

WELCOME



BOTANICAL SURVEY OF INDIA, AZRC

JODHPUR

BOTANICAL SURVEY OF INDIA, AZRC, JODHPUR



Established : 18th February, 1972

Shifted to New campus: 1992

Area : About 14 Acres

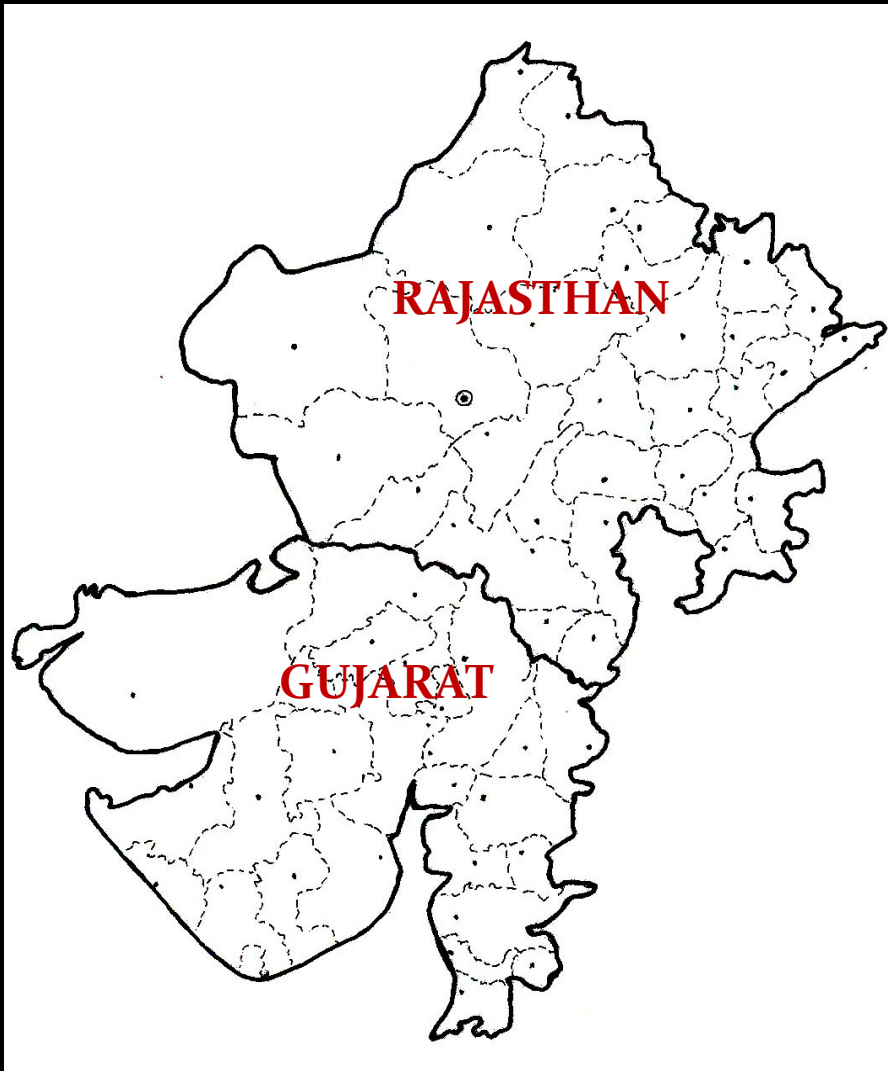
Office building : 3.5 Acres

Desert Botanic Garden : 4 Acres

Cacti & Succulent Garden : 2 Acres

Staff Quarters : 4.5 Acres

JURISDICTION & AREA



Rajasthan : 3,42,239 sq. km.

Gujarat : 1,96,024 sq. km.

Total Area : 5,38,263 sq. km.



STAFF STRENGTH

Name of post	Sanctioned strength	Present status	Vacant
Group "A"	4	4	-
Group "B" (Gazetted)	1	1	-
Group "B" (Non- Gazetted)			
Bot. Asstt.	3	2	1
Pre. Asstt. Gd. I	1	1	-
Pre. Asstt.	1	1	-
Fieldsmen	3	3	-
Mounter	2	2	-
Artist (Non- Gazetted)	1	-	1
Lib. & Inf. Asstt.	1	1	-
O.S.	2	1	1
Jr. Hindi. Translator	1	-	1

Name of post GROUP "C"	Sanctioned strength	Present status	Vacant
U.D.C.	1	-	1PR
L.D.C.	3	-	3DR
Steno.	1	-	1
D.C.M.	2	-	2
MTS (Peon)	3	3	-
MTS (Safaiwala)	2	1	1
MTS (Watchman)	1	-	1
TOTAL	33	15 +1(BGIR)	17

HERBARIUM



Total Accessioned Specimens : 35714

Type Specimens : 18

Families : 135

Genera : 735

Species : 1600



MUSEUM



Carpological Collections	:	146
Gum & Resin	:	12
Preserved exhibits	:	57
Ethnobotanical exhibits	:	58
Famine Foods exhibits	:	19
Total	:	292



LIBRARY

Books Accessioned : 4246

Journals (Back Volumes) : 2612

Presently Subscribed Journals

Indian : 10 Foreign : 22

Sale Counter

Books Received : 1656 Books Sold : 686

Books in Stock : 839 (Excluding sent to Hq., R.C.,
Acc. In library & to authors)

Rs. Deposited : 1,12,758/-

E- Granthalaya Entry

Infrastructure Entry

Users entry : 8

Authors entry : 456

Subject entry : 217

Publisher entry : 252

Vendors entry : 111

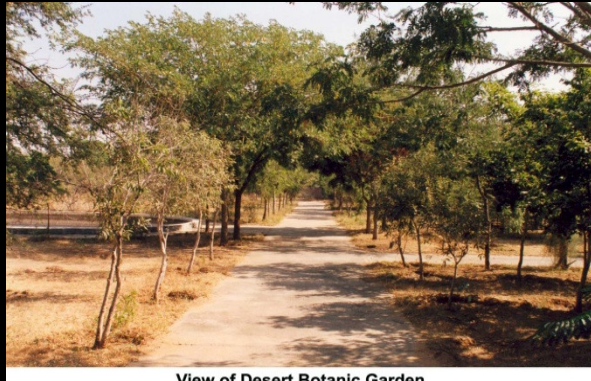
Books Entry : 1537

Journal/Periodical Entry : 33

Research Article Entry : 32



DESERT BOTANIC GARDEN : *EX-SITU* CONSERVATION



View of Desert Botanic Garden



Rare & Threatened : 6

Medicinal : 62

Economic : 56

Others : 65

Cacti & Succulents : 60

Total Species : 249



SURVEY STATUS

(i) RAJASTHAN



INDEX

- Explored
- Unexplored
- Under exploration

Districts Surveyed :

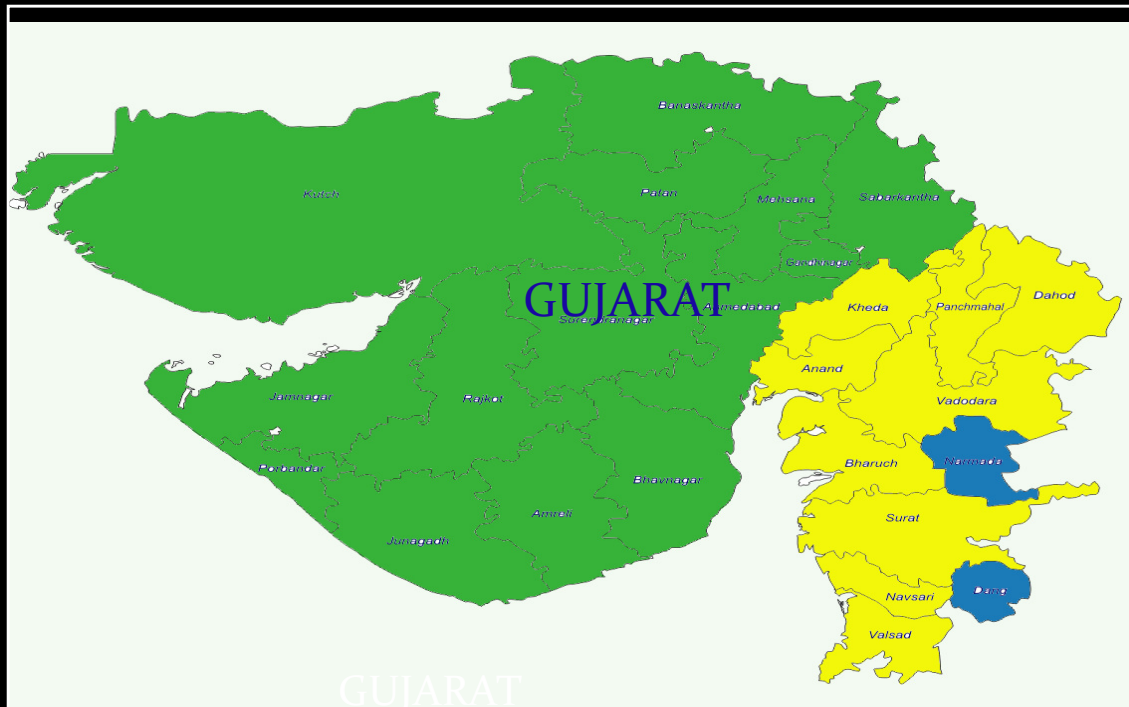
251 Tours : 29 Dts.

Ajmer, Alwar, Banswara, Baran, Barmer, Bharatpur, Bhilwara, Bikaner, Bundi, Chottorgarh, Churu, Dausa, Dungarpur, Jaipur, Jaisalmer, Jalore, Jhunjhunu, Jhalawar, Jodhpur, Karauli, Kota, Nagour, Pali, Rajsamand, Sawai Madhopur, Sikar, Sri Ganganagar, Tonk, Udaipur.

Districts Unexplored :




Dholpur
Pratapgarh
Sirohi

(ii) GUJARAT



GUJARAT

INDEX

	Explored
	Unexplored
	Under exploration

Districts Surveyed

Ahmedabad, Amreli,
Banaskantha, Bhavnagar,
Gandhinagar, Jamnagar,
Junagarh, Katchchh,
Mehsana, Patan,
Porbander, Rajkot,
Sabarkantha &
Surandranagar

Districts to be Surveyed

Anand, Bharuch, Dahod,
Khera, Navsari,
Panch Mahal

Surat, Tapi, Vadodara,
Valsad

SURVEY STATUS :PROTECTED AREAS

A. RAJASTHAN:

NP: 5

WLS:23

1. Phytodiversity of Ranthambhore tiger reserve Sawai Madhopur dist. (Published).
2. Phytodiversity of Desert National Park ,Jaisalmer-Barmer dist. (Published).
3. Floral diversity of Sariska tiger reserve Alwar dist. (Published)
4. Floral diversity Kumbhalgarh WLS. (Published)
4. Floral diversity of Machia Safari Park, Jodhpur dist. (Published).
6. Floral diversity of Darraha WLS, in Kota dist. (Un published)

SURVEY STATUS :PROTECTED AREAS

B.GUJARAT NP: 4

WLS: 20

1. Floral diversity of Balaram- Ambaji WLS, Banaskantha Dist.
2. Floral diversity of Jessore Sloth Bear WLS, Banaskantha Dist.
3. Phytodiversity of Naraysan Sarover WLS.
4. Phytodiversity of Little Runn of Katchchh.
5. Vellavadar Blackbuck National Park, Bhavnagar Dist.
6. Nalsarover Birds Sanctuary, Ahmedabad Dist.

FLORA OF INDIA : REVISIONARY STUDIES

19 families

Zygophyllaceae, Vitaceae, Boraginaceae,
Caesalpiniaceae (tribe: Cassiinae),
Callitrichaceae, Haloragaceae, Passifloraceae,
Convolvulaceae, Cactaceae,
Rhizophoraceae, Cuscutaceae,
Lamiaceae (6 - genera), Hammelidiaceae, Ebenaceae,
Trapaceae, Hydrophyllaceae, Musaceae &
Polemoniaceae.

Rhamnaceae - M.M. Bhandari & A. K. Bhansali

The genus *Ipomoea* L. revised by A. Johri

NEW TEXA DESCRIBED

8 - NEW TAXA

- *Chamaecrista nilgirica* (Singh) Singh
- *Digitaria pennata* var. *shettyana* Pandey, Parmar & Vyas.
- *Echinops rajasthanensis* Pandey & Singh
- *Leucas manipurensis* Singh
- *Senna davidsonii* (Singh) Singh
- *Senna septemtrionale* var. *pubescens* (Singh) Singh
- *Tamarix kutchensis* Shetty & Pandey
- *Tribulus subramanyamii* P. Singh & V. Singh, G.S. Giri

RARE COLLECTIONS

- **Species collected after 100 years :**

Pupalia lappacea var. *velutina*

- **After 40 years :** *Brachiaria kurzii*

- **After type** : *Merremia rajasthanensis*

PUBLICATIONS

(A) MONOGRAPHS

Monograph on Indian Subtribe Cassiinae (Caesalpiniaceae)

V. Singh



SCIENTIFIC PUBLISHERS (INDIA), JODHPUR

2001

Monograph on Indian Leucas R. Br. (Dronapushpi) Lamiaceae

V. Singh



SCIENTIFIC PUBLISHERS (INDIA), JODHPUR

2001

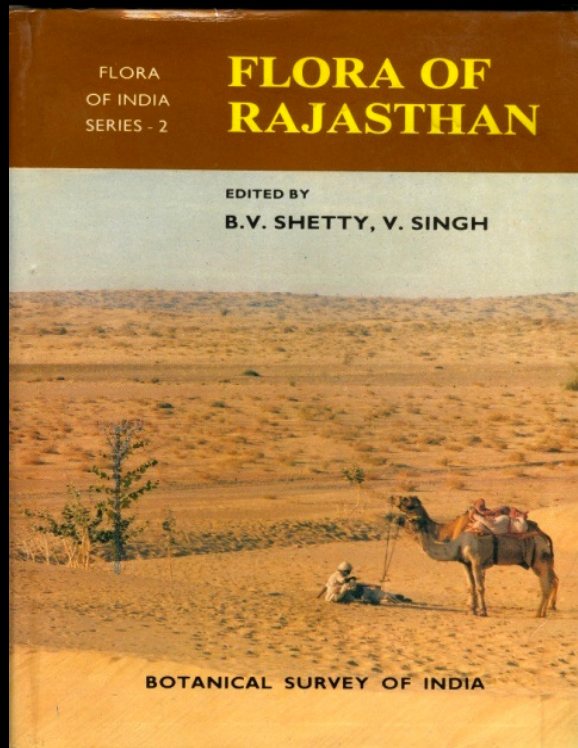
Monograph on Indian *Diospyros* L. (Persimmon, Ebony) Ebenaceae

V. SINGH

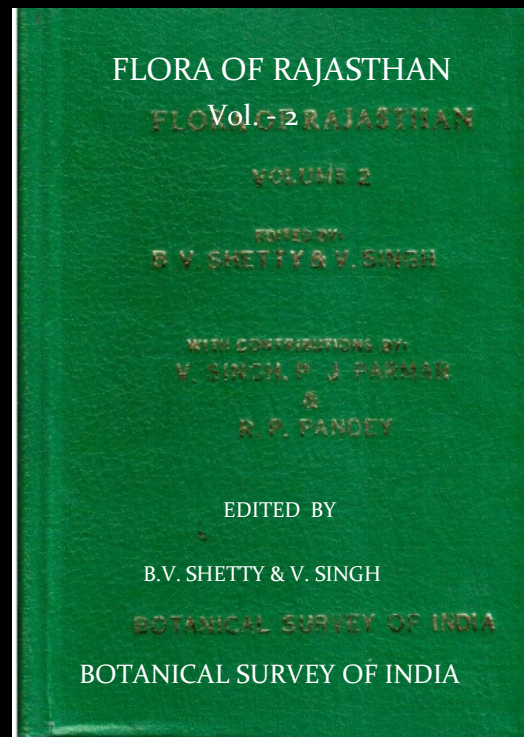


2005

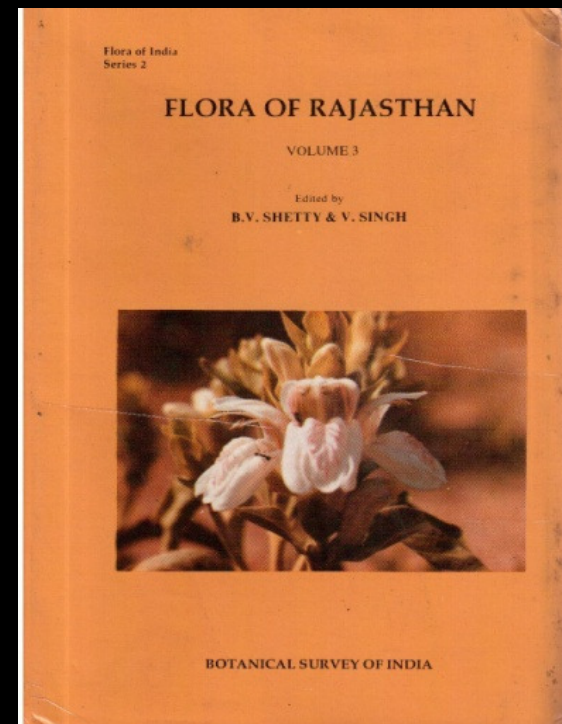
(B) STATE FLORA : RAJASTHAN



Vol. - I, 1987



Vol. - II, 1991

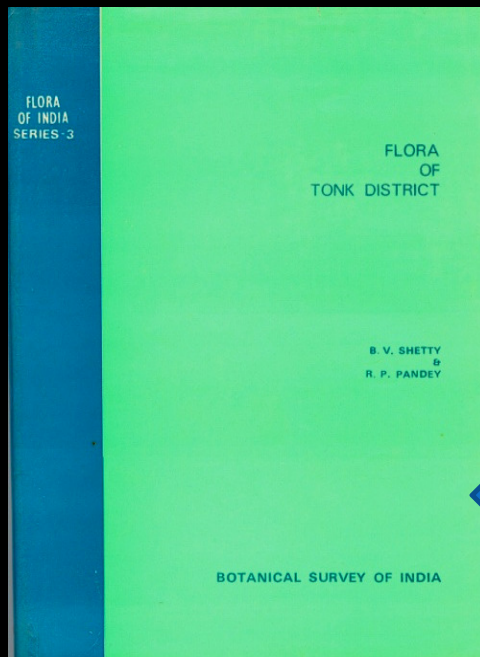
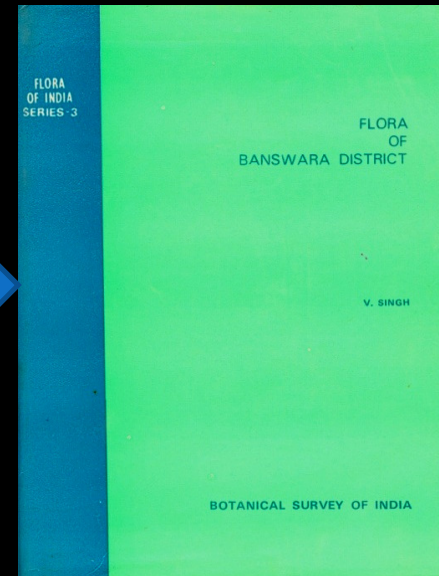


Vol. - III, 1993.

(C) DISTRICT FLORAS : RAJASTHAN

1. Flora of Banswara district, Rajasthan.

By : V. Singh, 1983.



2. Flora of Tonk district, Rajasthan.

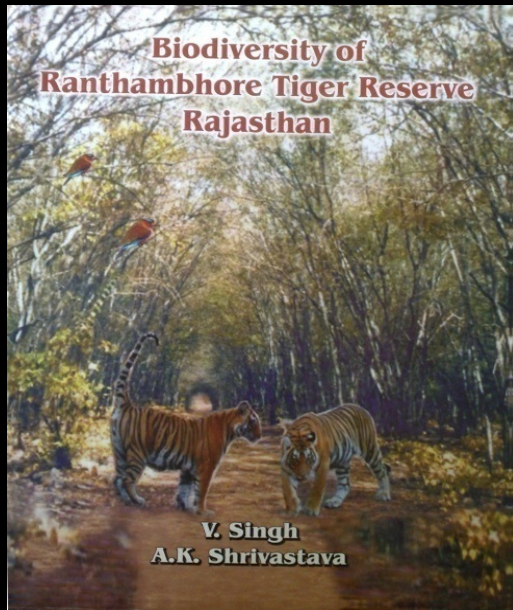
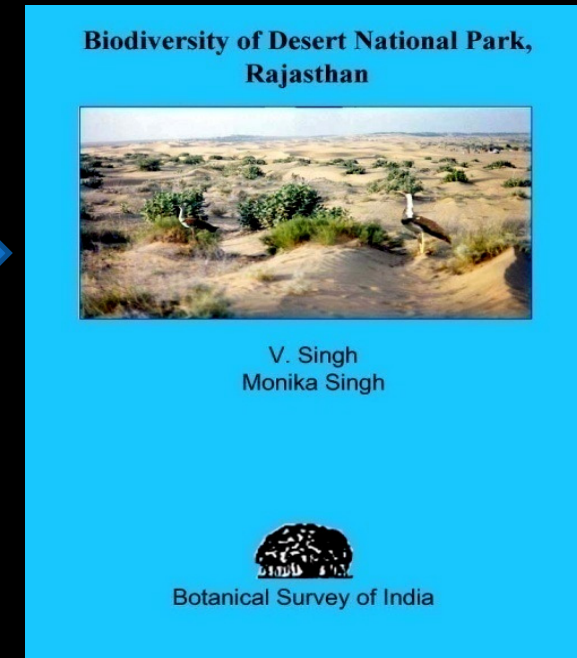
By : B.V. Shetty & R.P. Pandey, 1983.



(D) BIODIVERSITY OF PROTECTED AREAS

1. Biodiversity of Desert National Park, Rajasthan.

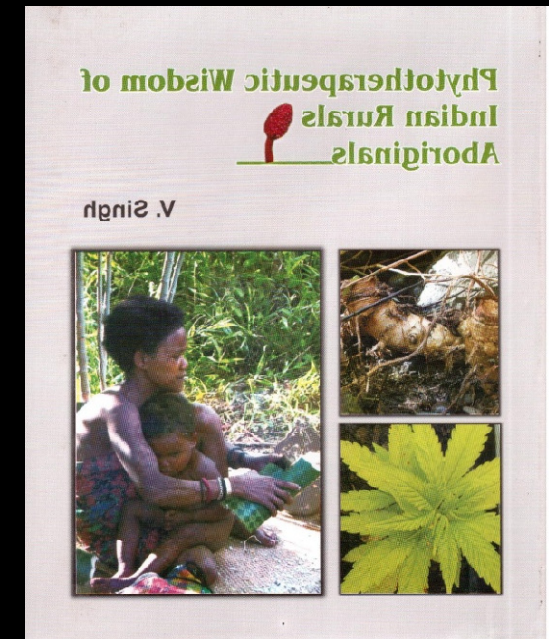
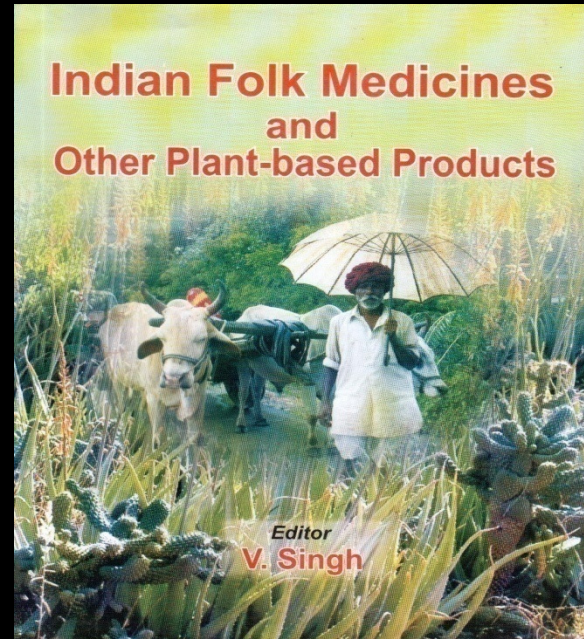
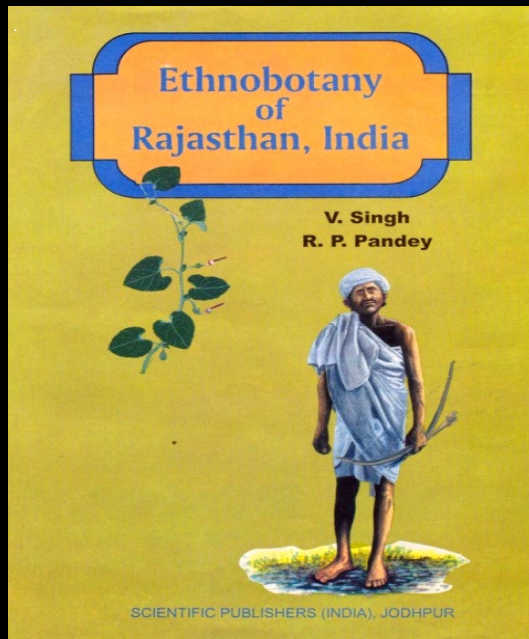
By: V. Singh & Monika Singh, 2006.



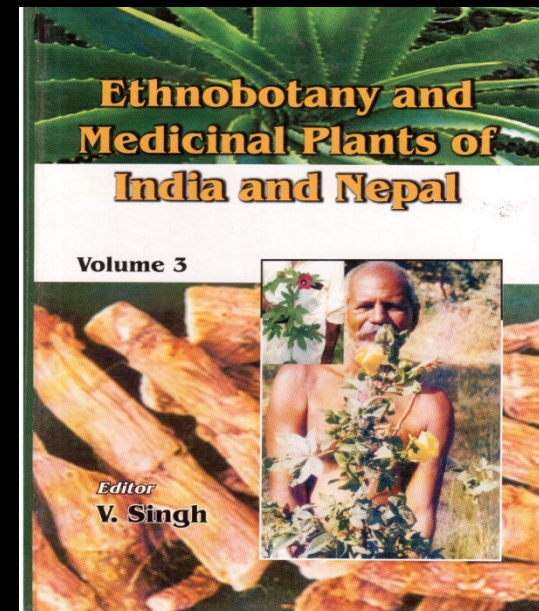
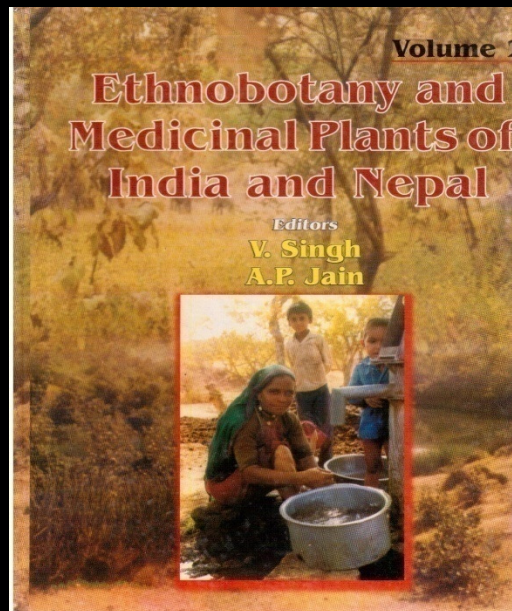
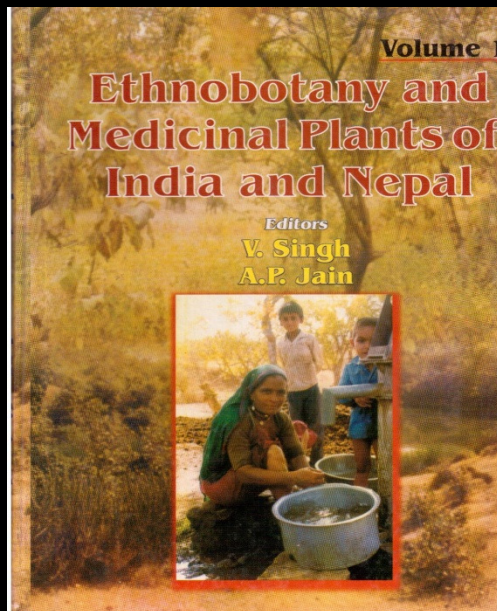
2. Biodiversity of Ranthambhore Tiger Reserve, Rajasthan.

By: V. Singh & Anshu Srivastava, 2007.

(E) ETHNOBOTANY & MEDICINAL PLANTS



(E-1) ETHNOBOTANY & MEDICINAL PLANTS



(A) WORKS READY FOR PUBLICATION

1. Flora of Gujarat Vol. I - Submitted (March, 2008)

V. Singh, P.J. Parmar, P.M. Padhye,
R.P. Pandey & S.L. Meena

2. Flora of Gujarat Vol. II – Submitted (March, 2010)

P.J. Parmar, P.M. Padhye, & S.L. Meena

3. Taxonomy of Indian Musaceae. Submitted (August, 2012)

V. Singh

4. Floral diversity of Darrah WLS in Kota district, Rajasthan.

Submitted (July, 2012)

R.P. Pandey & S.L. Meena

(B) WORKS SUBMITTED FOR PUBLICATION

5. Supplement to the Flora of Rajasthan. (July, 2012)

P.J. Parmar, R.P. Pandey, S.L. Meena & V. Singh

6. Phytodiversity of Hadla Lignite mine in Bikaner Dt.,
Rajasthan. (March, 2012)

P.M. Padhye & S.L. Meena

7. Flora of Rajasthan: Checklist. (July, 2012)

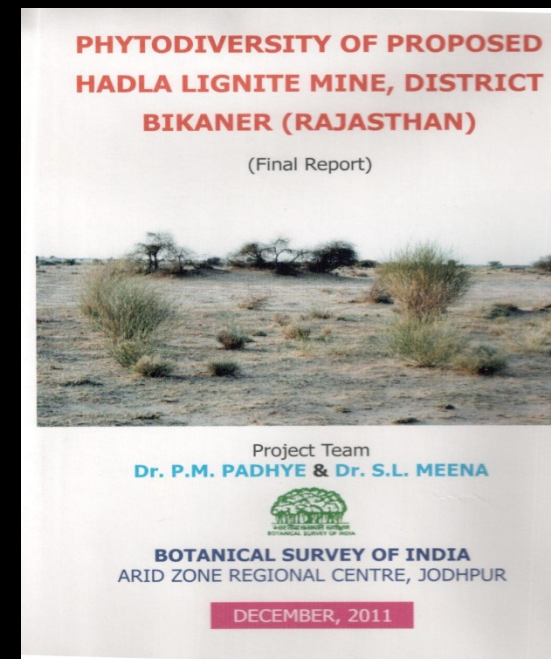
R.P. Pandey, S.L. Meena, V. Singh, P.J. Parmar &
P.M. Padhye,

8. Flora of Gujarat : Checklist. (Sept., 2012)

P.M. Padhye, S.L. Meena, R.P. Pandey, V. Singh, &
P.J. Parmar

EIA - STUDIES

- **Irrigation Project** : Som – Kamala; Gosunda (Raj.)
Sipu dam – Gujarat
- **Khetri Copper belt mines, Rajasthan.** V. Singh
- **Hydro – electric Project** :
- **Nohar – Anupgarh (Raj.)**
- **Thermal Power Project** :
Phytodiversity of Hadla Lignite
mine, in Bikaner Rajasthan
(Neyvelli Lignite Cop.)



Ph.D. Awarded : 5

Supervised By : B.V. Shetty

- P. Singh “Revisionary study of Indian Zygophyllaceae and Vitaceae” Ph.D. Thesis, J.N.V. University, Jodhpur, India (1984).

Supervised By :V. Singh

- R.P. Pandey “Floristic and Ethno-botanical studies of Pali district, Rajasthan”. Ph.D. Thesis, J.N.V. University, Jodhpur, India (1989).
- S.N. Das “Floristic and Ethnobotanical studies on Sawai Madhopur district, Rajasthan” Ph.D. Thesis, J.N. V. University, Jodhpur, India (1990).
- Monika Singh “Biodiversity of Desert National Park, Rajasthan”. Ph.D. Thesis, J.N. V. University, Jodhpur, India (2005).
- Anshu Srivastava “Biodiversity of Ranthambhore Tiger Reserve, Rajasthan” Ph.D. Thesis, J.N. V. University, Jodhpur, India (2006).

PRESENT ON GOING PROJECT

GUJARAT :

- Flora of Gujarat Vol. –III. P.M. Padhye, R.P. Pandey & S.L. Meena
- Phytodiversity of Ahmedabad & Gandhinagar Dt. S.L. Meena
- Floral diversity of Nalsarovar WLS. S.L. Meena
- Floral diversity of Bhavnagar Dt. S.L. Meena
- Floral diversity of Shoolpaneshwar WLS in Narmada Dt. S.L. Meena
- Flora of Patan Dt. M.K. Singhadiya
- Ethnobotany of Junagarh Dt. Vinod Maina
- Ethnobotany of Dang Dt. Vinod Maina

RAJASTHAN :

- Floral diversity of Jamwa Ramgarh WLS, Jaipur Dt. C.R. Jadav

FUTURE PLAN OF WORK

1. Exploration work of unexplored/ under explored districts of Gujarat & Rajasthan States under PLAN.
2. Completion of Flora Gujarat vol. 3.
3. Digitalization of Herbarium of BSJO.
4. Computerization of Library.
5. Construction of Guest House and Officer's quarters (Type: III, IV & V)
6. Air-conditioning of entire office building.



Thanks