

BIODATA

Name: DR. ABDUL NASIR KHALID

Father's Name: Haji Hadayat Ullah

Date of Birth: January 1, 1965

Qualifications & Research Activities: M.Sc. (Botany)
1st Class

Ph.D. (Botany)

Awarded Merit Scholarship in B.Sc.

Technical Qualifications: Certificate Course of Computer, in Word Processing and Database Management, from Punjab University.

Date of Appointment in the University: July 1, 1989

Present Position: Working as Assistant Professor, Department of Botany, University of the Punjab, Lahore.

Worked as Herbarium Curator-cum-Lecturer in BPS-17, Department of Botany, University of the Punjab, Lahore.

Administrative experience: Worked as Assistant Superintendent in Hostel # 9, Punjab University, Lahore.

Supervising management and multiplication of indoor/outdoor plants of commercial importance for Commercial Plant Nursery Project of the Punjab University.

Developments made in the Herbarium:

1. Enlisting of the Herbarium Specimens.
2. Cataloguing and taxonomic arrangements of the Herbarium specimens.

3. Addition of floras of the regions: Salt Range, Northern Areas (Gilgit, Astore, Deosai, Khunjrab and Murre Hills).
 4. Macrofungi from Murree Hills.
- Teaching Experience:
1. Teaching B.Sc. (Hons.) Botany
 2. Teaching M.Sc. (Pass Course) Botany
 3. Teaching M.Sc. (Hons.) Botany
 4. Supervising Ph.D. and M.Sc. students in their research work at Botany Department
 5. Teaching B.Sc. (Hons.) in Mycology & Plant Pathology
- Memberships:
1. Pakistan Biological Society
 2. Pakistan Botanical Society
 3. Pakistan Mycological Society
 4. Afforestation and Tree Plantation Committee.
- Participation/paper presentation: in Science Conferences:
1. First All Pakistan Science Conference, held at Khanspur, in April 1992, organized by the Science International, Lahore.
 2. Science Conference of Plant Scientists, held at Ayub Agriculture Research Institute, Faisalabad, in February, 1993.
 3. Second All Pakistan Science Conference, held at Aitchison College, Lahore, from 20 to 30 December 1993, organized by the Science International, Lahore.
 4. Fourth All Pakistan Science Conference, held at Rawlakot, AJ&K, from 16th to 19th November, 1996.
- Botanical Trips (areas explored for botanical purposes):
- The following field trips were made for plant collection to different areas of Pakistan:
1. Salt Range of Pakistan: Kallar Kahar, Saiden Shah, Khewra, Sakesar PAF Base.
 2. Murree Hills: Dungagali, Nathiagali, Kuzagali, Kheragali, Chhanglagali,

- Baragali, Abbottabad, Miranjani,
Thandiani.
3. Shogran, Sharan, Kaghan, Balakot,
Batakundi, Lalazar etc.
 4. Northern Areas: Gilgit, Nalter, Deosai
plains, Skardu, Astore, Rama, Khunjrab
etc.
 5. Azad Jammu & Kashmir: Neelum
Valley, Jhelum Valley, Chakar, Sudan
Gali, Atth Maqam, Muzaffarabad.
 6. Bajaur Agency and Dir.

List of Publications:

Attached.

LIST OF PUBLICATIONS
OF
DR. ABDUL NASIR KHALID

1. KHALID, A.N., FIRDAUS-E-BAREEN & IQBAL, S.H. (1990). Mycorrhizae of the Liliflorae. VI. Vertical distribution of VAM colonization in roots and endogonaceous spore numbers in the rhizosphere of some ornamental lilies. **Sci. Int. (Lahore)**, 2(2): 151-153.
2. IQBAL, S.H., ZAHOOR, R., NASIM, G. & KHALID, A.N. (1990). Occurrence of vesicular-arbuscular mycorrhizal association in Chillies infected with root born pathogen. **Sci. Int. (Lahore)**, 2(3): 233-238.
3. IQBAL, S.H., SHAHBAZ RANA, KHALID, A.N. & KHAN, M. (1990). The influence of vesicular arbuscular mycorrhiza (VAM) and *Aspergillus niger* as deterrents against *Rhizoctonia solani* in Potatoes. **Sarhad J. Agric.**, 6(5): 481-484.
4. KHALID, A.N., 1990. Mycorrhizal synthesis with rooted cuttings of *Valeriana wallichii* and *Viola canescens*. M.Sc. Thesis, Punjab University, Lahore.
5. IQBAL, S.H., KHALID, A.N. & NASIM, G. (1991). Influence of burning on VA endophytes. I. Effect on VA endophytes and other soil mycoflora of a wheat field. **Sci. Int. (Lahore)**, 3(1): 89-92.
6. KHALID, A. N., SHAHID, S. & NASIM, G. (1991). Influence of burning on VA mycorrhiza. II. Effect of burning on mycorrhizal status of weeds in the subsequent crop. **Sci. Int. (Lahore)**, 3(1): 85-88.
7. KHALID, A.N. & IQBAL, S.H. (1991). Material from the Punjab University Herbarium. I. VA mycorrhizae of some lycophods. **Pakphyton**, 3: 65-71.
8. KHALID, A.N., NASIM, G. & NASIR, B.A. (1991). Fate of VA mycorrhizal structures in the Herbarium specimens. **Sci. Int. (Lahore)**, 3(3): 247-248.
9. IQBAL, S.H., AKHTAR, S. & KHALID, A.N. (1991). Influence of transplantation from mountains to plains on mycorrhizal status of some medicinal plants. **Sci. Int. (Lahore)**, 3(4): 327-330.

10. KHALID, A.N. & IQBAL, S.H. (1991). Influence of altitude on VA mycorrhizal status of some species of *Artemesia*. **Pakistan J. Agri. Res.** **1**(1): 32-38.
11. IQBAL, S.H. & KHALID, A.N. (1991). Trapping of VAM spores in foam. Mycorrhiza (in press).
12. KHALID, A.N. & IQBAL, S.H. (1992). Occurrence of VA mycorrhiza in some parasitic vascular plants. **Sci. Int. (Lahore)**, **4**(1): 111-113.
13. KHALID, A.N. & IQBAL, S.H. (1992). VA Mycorrhizal infections in some threatened fern species in Pakistan. **Sci. Int. (Lahore)**.
14. KHALID, A.N. (1992). Some operculate Discomycetes (Pezizales) from Murree Hills. **Sci. Int. (Lahore)**, **4**(1): 115-123.
15. KHALID, A.N., IQBAL, S.H. AND AHMAD, F. (1993). Rust flora of Pakistan. I. Uredinales collected in Salt Range, Pakistan. **Sci. Int. (Lahore)**, **5**(2): 211-214.
16. KHALID, A.N., IQBAL, S.H. AND PERVEEN, B. (1993). Rust flora of Pakistan. II. Genus *Phragmedium* Link on *Rubus* spp. **Pakphyton**, **5**: 133-136.
17. KHALID, A.N. AND IQBAL, S.H. (1993). Morphological malformations caused by the rust fungi. **Sci. Int. (Lahore)**, **5**(2): 215-217.
18. NAVID, A., IQBAL, S.H. AND KHALID, A.N. (1993). Ectomycorrhizal synthesis with some isolates from woody tree roots. I. Synthesis of Ectomycorrhizae on rooted cuttings of *Salix babylonica* and *Populus nigra*. **Sci. Int. (Lahore)**, **5**(3): 295-298.
19. NAVID, A., IQBAL, S.H. AND KHALID, A.N. (1993). Ectomycorrhizal synthesis with some isolates from woody tree roots. II. Influence of isolates on growth of rooted cuttings of *Salix babylonica* and *Populus nigra*. **Sci. Int. (Lahore)**, **5**(4): 397-400.
20. KHALID, A.N. & IQBAL, S.H. (1991). Survival of VA mycorrhiza in Herbarium specimens. 1st International Symposium on Contemporary Biology, Abstract.
21. KHALID, A.N. (1991). Mycotrophy in primitive land plants. National Symposium on Status of Plant Pathology in Pakistan, Abstract.
22. KHALID, A.N. (1992). Influence of rust caused by *Puccinia helianthii* on VA mycorrhizal status of sunflower (*Helianthus annuus*). All Pakistan Science Conference held in April 19-21, 1992, Abstract.

23. KHALID, A.N. & IQBAL, S.H. (1994). *Amanita muscaria* (L. ex. Fr.) Hook - a new ectomycorrhizal mycobiont from pines of Pakistan. 3rd All Pakistan Science Conference, Baragali, 11-15 September, 1994.
24. MASOOD, K.R., KHALID, A.N., QURESHI, K.A. AND HUSSAIN, Z. (1995). Further investigations on the fossil fungi (VAM) from the permian of Salt Range, Pakistan. **Pakistan Journal of Geology**, **3**(2): 7-10.
25. Khalid, A.N. and Iqbal, S.H. (1995). Addition to the agaric flora of Pakistan. Some species of *Russula* Pers. ex S.G. Gray associated with dominant tree species of Himalayan temperate forest. **Pak. J. Pl. Sci.**, **1**(2): 229-237.
26. MASOOD, A., KHALID, A.N. AND IQBAL, S.H. (1995). New records of Graminicolous rust fungi (Uredinales) from Pakistan. **Sci. Int. (Lahore)**, **7**(3): 415-416.
27. KHALID, A.N., IQBAL, S.H. AND MASOOD, A. (1995). New Records of Uredinales from Pakistan. **Sci. Int. (Lahore)**, **7**(4): 531-532.
28. KHALID, A.N. AND IQBAL, S.H. (1995). *Aecidium gjaerumii* sp. nov. on *Phagnalon neviium* Edgw from Pakistan. **Acta Sci.**, **5**(1): 13-16.
29. KHALID, A.N. AND IQBAL, S.H. (1996). New Rust Fungi from Pakistan. **Canadian Journal of Botany**, **74**: 506-508.
30. KHALID, A.N. AND IQBAL, S.H. (1996). Mycotrophy in a vascular stem parasite, *Cuscuta reflexa* Roxb. **Mycorrhiza**, **6**: 69-71.
31. KHALID, A. N. AND IQBAL, S .11. (1996). Additions to the rust flora of Pakistan. **Pak. J. Bot.**, **28**(1): 115-117.
32. IQBAL, S.H. AND KHALID, A.N. (1996). Material for the fungus flora of Pakistan. I. Check list of Agarics, their distribution and association with the surrounding vegetation. **Sci. Int. (Lahore)**, **8**(1): 5 1-64.
33. IQBAL, S.H., CHAND, A.H. AND KHALID, A.N. (1996). Diversity of ectotrophic mycorrhizae in *Abies pindrow* Royl. **Sci. mt. (Lahore)**, **8**(1): 77-78.
34. KHALID, A.N. AND IQBAL, S.H. (1996). *Puccinia eriocyclus* sp. nov. on *Eliocyclus stewartii* from Northern Pakistan. **Mycoscience**, **37**(4): 405-406.
35. KHALID, A.N. AND IQBAL, S.H. (1996). Obituary - Prof. Hafiz M. Ilyas Hafiz. **Pak. J. Bot.**, **28**(2):
36. KHALID, A.N. AND JAMIL, A. (1996). Additions to the moss flora of Pakistan. **Sultania**, **1**(1): 18-21.

37. KHALID, A.N. AND IQBAL, S.H. (1996). Material for the fungus flora of Pakistan. II. An updated check list of uredinales of Pakistan. **Sultania**, **1**(1): 32-44.
38. KHALID, A.N. AND IQBAL, S.H. (1996). New Gasteromycetes from Pakistan. **Sultania**, **1**(2): 97-102.
39. KHALID, A.N. AND IQBAL, S.H. (1997). *Puccinia deosaiensis* sp. nov. on *Epipactis helleborine* (L.) Crantz. **Can. J. Bot.**, **74**:
40. AHMAD, S., IQBAL, S.H. AND KHALID, A.N. (1997). Fungi of Pakistan. Sultan Ahmad Mycological Society, Pakistan, pp.248.
41. KHALID, A.N. AND IQBAL, S.H. (1997). Trapping of VAM spores in foam. **Sci. Int. (Lahore)** (accepted).
42. KHALID, A.N. AND IQBAL, S.H. (1997). Influence of rust caused by *Puccinia helianthi* on mycorrhizal status of *Helianthus annuus* L. **Sci. Int. (Lahore)** (accepted).
43. KHALID, A.N., KHURSHID, S. AND FIRDAUS-E-BAREEN (1998). *Pinirrhiza alba* – a new ectomycorrhiza from Lahore. **Pak. J. Forest.**, **48**(1-4): 47-54.
44. KHALID, A.N. AND IQBAL, S.H. (1999). Addition to the Discomycetes of Pakistan. **Pak. J. Bot.**, **32**(1): 27-34.
45. KHALID, A.N. (1999). Taxonomic affinities of ectomycorrhizal macromycetes of pines of Pakistan. Ph.D. Thesis, Punjab University, Lahore.
46. TULLOSS, R.E., KHALID, A.N. AND IQBAL, S.H. (2001). Studies in *Amanita* (Amanitaceae) from southern Asia. 1. Species of Pakistan's Northwestern Frontier Province. **Mycotaxon**, **LXXVII**: 455-490.
47. KHALID, A.N. AND NIAZI, A.R., 2003. New Ectomycorrhizas in association with Poplar from Himalayan moist forests of Pakistan. **Mycopath**, **1**(1): 95-98.
48. Afshan, N. Khalid, A.N. & Niazi, A.R., 2004. New mycorrhizas from Sakesar Hills. **Mycopath**, **1**(2): 100-104.