

PROFILE OF SCIENTIST/RESEARCH WORKER

Name **Prof S P Khullar**

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Qualification **Ph.D. in Botany, from PANJAB UNIVERSITY, CHANDIGARH**

Area(s) of Specialization: **Taxonomy, Cytology, Morphology, Floristics**

Occupation/Designation: **Professor, Botany Department, Panjab University,
Chandigarh**

Major Activities: **Preparing: (i) Pteridophyte Flora of Himachal Pradesh
(ii) An Account of the Pteridophyta**

Awards/Recognitions:

RECOGNITIONS:

FOUR FERN SPECIES HAVE BEEN NAMED After PROF. KHULLAR:

- (i) *Dryopteris khullarii* by C.R.Fraser-Jenkins
- (ii) *Asplenium khullarii* by Rasbach & Reichstein ex Fraser-Jenkins
- (iii) *Lepisorous khullarii* by Shing & Pande
- (iv) *Pteris x khullarii* Pangtey, Samant & Verma

1. Elected Councilor: International Association of Pteridologists

In 2011 for six years.

2. Elected Fellow of:

- (i) The National Academy of Sciences, India (Allahabad) **F.N.A.Sc.**
- (ii) The Indian Botanical Society—**F.B.S.**
- (iii) The Indian Fern Society—**F.I.F.S.**

3. The Indian Fern Society gave ‘THE LIFE TIME ACHEIVEMENT AWARD’ for the year 2010 for Prof Khullar’s researches on Pteridophytes.

AWARDS:

Recipient of:

- (i) **The First “S.S.Bir Gold Medal in Pteridology, 1989**
- (ii) **The “Birbal Sahni Centenary Award”2002**(by the Birbal Savtri Sahni Foundation, Lucknow.
- (iii) **Elected Sectional Committee Member** of the Section of Botany, Indian Science Congress 1998-99; and 2002-2003.
- (iv) **Elected Member of the Executive of the Indian Botanical Society-** 1999- 2002
- (v) **Elected to present the “ G. Panigrahi Comm. Lecture”** at the 23 Annual Conference of the Indian Botanical Society 2000, Meerut.
- (vi) **Elected President Indian Fern Society**
- (vii) **Elected Recorder Indian Science Congress Section PLANT**

SCIENCES

For the years 2004- 2005; 2005-2006

- (viii) **On the Editorial Board** of several Journals among these are:
 - (a) Journal of the Indian Botanical Society
 - (b) Journal Phytological Sciences.

- (c) Indian Journal Of Applied Biology.
- (d) Eco-Research Journal of Bio-Sciences

EDITOR:

- (i) Indian Fern Journal (For Two Years)
- (ii) Journal Indian Botanical Society (Section II Cryptogams)

Brief Summary of Pteridological Research:

NEW FERN TAXA DESCRIBED BY PROF. KHULLAR

Fourteen New Fern taxa have been described by Prof. Khullar:

- (i) *Onychium fragile* Verma & Khullar
- (ii) *Cheilanthes brevifrons* Khullar
- (iii) *Lepisorus tenuipes* Khullar
- (iv) *Lepisorus birii* Khullar & Ching
- (v) *Lepisorus intermedius* Khullar & Ching
- (vi) *Polystichum mehrae* Fras.-Jenk. & Khullar
- (vii) *Elaphoglossum pangteyii* Khullar, Samant & Verma
- (viii) *Deparia x ghangaria* Khullar & Sharma
- (ix) *Hypodematium crenatum* subsp. *loyalii* Fras.Jenk & Khullar
- (x) *Aleuritopteris x vermae* Fras.Jenk & Khullar
- (xi) *Aleuritopteris unicolor* Fras.Jenk.& Khullar
- (xii) *Aleuritopteris fraser-jenkinsii* (N Thapa) Fras.-Jenk. & Khullar
- (xiii) *Asplenium x garhwalense* Reichst. ex Fras.-Jenk. & Khullar
nothosubsp. *garhwalense*
- (xiv) *Asplenium x garhwalense* Reichst. ex Fras.-Jenk. & Khullar
nothosubsp. *kumaonicum* Fras.-Jenk. & Khullar

PUBLICATIONS:

Books:

- (i) An Illustrated Fern Flora of the West Himalaya - in 2 Volumes; 1996; 2000
- (ii) The Ferns of Nainital-1991
- (iii) Pteridology in India-1987
- (iv) Himalayan Botanical Researches-An Edited Book
- (v) Pteridophytes of Uttranchal {in press}

- In prep:**
- (i) An Account of the Pteridophytes.
 - (ii) The Pteridophyte Flora of Himachal Pradesh.

Papers:

Published over 100 Research papers in National and International Journals

Prof. Khullar has been working on the taxonomy, cytology, floristics and morphology of ferns for over three decades. He has made extensive collections of ferns from various regions of India, and is thoroughly conversant with the taxonomy of Indian ferns of. He has been able to re-collect several very rare ferns like: *Asplenium nesii* Christ, *A. capillipes* Makino, *Drynaria tibetica* Ching & Wu, etc. He has also described 15 new taxa of ferns. Prof Khullar has made significant contributions towards correcting the nomenclature of several Himalayan ferns (See also his '**Illustrated Fern Flora of The West Himalaya' Vols I & II**). For his upcoming *Pteridophyte Flora of Himachal Pradesh*, the area has been extensively explored and several new records of ferns have been made. Most of his publications have been widely quoted and referred.

Prof. Khullar has been invited to attend several symposia/seminars in India and abroad.

Prof. Khullar's work has been highly appreciated by leading Pteridologists. Prof. Khullar was unanimously elected to deliver the "Panigrahi Commemoration Lecture" at the 23rd Annual Conference of the Indian Botanical Society at Meerut (14-16 Oct. 2000) by the executive council of the Indian Botanical Society at its meeting held in Mumbai. The Indian Fern Society in 2010 gave the LIFE TIME ACHIEVEMENT AWARD to Prof Khullar

At present Prof S P Khullar is the Secretary-Treasurer, of the Indian Fern Society which was founded in 1984. He is also the co-editor of THE INDIAN FERN JOURNAL which is published annually and is now in its 29th Volume.