.) C.F. Reed	RNK & KSR - 149, 156	40964, 40963
37	<i>Hypodematium crenatum</i> subsp. <i>crenatum</i>	RNK & KSR - 129	40967
38	<i>Tectaria coadunata</i> (J. Sm.) C. Chr.	RNK & KSR - 116	40968
39	<i>Lepisorus nudus</i> (Hook.) Ching	RNK & KSR - 98, 173	40966, 40965
40	<i>Microsorium membranaceum</i> (D. Don) Ching	RNK & KSR - 172	40969

Abbreviation: RNK = Ronak N Kachhiyapatel, KSR = Kishore S. Rajput and SMP = Sachin M. Patil

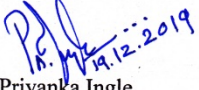
Saimanle Meena
(S.L. Meena)

Scientist "D" & Officer In-charge

Tel. & दूरभाष: 0291-2740415, 2747163, Fax No. : 91-291-2741736

E-mail ID: bsiazc@yahoo.com

**Annexure 2: Voucher specimens submitted to Western Regional Centre, Pune,
Maharashtra (BSI).**

	भारत सरकार / GOVERNMENT OF INDIA पर्यावरण, वन एवं जल वायु परिवर्तन मंत्रालय MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE CHANGE भारतीय वनस्पति सर्वेक्षण / BOTANICAL SURVEY OF INDIA पश्चिमी क्षेत्रीय केंद्र / WESTERN REGIONAL CENTRE ७ कोरेगाँव मार्ग, पुणे / 7- KOREGAON ROAD, PUNE- 411001 Tel.: 020- 26122125 / 26131592, Fax: 020- 26124139 e-mail: bsiwrcpune@gmail.com	
नं/No.BSI/WRC/2019/458 दिनांक/Date: 19/12/2019		
<u>Acknowledgement letter</u> Mr. Ronak N. Kachhiyapatel as part of his Ph.D. work on "Systematic and Molecular Studies on Diversity of Pteridophyte" submitted 120 Pteridophyte herbarium sheet collected from the Gujarat State for deposition in BSI, WRC, Pune.		
Yours faithfully,  Dr. Priyanka Ingle Scientist- 'C'		

Annexure 3: Voucher specimens submitted to The Blatter Herbarium, Mumbai, Maharashtra (BLAT).



DEPARTMENT OF BOTANY

Faculty of Science

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

VADODARA- 390 002, Gujarat, (INDIA)

Telephone: (0265) 2791891

E- mail: ks.rajput15@yahoo.com

Dr. K. S. Rajput, M. Sc., Ph. D., M.N.A.Sc.

December 17, 2019

To,

Dr. Rajendra Shinde
Herbarium Director,
The Blatter Herbarium,
Botany Department,
St. Xavier's College, Mumbai,
Mumbai – 400 001, Maharashtra

Sub: Submission of Herbarium Sheets

Dear Sir

With respect to the above subject, one of my student Mr. Ronak N. Kachhiyapatel working on Systematics and Molecular Studies on Diversity of Pteridophyte and Gymnosperm of Gujarat. During doctoral work he collected 40 species of pteridophytes and wish to submit herbarium sheets of each (in single, duplicate or triplicate copies) to the The Blatter Herbarium, Mumbai.

An Isotype of newly described species i.e. *Ophioglossum gujaratense* SM Patil, RN Kachhiyapatel, R Patel & KS Rajput from Gujarat is also included along with the original manuscript.

Kindly accept and acknowledge the accession number for the same.

Dr. Kishore S. Rajput
Department of Botany,
Faculty of Science,
The Maharaja Sayajirao University of Baroda,
Vadodara – 390 002, Gujarat, India



Thanking you
Sincerely yours

K. S. Rajput
(K. S. Rajput)

Received
19/12/19
Araveen V. Kale
Assistant Curator,
Blatter Herbarium,
St. Xavier's College,
Mumbai:- 400001.