

Name:

Prof. Dr. Abdul Nasir Khalid

Ph.D. (Botany)

Personal:

Professor,

1. Fungal Biology and Systematics Research Laboratory,
Department of Botany,
University of the Punjab, New Campus,
Lahore, 54590- Pakistan
E-mail: drankhalid@gmail.com, nasir.botany@pu.edu.pk
2. Warden, Allama Iqbal Hall, Boys Hostel No 3.
University of the Punjab, Lahore

Experience:

Honors and Awards:

1. Maximum research publications award for the year 2012 from University of the Punjab
2. Maximum research publications award for the year 2013 from University of the Punjab
3. Maximum research publications award for the year 2014 from University of the Punjab
4. Maximum research publications award for the year 2015 from University of the Punjab
5. Maximum research publications award for the year 2016 from University of the Punjab
6. Research Productivity Award 2015 from Pakistan Council for Science and Technology
7. Research Productivity Award 2016 from Pakistan Council for Science and Technology

Memberships:

1. Pakistan Biological Society
2. Pakistan Botanical Society
3. Pakistan Mycological Society
4. Member Board of Studies, Islamia University of Bahawalpur, Bahawalpur, Punjab, Pakiatan.
5. Member Board of Studies, Department of Botany, Hazara University, Mansehra, Khyber Pakhtunkhwa, Pakistan



➤ **PhD Supervised (18)**

1. **Abdul Rehman Khan Niazi** (2008): Biodiversity of ectomycorrhizas in conifers from Himalayan Moist Temperate forests of Pakistan.
2. **Najam-ul-Sehar Afshan** (2009): A contribution to the Rust flora of AJK (Azad Jammu & Kashmir) and adjacent Northern areas of Pakistan.
3. **Muhammad Hanif** (2012): Aphylophorales and their Morphotypes from Pakistan
4. **Tayiba Ashraf** (2013): Molecular and morphological characterization of *Pezizales* (Ascomycetes; Hymenomycetes) from Himalayan Moist Temperate Forests of Pakistan
5. **Samina Sarwar** (2013): Boletes and their ectomycorrhizal morphotypes from some coniferous forests of Pakistan.
6. **Muhammad Fiaz** (2013) (co-supervised): Species diversity of Basidiomycetes of district Mansehra.
7. **Abdul Razaq** (2013): Molecular characterization and identification of Gilled fungi from Himalayan moist temperate forest of Pakistan using internal transcribed spacers (ITS) of rDNA.
8. **Sobia Ilyas** (2013): Molecular investigations to characterize ectomycorrhizal fungal communities associated with some deciduous trees of Galyat, Pakistan.

9. **Syeda Bint-e-Zahira** (2014): A study on metal uptake potential of selected indigenous filamentous fungi from industrial wastewater around Lahore.
10. **Fauzia Haroon** (2015) (co-supervised): A study on some parasites of ornamental fishes imported to Pakistan.
11. **Nousheen Yousaf** (2015): Taxonomy, diversity and phylogeny of some Gasteroid fungi from Pakistan.
12. **Malka Saba** (2016): Diversity of ectomycorrhizal fungi and macrofungal saprobes in some pine dominating forests of western Himalayas, Pakistan.
13. **Sana Jabeen** (2016): Ectomycorrhizal fungal communities associated with Himalayan cedar from Pakistan.
14. **Ishtiaq Ahmed** (2017) (Co-supervised) Mushroom of Swat -A study based upon molecular and morphoanatomical characterization.
15. **Aamna Ishaq** (2017): Taxonomic study of some rust and smuts of Khyber Pakhtunkhwa and adjacent hills of Pakistan.
16. **Arooj Naseer** (2018): A Study of Fungal Communities Associated with Oak Forests of Swat and Dir Districts, KPK, Pakistan.
17. **Saddiqullah** (2018):
18. **Hira Bashir** (2019): Systematic Diversity and Culturability Assessment of *Agaricus* spp from Khyber Pakhtunkhwa and Punjab, Pakistan ,

2: M.Phil./M.S. Supervised (25)

1. **Irfan Yousaf Sahi** (2006): Culture studies of some identified Coniferous ectomycorrhizae from Himalayan Moist Temperate Forests of Pakistan
2. **Tayiba Ashraf** (2008): A study of Morphotypes of Ectomycorrhizae of conifers from Murree hills
3. **Ghulam Safdar** (2008): A study of Microlichens on soft bark trees.
4. **Madeha Javeed** (2009): Species diversity of *Russulales* and their ectomycorrhizal morphotypes from Pakistan
5. **Sana Jabeen** (2010): Ectomycorrhizal diversity of *Populus* and *Salix* spp. growing in two different ecological zones.
6. **Asma Anwar Ch.** (2010): A taxonomic study of Micromycetes from Municipal and Industrial wastes water of Lahore and Kasur District.
7. **Humera Elahi** (2010): Taxonomic study of rust fungi of Lawat, Neelum Valley, Azad Jammu & Kashmir (AJ&K), Pakistan.
8. **Malka Saba** (2011): Additions to the Uridinales of Azad Jammu & Kashmir and Fairy Meadows, Pakistan.
9. **Ayesha Naseer** (2011): Ectomycorrhizal diversity of *Pinus roxburghii* Sarg. and *Pinus wallichiana* A.B. Jacks. growing in two different ecological zones.
10. **Aamna Ishaq** (2011): Some Poaceous and Cypraceous rust flora of Pakistan.
11. **Amna Imran** (2012): Diversity and below ground community structure of ectomycorrhizal fungi associated with Himalayan Spruce, *Picea smithiana*.
12. **Rizwana Nawaz** (2012): Molecular and morpho-anatomical characterization of some mushrooms of Quaid-e-Azam campus, University of the Punjab, Lahore.
13. **Tayyaba Qasim** (2013): Further additions to the mushrooms of Lahore-Identification based on molecular methods
14. **Munazza Kiran** (2013): Micromycetes isolated from some *Eucalyptus* mycorrhizae growing in plains of Punjab, Pakistan
15. **Hira Bashir** (2013): Morpho-anatomical and molecular characterization of *Eucalyptus* associated ectomycorrhizal fungi in some areas of Punjab, Pakistan
16. **Seerat Fatima** (2013): A study of some macrofungi from Dera Ismail Khan, Khyber Pakhtoon Khwa, Pakistan.
17. **Tasleem Javed** (2014): Molecular and Morpho-anatomical characterization of some mushrooms (Agaricales:Basidiomycota) of Southeastern Punjab, Pakistan.

18. **Ayesha Ashraf** (2015): Additions to the mycoflora (Basidiomycota, Agaricales) of Lahore, Punjab, Pakistan.
19. **Fauzia Aqdu** (2015): Taxonomic and phylogenetic study of some mushrooms of Swat and Hazara, KPK, Pakistan.
20. **Fatima Razzaq** (2016): Isolation and identification of micromycetes from rhizosphere of coniferous and deciduous trees in Temperate forests of KPK, Pakistan.
21. **Farzana Nawaz** (2016). Taxonomy and phylogeny of some gilled fungi of Kumrat valley, Dir upper, KPK, Pakistan.
22. **Khush Bakht** (2017). Systematics and molecular phylogeny of some mushrooms of Kumrat Valley, Upper Dir, KP, Pakistan.
23. **Saba Saleem** (2017). Systematics study of Erysiphales (Powdery Mildews) of some parts of Himalayas, Pakistan.
24. **Muhammad Usman** (2018). A study on some macrofungi of Pabbi Forest Park, Punjab, Pakistan.
25. **Abeera Ali** (2018). Taxonomy and phylogeny of some gilled and non-gilled mushrooms of Fairy Meadows, Gilgit-Baltistan, Pakistan.
26. **Wajiha Nadeem Siddique** (2019):
27. **Ammara Sattar** (2019):
28. **Amina Chishti** (2019):
29. **Misbah Arshad** (2019):
30. **Hafiza Umaima Mujahid** (2019):
31. **Ramesha Kiran** (2019):
32. **Muniba Shafique** (2019):
33. **Nida Liaqat** (2019):
34. **Javeria Majeed** (2019):
35. **Tayyaba Khaliq** (2019):

5: M. Sc/BS. Supervised (38)

1. **Najam-ul-Sehar Afshan** (2003): Isolation and characterization of Ectomycorrhizae in Pines of Skesar hills.
2. **Muzna Zahur** (2003): Culture studies of Different Ectomycorrhizae from Murree and Skesar hills on growth media.
3. **Syeda Addila Rubbab Kazmi** (2003): Isolation and Characterization of some Ectotrophic Mycorrhizae from Gulliat of Murree Hills.
4. **Aneela Irum** (2004): Effects of Powdery mildews (*Erysiphe graminis-tritici*) on VA Mycorrhizal status of Wheat (*Triticum aestivum*)
5. **Tahira Sadaf** (2004): Soil micromycetes associated with ectomycorrhizosphere in some conifers.
6. **Erum Mukhtar** (2005): Mycoflora of senescing leaves of some ornamental plants.
7. **Huma Ahmad** (2006): Biological control of Shisham dieback and wilt using some Ectomycorrhizal strains.
8. **Nousheen Yousaf** (2006): Further Additions to the Macromycetes of Pakistan
9. **Humaira Javaid** (2006): Further Additions to the Rust Flora of Pakistan

10. **Syeda Bint-e-Zahira** (2006): Diversity of micromycetes in different polluted water and their role in detoxification.
11. **Memoona Khan** (2007): Isolation and characterization of some ectomycorrhizae from Moist temperate forests of Pakistan
12. **Farzana Younis** (2007): Additions to the Russulas and Boletes of Pakistan
13. **Malka Saba** (2008): Additions to the Rust flora of NWFP, Pakistan
14. **Khadija Sattar** (2009): Comparison of soil composting and application of chemical fertilizers on growth and subsequent development of arbuscular mycorrhizae in maize
15. **Summaya Batool** (2009): Influence of fungal pathogens on development of Arbuscular mycorrhizae in Tomato and Pea
16. **Huma Shafi** (2010): Further contribution to the ectomycorrhizae of *Pinus roxburgii* and *Pinus willichiana*
17. **Madiha Shamshad** (2011): Screening of fungal strain for heavy metal and textile dye removal and detection of Laccase like genes
18. **Uzma Irfan** (2011): Taxonomic characterization of some members of Uredinales from Pakistan.
19. **Ayesha Zulfiqar** (2011): Morphological and molecular characterization of some Agaricus from Northern areas of Pakistan.
20. **Fakhira Iram** 2012: Synthesis of ectomycorrhiza of *Rhizopogon roseolus* with some indigenous trees of Lahore, Pakistan.
21. **Humaira Hanif** (2013): A studies on some micromycetes associated with the rhizoplane of some non-mycorrhizal trees of Quaid-e-Azam Campus, Lahore.
22. **Rukhma Fatima** (2013): Morphoanatomical and molecular characterization of some mushrooms of district Chakwal, Punjab, Pakistan.
23. **KhushBakht** (2014): Morphological and molecular characterization of some mushrooms collected from Miandam, Swat, Pakistan.
24. **Mehmoona Jan** (2014): Mineral analysis of some wild mushrooms collected from different areas of Pakistan.
25. **Muhammad Usman** (2015): Taxonomic study of some rust fungi from Swat Valley and its adjacent areas of Pakistan.
26. **Nasira Bashir** (2015): Ectomycorrhizal synthesis of *Pisolithus tinctorius* and *Scleroderma bovista* with some woody trees.
27. **Lubna Choudhary** (2015): Taxonomic study of some Ascomycetes fungal pathogen of wild plants from Pakistan.
28. **Arooj Zohra** (2015): Taxonomy and phylogeny of macro fungi of some areas of Pakistan
29. **Rubab Khurshid** (2015): Some additions to the mycoflora of districts Bagh (AJK) and Swat (KPK), Pakistan.
30. **Beena** (2016): Characterization and molecular identification of some mushrooms from Malam jabba, district swat, KP.
31. **Asifa Nazir** (2016): Molecular and morpho-anatomical characterization of some mushrooms (Basidiomycota) of district Malakand, KP, Pakistan.
32. **Ammara Sattar** (2017): Morphoanatomical and molecular characterization of some mushrooms of Utror, District Swat, Pakistan.
33. **Zainab** (2017): Taxonomic study and phylogenetic study of some macrofungi from Upper Dir, KP. Pakistan.
34. **Anaiza Farooq** (2017): Systematics and phylogenetic studies of some mushrooms of Changa Manga, Punjab, Pakistan.
35. **Aiman Izhar** (2018): Morphoanatomical and Molecular characterization of some mushrooms from district Sheikhpura, Punjab, Pakistan.
36. **Sundas Ashraf** (2018): Morpho-anatomical and molecular characterization of mushroom of Shawar valley, Swat, KP, Pakistan.
37. **Iqra Yaseen** (2018): Mycoflora of fresh leaves of some ornamentals plants of Lahore and Gehlan nurseries, Punjab, Pakistan.

38. **Shafiq Ahmad** (2018): Some Lichens from districts Mastung and Bolan, Balochistan, Pakistan.
39. **Warda Awais** (2019):
40. **Maira Saleem** (2019):
41. **Maira Saman** (2019):
42. **Ayesha Sehrish** (2019):
43. **Sumaira** (2019):
44. **Muhammad Yousaf Sani** (2019):

Service Activity

- ❖ Co-ordinator PhD Regular/Old Scheme
- ❖ Convener of Departmental Committee

Brief Statement of Research

Field of interest included Fungal Taxonomy, Molecular Phylogenetics of Micro and Macrofungi, mycorrhizae, rust, smuts and powdery mildews, fungal biotechnology and fungal Ecology

Publications Books/ Research Articles:

Book/s:

Ahmad, S. Iqbal, S.H. and **Khalid, A. N.** (1997). *Fungi of Pakistan*. Mycological Society of Pakistan, Punjab University Press.

Research Articles:

233. Bashir H., Jabeen S., Bashir H., **Khalid A. N.** (2020). *Gymnopilus dunensis*, a new species from Punjab province, Pakistan. *Phytotaxa*, 428 (1): 051–059. <https://doi.org/10.11646/phytotaxa.428.1.5>
232. Ullah, S., Wilson, A. W., Fiaz, M., Hussain, S., Mueller, G. M., & **Khalid, A. N.** (2020). *Russula shanglaensis* sp. nov. (Basidiomycota: Russulales), a new species from the mixed coniferous forests in District Shangla, Pakistan. *Turkish Journal of Botany*, 44. doi:10.3906/bot-1907-3
231. Song J., Liang F. I., Mehrabi-Koushki M., **Khalid A. N.**, Razaq A.,Haelewaters D. (2019). Fungal Systematics and Evolution: FUSE 5, *Sydowia*, 71:141-245 10.12905/0380.sydowia71-2019-0141
230. Ziaullah, Jabeen, S., Faisal, M., Ahmad, H. & **Khalid, A. N.** (2019). *Leucoagaricus brunneus* sp. nov. from Khyber Pakhtunkhwa, Pakistan. *Mycotaxon*, 134(4): 601–611. <https://doi.org/10.5248/134.601>
229. Crous, P. W., Wingfield, M. J., Lombard, **Khalid, A. N.** Kiran, M. Khan, J., ... & Alexandrova, A. V. (2019). Fungal Planet description sheets: 951–1041. *Persoonia-Molecular Phylogeny and Evolution of Fungi*. <https://doi.org/10.3767/persoonia.2019.43.06>
228. Afshan, N.S., Mujahid, U., Ishaq, A., & **Khalid, A. N.** (2019) First report of leaf spot of *Sarcococca saligna* caused by *Paraconiothyrium brasiliense* in Pakistan. *Journal of Plant Pathology*, 1-1. <https://doi.org/10.1007/s42161-019-00449-6>

227. Ishaq, M., Fiaz, M., Naseer, A. & **Khalid, AN.** (2019). *Amanita subjunquillea* and its ectomycorrhizal association, reported as new for Pakistan, *Mycotaxon* 134(3)
226. Adamčík, S., Looney, B., Caboň, M., **Kahlid, A.N.**, Kiran, M., Jančovičová, S., Adamčíková, K., Avis, P. G., ... & Hampe, F (2019). The quest for a globally comprehensible *Russula* language. *Fungal Diversity*, 99(1), 369-449. <https://doi.org/10.1007/s13225-019-00437-2> (IF=
225. Ishaq, M., Khan, M. B., Ullah, S., Fiaz, M., & **Khalid, A. N.** (2019). *Infundibulicybe kotanensis* sp. nov.(Tricholomataceae), a new species from Buner, Pakistan. *Phytotaxa*, 418(2), 195-202. <http://dx.doi.org/10.11646/phytotaxa.418.2.4>
224. Habib, K., & **Khalid, A. N.** (2019). New records of lichens from the State of Azad Jammu and Kashmir, Pakistan corroborated by ITS sequences. *Nova Hedwigia*, 109(1-2), 1-2. https://doi.org/10.1127/nova_hedwigia/2019/0552
223. Ahmad, I., Khurshid, R., Ziaullah, Bibi, A., Azhar, N., Islam, M., Ashraf, S., Hussain, S. Faiz, A.H., **Khalid, A.N** & Manshad, K. (2019). First report of *Russula brunneopurpurea* from State of Azad Jammu and Kashmir, Pakistan using internal transcribed spacer technique. *Sylwan*. 163(9), 113-133.
222. Riaz, M., Afshan, N. U. S., Ishaq, A., Niazi, A. R., & **Khalid, A. N.** (2019). First Report of Powdery Mildew Caused by *Leveillula lappae* on *Tricholepis stewartei* in Pakistan. *Plant Disease* <https://doi.org/10.1094/PDIS-07-19-1387-PDN>
221. Batool, F., Sarwar, S., Jabeen, K., Shafiq, T., & **Khalid, A. N.** (2019). Assessment of antifungal activity of some boletes mushrooms found in Himalayan range of Pakistan against some fungi. *Pure and Applied Biology*. 8(4), 2257-2261. <http://dx.doi.org/10.19045/bspab.2019.80171>
220. Hanif, M., **Khalid, A. N.**, & Exeter, R. L. (2019). *Ramaria flavescentoides* sp. nov. with clamped basidia from Pakistan. *Mycotaxon*, 134(2), 399-406. <https://doi.org/10.5248/134.399>
219. Ullah, S., Abbasi, M., **Khalid, A. N.**, Ishaq, A., Fiaz, M., & Aime, M. C. (2019). *Allodus prostii* comb. nov., causal agent of tulip rust. *Nova Hedwigia*, 108(3-4), 3-4. [10.1127/nova_hedwigia/2019/0534](https://doi.org/10.1127/nova_hedwigia/2019/0534)
218. Sadiq ULLAH, Andrew William WILSON, Rodham Elliott TULLOSS, Muhammad FIA, Gregory Michael MUELLER and **Abdul Nasir KHALID.** 2019. *Amanita cinis* and *A. olivovaginata* (Basidiomycota, Amanitaceae), two new species, and the first record of *A. emodotrygon*, from Northwestern Pakistan. *Turkish Journal of Botany*. DOI: 10.3906/bot-1903-21.
217. Ishaq, A., Aime, M. C., Ayala, E. K., Ullah, S., Afshan, N. S., Fahad, M., ... & **Khalid, A. N.** (2019). First report of *Asian pistachio* rust (*Pileolaria pistaciae*) in Pakistan. *Canadian Journal of Plant Pathology*. <https://doi.org/10.108f0/07060661.2019.1647882>
216. Naseer, A., Ghani, S., Niazi, A. R., & **Khalid, A. N.** (2019). *Inocybe caroticolor* from oak forests of Pakistan. *Mycotaxon*, 134(2), 241-251. <https://doi.org/10.5248/134.241>
215. Jabeen, S., Kiran, M., Khan, J., Ahmad, I., Ahmad, H., Sher, H., & **Khalid, A. N.** (2019). *Amanita ahmadii*, a new species of *Amanita* subgenus *Amanitina* section *Validae* from Pakistan. *MycoKeys*, 56, 81. <https://doi.org/10.3897/mycokeys.56.31819>
214. Saba, M., Haelewaters, D., Fiaz, M., **Khalid, A. N.**, & Pfister, D. H. (2019). *Amanita mansehraensis*, a new species in section *Vaginatae* from Pakistan. *Phytotaxa*, 409(4), 189-201. <https://doi.org/10.11646/phytotaxa.409.4.1>
213. Saba, M., Haelewaters, D., Iturriaga, T., Ashraf, T., **Khalid, A. N.**, & Pfister, D. H. (2019). *Geopora ahmadii* sp. nov. from Pakistan. *Mycotaxon*, 134(2), 377-389. <https://doi.org/10.5248/134.377>

212. Izhar, A., Bashir, H., & **Khalid, A. N.** (2019). A new species of *Conocybe* (Bolbitaceae) from Punjab, Pakistan. *Phytotaxa*, 402(5), 251-258. <https://doi.org/10.11646/phytotaxa.402.5.4>
211. Khan, M. B., Ishaq, M., Kiran, M., Fiaz, M., & **Khalid, A. N.** (2019). *Stropharia atroferruginea* (Agaricales, Strophariaceae), a new species from Battagram district, Pakistan. *Phytotaxa*, 409(2), 83-92. <https://doi.org/10.11646/phytotaxa.409.2.4>
210. Naseer, A., **Khalid, A. N.**, Healy, R., & Smith, M. E. (2019). Two new species of *Hygrophorus* from temperate Himalayan Oak forests of Pakistan. *MycKeys*, 56, 33. <https://doi.org/10.3897/mycokeys.56.30280>
209. Caboň, M., Li, G. J., Saba, M., Kolařík, M., Jančovičová, S., **Khalid, A. N.**, ... & Adamčík, S. (2019). Phylogenetic study documents different speciation mechanisms within the *Russula globispora* lineage in boreal and arctic environments of the Northern Hemisphere. *IMA Fungus*, 1(1), 5. <https://doi.org/10.1186/s43008-019-0003-9>
208. Naseer, A., Sarwar, S., **Khalid, A. N.**, Healy, R., & Smith, M. E. (2019). *Hortiboletus kohistanensis* (Boletaceae), a new bolete species from temperate and subalpine oak forests of Pakistan. *Phytotaxa*, 388(3), 239-246. <http://dx.doi.org/10.11646/phytotaxa.388.3.3>
207. Ullah, S., Vizzini, A., Fiaz, M., Ur Rehman, H., Sher, H., & **Khalid, A. N.** (2019). *Strobilomyces longistipitatus* (Boletaceae) newly recorded from Hindukush and Himalayan moist temperate forests of Pakistan. *Nova Hedwigia*, 108(1-2), 243-254. https://doi.org/10.1127/nova_hedwigia/2018/0495
206. M. Saba, **A. N. Khalid**, S. Sharif, M. S. Iqbal. 2018. The *Heterobasidion insulare* complex from Pakistan. *Mycotaxon*, 133(2): 261-270. <https://doi.org/10.5248/133.261>
205. Liu L.-N., Razaq A., Atri N.S., Bau T., Belbahri L., Chenari Bouket A., Chen L.-P., Deng C., Ilyas S., **Khalid A.N.**, Kitaura M.J., Kobayashi T., Li Y., Lorenz A.P., Ma Y.-H., Malysheva E., Malysheva V., Nuytinck J., Qiao M., Saini M.K., Scur M.C., Sharma S., Shu L.-L., Spirin V., Tanaka Y., Tojo M., Uzuhashi S., Valério-Júnior C., Verbeken A., Verma B., Wu R.-H., Xu J.-P., Yu Z.-F., Zeng H., Zhang B., Banerjee A., Beddiar A., Bordallo J.J., Dafri A., Dima B., Krisai-Greilhuber I., Lorenzini M., Mandal R., Morte A., Nath P.S., Papp V., Pavlík J., Rodríguez A., Ševčíková H., Urban A., Voglmayr H. & Zapparoli G. (2018), *Fungal Systematics and Evolution: FUSE 4. – Sydowia 70: 211–286. 10.12905/0380.sydowia70-2018-0211*
204. Kiran, M., Khan, J., Sher, H., Pfister, D. H., & **Khalid, A. N.** (2018). *Amanita griseofusca*: A new species of *Amanita* in section *Vaginatae* from Malam Jabba, Swat, Pakistan. *Phytotaxa*, 364(2), 181-192. <http://dx.doi.org/10.11646/phytotaxa.364.2.5>
203. Sarwar, S., Jabeen, S., Ahmad, I., Dentinger, B., & **Khalid, A. N.** (2018). *Boletus himalayensis* (Basidiomycota; Boletales), a new porcini species from Pakistan. *Turkish Journal of Botany*, 42(6), 790-800.
202. Sattar, A., Kiran, M., & **Khalid, A. N.** (2018). *Rhodocollybia utrorensis* (Agaricales, Basidiomycota): a new species and a first record of the genus *Rhodocollybia* from Pakistan. *Phytotaxa*, 369(4), 269-277. <https://doi.org/10.11646/phytotaxa.369.4.4>
201. Usman, M. and **Khalid, A.N.** (2018). *Leucoagaricus pabbiensis* sp. nov. from Punjab, Pakistan. *Mycotaxon*, 133(2): 355-364. <https://doi.org/10.5248/133.355>
200. Hussain S, Usman M, Afshan N. S, Ahmad H, Khan J, **Khalid A.N.** (2018). The genus *Coprinellus* (Basidiomycota; Agaricales) in Pakistan with the description of four new species. *MycKeys* 39: 41–61. <https://doi.org/10.3897/mycokeys.39.26743>
199. Ishaq, A., Afshan, N. S. and **Khalid, A. N.** (2018). First report of *Melampsora dimorphospora* on white willow in Pakistan. *Journal of Plant Pathology*. In press. <https://doi.org/10.1007/s42161-018-0147-2>

198. Sher, H., Khan, J., and **Khalid, A. N.** (2018). *Clavariadelphus elongatus* sp. nov. (Basidiomycota; Clavariadelphaceae)-Addition to the Club Fungi of Pakistan. *Phytotaxa*, 365(2), 182-188. <http://dx.doi.org/10.11646/phytotaxa.365.2.5>
197. Razaq, A., Ilyas, S. and **Khalid, A. N.** (2018). Molecular identification of noteworthy lignicolous fungus, *Neolentinus lepedius* (fr.) Redhead & ginns: a new genus for Pakistan using phenotypical and phylogenetic approaches. *Pakistan Journal of Botany*, 50(6), 2385-2388.
196. Hussain, S., Afshan, N.S., Ahmad, H., Sher, H. and **Khalid, A.N.** (2018). *Xanthagaricus pakistanicus* sp. nov. (Agaricaceae), the first report of the genus from Pakistan. *Turkish Journal of Botany* 42: 123-133 <https://doi.org/10.3906/bot-1705-21>
195. Hussain, S., Ahmad, H., Sadiqullah, Afshan, N.S., Pfister, D.H., Sher, H., Ali, H. and **Khalid, A.N.** (2018). The genus *Parasola* in Pakistan with the description of two new species. *MycKeys*, 30, 41–60. <https://doi.org/10.3897/mycokeys.30.21430>
194. Naseer, A. and **Khalid, A. N.** (2018). A New Record of Genus *Craterellus*, Edible Basidiomycotous Fungus from Pakistan. *Saudi Journal of Medical and Pharmaceutical Sciences*, 4(6), 656-659. [10.21276/sjmps.2018.4.6.2](https://doi.org/10.21276/sjmps.2018.4.6.2).
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Workshops

One-day workshop of Inspiring the future “Countering Violent Extremism Orientation Session” organized by Centre for Health and Gender Equality (CHANGE) (13-09-17)

Participation/Paper Presentation in International/National Conferences

21. 7th International and 16th National Conference on “Plant Resources: Current Trends, Challenges and Solutions” held at Islamia College Peshawar and University of Peshawar (23–26 March 2018).

Oral Presentation

1. **Khalid, A.N.** 2018. Two Decades with Fungi of Pakistan.
2. Ahmad, I., Rashid, A., Ahmad, H., Siraj, A. and **Khalid, A.N.** 2018. Mushrooms of Swat, Phylogenetic perspective of some new records.
3. Ishaq, A., Afshan, N.S., **Khalid, A.N.** 2018. Taxonomy and phylogeny of some *Uromyces* species from Pakistan.
4. Rehman, H., Sadiqullah, Fiaz, M., **Khalid, A.N.** and Ahmad, H. 2018. Addition to the Boletoid Mushrooms of Pakistan.
5. Ali, S., Fiaz, M., **Khalid, A.N.**, Khan S.M., Imran, A., Ahmad, Z., Rehman, H. and Ullah, Z. 2018. Molecular identification of European Genus *Strobilurus* from Himalayan region of Pakistan using ITS-rDNA marker.
6. Anwer, A., Uddin, S., Afshan., N.S. and **Khalid, A.N.** 2018. Diversity and distribution of plantogenic fungi in district upper dir, KP, Pakistan.

7. Wahab, H., Uddin, S. and **Khalid, A.N.** 2018. Diversity of lichen in Chitral, Khyber Pakhtunkhwa, Pakistan.
8. Jabeen, S. and **Khalid, A.N.** 2018. Morphological and Molecular phylogentic analysis of some ascomycetes from Pakistan.
9. Ziaullah, Jabeen, S., Faisal, M., Ahmad, H. and **Khalid, A.N.** 2018. Morphological and molecular phylogentic analysis revealed *Hortiboletus siccus*, A new species in Boletaceae from Swat, KP, Pakistan.
10. Khan, J., Sher, H. and **Khalid, A.N.** 2018. New record of *Hericium cirrhatum* to Pakistani mycoflora, a globally rare tooth fungus.
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12. Khan, J., Sher, H. and **Khalid, A.N.** 2018. *Russula olivacea* and *R. postiana* two new records for Pakistani mycoflora.
13. Yousaf, N., Niazi, A.R. and **Khalid, A.N.** 2018. Two new *Lycoperdon* species (Subgenus *Vasellum*) from Pakistan.
14. Sarwar, S., **Khalid, A.N.** and Dentinger, B.M. 2018. Morphological and Molecular analysis of Ectomycorrhizal fungal otus associated Pines in Himalayan region Pakistan.
15. Firdous, Q., Sarwar, S. and **Khalid, A.N.** 2018. Antifungal potential of *Macrocybe giganteum* against *Penicillium glabrum*.
16. Kiran, M. and **Khalid, A.N.** 2018. *Russula aurea* A delicacy with mycorrhizal forestry prospectus.
17. Bashir, H., Jabeen, S. and **Khalid, A.N.** 2018. *Gymnopileus lepidotus*, A New record from Pakistan.
18. Qasim, T., Izhar, A. and **Khalid, A.N.** 2018. A new species of genus *Entoloma* S.L. (Agaricales) from Pakistan.

20. International conference on 'Conventional And Modern Approaches in Plant Sciences' held at Department of Botany, University of the Punjab, Lahore, Pakistan (27–29 November 2017).

Oral Presentations

1. Jabeen, S. and **A. N. Khalid.** 2017. Conventional and modern approaches to characterize boletes (boletales, basidiomycota) from cedar dominating forests of Pakistan.
2. Ziaullah, Jabeen, S., Ahmad, H. and **Khalid, A. N.** 2017. Addition of a species in *Bovista* (Agaricales; Basidiomycetes) based on morphology and molecular phylogenetic analysis from Pakistan.
3. Ali, A. Jabeen, S., Kiran, M. and **Khalid, A. N.** 2017. New and Noteworthy *Pluteus* (Plutaceae) from Fairy Meadows, Gilgit-Baltistan, Pakistan.
4. Bashir, H., Jabeen, S. **Khalid, A. N.** 2017. Addition of *Trametes versicolor* s. l. in *T. versicolor* complex.
5. Yousaf, N. and **Khalid, A.N.** 2017. Taxonomy and Phylogeny of Phallales from Pakistan.
6. Rehman, U.H., Imran, A., Ali, Shahab, Ali, G, **Khalid, A.N.** and Fiaz, M. 2017. Reports of new boletoid fungi viz. *Butyrioboletus sanicibus* and *Hypomyces chlorinigenusform* temperate forest of district Shangla (Khyber Pakhtunkhwa)
7. Saddiquallah, Wilson, A.W., Fiaz, M., Mueller and **Khalid, A. N.** 2017. Three new species of *Amanita* from North Western Pakistan.
8. Anwar. A., Afshan, N.S. **Khalid. A.N.** and Siraj-ud-Din. 2017. Diversity and distribution of powdery mildews of Malakand Division, KP, Pakistan.
9. Izhar, A. and Khalid, A.N. 2017. Mushroom flora of district Sheikhupura, Punjab, Pakistan.
10. Sattar, A., Kiran, M. and **Khalid. A.N.** 2017. *Entoloma sericeum*: New record of a poisonous mushroom from Pakistan.
11. Khan, J. Sher, H. and **Khalid, A.N.** 2017. New record of *Hericium cirrhatum* to Pakistani mycoflora, a globally rare growth fungus.
12. Hussain, S. Afshan, N.S., **Khalid. A.N.** and Ahmed, H. 2017 *Psathyrella fusiform* sp. nov. (Psathrellaceae) new species from Pakistan.

13. Saba, M. Khalid, A.N., Jabeen, S. and **Khalid A.N.** 2017. Diversity and community structure of ectomycorrhizal fungi associated with *Pinus roxburghii* and *P. wallichiana* across the western Himalayan Forests of Pakistan.
14. Sher, I. Yousaf, N. Qasim, T. and **Khalid, A. N.** 2017. A study of Rhizospheric fungal communities of *Cycas revoluta* from different localities of Lahore, Pakistan.
15. Ishaq, A. Ishaq, S. Afshan, N.S. and **Khalid, A. N.** 2017. GIS based predictive modeling rust fungi in Himalayan box plants in Pakistan.
16. Asghar, S. **Khalid, A. N.** and Niazi, A.R. 2017. Geographical distribution of Ascomycetes in Pakistan. An overview
17. Firdous, Q., Sarwar, S. and **Khalid, A.N.** 2017. GC-MS analysis of bioactive compounds of molecular characterized *Podoscypha petalodes* from Lahore.
18. Ahmad, I., Rashid, A. and **Khalid, A.N.** 2017. Morphological assessment and phylogenetic analyses in some ecologically important mushrooms found in Coniferous Forests of Swat valley.
19. Imran, A. Urbina, H., Roslingand, A. and **Khalid. A.N.** 2017. DNA-Meta barcoding analyses of fungal communities from Himalayan Fir Forests in Pakistan.

Poster presentations

1. Naseer, A. and **Khalid, A.N.** 2017. Molecular and Phylogenetic characterization of family Clavulinaceae from temperate forests of Pakistan
 2. Rehman, H.U, Fiaz, M., Sadiqullah, Fahad, M. and Bakhtawarkhan, Ali, S. and **Khalid, A.N.** 2017. Taxonomic study of gilled mushrooms of District Torgarh, Khyber Pakhtunkhwa, Pakistan.
19. Conference on Genomics' held at Hazara University, Mansehra, Pakistan (27–29 September 2017).
1. Jabeen, S. and **Khalid, A. N.** 2017. Molecular phylogeny based on ribosomal RNA gene and morphological characterization of species in *Amanita* from cedar dominating forests of Pakistan.
 2. Ziaullah, Jabeen, S., Ahmad, H. and **A. N. Khalid.** 2017. Molecular phylogenetic analysis of *Lactarius pterosporus* from Swat, Pakistan.

18. 9th International Conference on Mycorrhiza (ICOM 9) Prague, Czech Republic (30th July–4th August 2017)

Oral Presentations

1. Grebenc, T., Unuk, T., Sulzbacher, M., Jabeen, S., **Khalid, A. N.** & Karadelev, M. 2017. Ectomycorrhizal hypogeous fungi at the upper timber line – recent findings and new species.
17. 6th International and 15th National Conference on “Dynamic Trends in Plant Science-Foresting Environment and Food Security” (9-11 May 2017)
1. Bashir, N., Bashir, H. and **Khalid, A. N.** Ectomycorrhizal synthesis of *Pisolithus tinctorius* and *Scleroderma Bovista* with some woody trees
 2. Khan, M. and **Khalid, A. N.** A Novel species of Lichen, *Verrucaria* from Mansehra, KP, Pakistan
 3. Kiran, M. and **Khalid, A. N.** Diversity of Micromycetes isolated from some mycorrhizal Eucalyptus Roots.
 4. Ishaq, A., Gis-Based Predictive Modeling of Pistachio rust: An emerging challenge to forest of Pakistan.
 5. Imran, A and **Khalid, A. N.** Phylogenetic analysis of four species of *Inocybe* (Basidiomycota, Agaricales) derived from ITS and LSU sequence data
 6. Naseer, A, Yousaf, N. and **Khalid, A. N.** *Scleroderma pakistanensis* (Boletales, Sclerodermataceae) A new species of Earth Balls from Pakistan
 7. Yousaf, N. and **Khalid, A. N.** Taxonomy, Phylogeny and Diversity of *Phallus* (Phallales; Basidiomycota) from Pakistan.

8. Razzaq, F and **Khalid, A. N.** New records of *Trichoderma* species isolated from rhizosphere soil of some monoculture forests of Pakistan
 9. Bashir, M. and **Khalid, A. N.** Biodiversity of some mushrooms and macrofungi of District Narowal, Punjab, Pakistan.
 10. Bakht, K., Saba, M. and **Khalid, A. N.** *Leucoagaricus vassilijevae* and *Tephrocybe platypus*, Two reports of Agarises from Miandam, Swat, Pakistan.
 11. Jabeen, S. and **Khalid, A. N.** Species diversity of some Boletes from Cedar Dominating forests of Khyber Pakhtunkhwa Province, Pakistan.
 12. Qasim, T. and **Khalid, A. N.** Two new species of *Hymenagaricus*, A genus new to Pakistan.
16. Conference on Chemical, Agricultural and Biological sciences (cabs-2015) organized by Emirates association of Chemical, Biological and Environmental Engineers, held at Istanbul, Turkey, from 4th-5th September 2015.
1. Afshan, N. S., Ishaq, A., Niazi, A. R. & **Khalid, A. N.** Geographical distribution and host range of genus *Uromyces* (Pucciniaceae, Uredinales) in Pakistan.
15. 1st International Symposium on — The Himalayas of Pakistan held at Hazara University, Mansehra (27-30 November 2014).
- Oral Presentations
1. Jabeen, S. & **Khalid, A. N.** 2014. Ectomycorrhizal inoculation-A key tool for rehabilitation of Himalayas
14. International Conference of Plant Sciences held at Department of Botany, GC University, Lahore from 22-24 September, 2014.
- Oral Presentations
1. Jabeen, S. & **Khalid, A. N.** 2014. Phylogenetic characterization of *Inocybe*; an ectomycorrhizal genus from mixed coniferous forests of Pakistan
13. 4th International and 13th National conference of Botany (27-30 August 2014) held at Shaheed Benazir Bhutto University, Sheringal, Dir Upper, Khyber Pakhtunkhwa.
- Oral Presentations
1. Jabeen, S., Fiaz, M., Saba, M. Ahmad, H. & **Khalid, A. N.** 2014. Molecular phylogeny and morphological characterization of *Russula livescens* and its ectomycorrhizae from mixed coniferous forests of Pakistan.
 2. Sarwar, S., Jabeen, S. **Khalid, A. N.** & Dentinger B. T. M. 2014. Molecular phylogeny of boletes: *Boletus luridiformis* and *Xerocomellus rubellus* from different coniferous forests of Pakistan.
12. Participated in 3rd Invention to Innovation Summit 2014 organized by University of the Punjab, Lahore, Pakistan
11. Asian Mycological Congress 2013 and 13th International Marine and Fresh Water Mycology Symposium
- Oral Presentation**
1. Hanif, M., Imran, A. and **Khalid, A. N.** 2013. Ectomycorrhiza of Himalayan alder (*Alnus nitida*) from moist temperate forests of Pakistan. (19-23 Aug. 2013).
10. 12th National and 3rd International Conference of Botany (1-3rd September, 2012).
- Poster Presentations**
1. Saba, M and **Khalid, A. N.** Species Diversity of Genus *Puccinia* Pers. (Basidiomycota; Uredinales) parasitizing Poaceae hosts from Pakistan.
 2. Saba, M and **Khalid, A. N.** New Records of Uredinales (Basidiomycota) from Azad Jammu and Kashmir and Adjacent Northern Areas of Pakistan.

3. Imran, A and **Khalid, A N.** Ectomycorrhizal diversity of Himalayan Spruce (*Picea Smithiana*)
4. Ashraf, T. and **Khalid, A N.** Diversity and phylogeny of *Helvella* (Ascomycota: Pezizales) from Himalayan moist temperate forests of Pakistan
5. Fiaz, M. Ahmad, H and **Khalid, A N.** Addition of Telial Stages of *Cerotelium* and *Phakopsora* Species (Basidiomycota; Uredinales from Pakistan
6. Nawaz, R, **Khalid, A N.** and Hanif, M. The Genus *Agaricus* (Basidiomycota; Agaricales), its diversity and Phylogeny From Lahore
7. Jabeen, S. and **Khalid, A N.** Ectomycorrhizal diversity of *Populus* and *Salix* spp. growing in two different ecological zones

9. 2nd International Conference of Plant Scientists, &, 11th National Meeting of Plant Scientists, Biology Block, GC University Lahore. February 22-24, 2011

Oral Presentations

1. Three new anamorphic rust fungi on *Rosa* spp. from Pakistan
2. PCR-ITS based identification of *Ramaria flavescens* from Himalayan Moist Temperate forest of Pakistan.
3. *Tricholomopsis flammula* Métrod ex Holec (Basidiomycota, Agaricales)— an addition to the mushroom flora of Pakistan based on molecular identification

Poster Presentations

1. Molecular description of *Calocera viscosa* using 5.8s gene of ribosomal DNA and PCR-RFLP.
2. Genus *Uromyces* (Link) Unger (Basidiomycota, Pucciniales) from Leepa valley, Azad Jammu & Kashmir (AJ & K) Pakistan.
3. New records of Russulales from Gilgit Baltistan (Fairy meadows) Pakistan.
4. Two new records of Boletes from Himalayan Moist Temperate Forests of Pakistan.
5. Two new records of pezizales (Ascomycota; Hymeno ascomycetes) from Pakistan
6. New records of rust fungi on some Sedges (Cyperaceae) from Pakistan
7. Reduction of BOD and COD in different polluted water samples of Lahore and Kasur using micromycetes
8. New records of *Scleroderma* (Basidiomycota, Gasteromycetes) species from Pakistan
9. Ectomycorrhizal diversity of *Juglans regia* from Himalayan Moist temperate forest of Pakistan
10. Phytosociological studies of microlichens on *Juglans regia* (a soft bark tree) at Sheran, Kaghan valley of Pakistan.

8. Participated and presented paper On —*Studies of Rust Fungi and Studies of Smuts Fungi*|| HEC workshop on Identification and Conservation of Micromycetes|| held at the Department of Mycology and Plant Pathology, Punjab University Lahore, from Aug 24-28, 2007.

7. Participated and presented paper “*Punjab University Botanical Garden; Past, Present & Future*|| in Conference on Action Plan for Botanic Gardens Network in Pakistan. Held on 24-25th March, 2006 at Government College University, Lahore.

6. Participated in the Workshop in 2005 on —*Integrated Pest Management*|| organized by NARC & HEC Pakistan.

5. Participated and presented paper On “*Rusts and Smuts*” HEC Workshop on “*Identification and Conservation of Micromycetes*” held at the Department of Mycology and Plant Pathology, Punjab University Lahore, from Aug 23-28, 2004.

4. Fourth All Pakistan Science Conference, held at Rawlakot, AJ&K, from 16th to 19th November, 1996.

3. Science Conference of Plant Scientists, held at Ayub Agriculture Research Institute, Faisalabad, in February 1993.

2. Second All Pakistan Science Conference, held at Aitcheson College, Lahore, from 20 to 30 December 1993, organized by the Science International, Lahore.

1. First All Pakistan Science Conference, held at Khanspur, in April 1992, organized by the Science International, Lahore.

Research Projects (12) (As Principal Investigator)

1. Biodiversity of Mushrooms and Ectomycorrhizas from Himalayan Moist Temperate Forests of Pakistan (2005-2009; Basic; **Funded by Higher Education Commission**; 3.66 million PKR)
2. A contribution to the Rust flora of AJK (Azad Jammu & Kashmir) and adjacent Northern areas of Pakistan (2008-2011; Basic; Funded by **Pakistan Science Foundation**; 2.30 million PKR).
3. Control of Shisham dieback using ectomycorrhizal Fungi (2005-2006; Applied; **Funded by University of the Punjab**; 0.16 million PKR).
4. Mushroom Flora and its Role in the Growth and Survival of Important Forest Trees (2006-2007; Applied; **Funded by University of the Punjab**; 0.133 million PKR)
5. Diversity of Micromycetes in different polluted water samples and their role in detoxification (2007-2008; Applied; **Funded by University of the Punjab**; 0.1 million PKR)
6. Additions to the Rust flora of NWFP, Pakistan (2009-2010; Basic; Funded by **University of the Punjab**; 0.1 million PKR).
7. Mycorrhizal diversity of Willows and Populus along the BRB Canal, Lahore and Khanspur (2010-2011; **Basic; Funded by University of the Punjab**; 0.125 million PKR).
8. Isolation and Characterization of Micromycetes from some Industrial and Municipal waste water (2011-2012; Basic; **Funded by University of the Punjab**; 0.2 million PKR).
9. Molecular and morpho-anatomical characterization of some mushrooms of Quaid-e-Azam campus, **University of the Punjab, Lahore** (2012-2013; Basic; Funded by University of the Punjab; 0.2 million PKR).
10. Additions to the Mushroom flora of Miandam (Swat) Pakistan, **Funded by University of the Punjab (2013-14)** 0.2 million PKR.
11. Mushrooms of Lahore- their identification based upon rDNA-ITS region amplification (2014-2015; Basic; **Funded by University of the Punjab**; 0.2 million PKR).
12. Lepiotaceus fungi of Galiat and Hazara region, KPK (**Funded by University of the Punjab** 2015-2016; 0.2 million PKR)
13. Establishment of DNA sequence database for identification of macrofungi of Pakistan (2016-2019; 12. 1 million PKR), **Funded by Higher Education commission.**
14. (PU Research Project 2016-17)
15. Molecular Identification of Some Gilled Mushrooms of Malam Jabba (PU Research Project 2017-18)
16. (PU Research Project 2018-19)
17. (PU Research Project 2019-20)

TAXA DESCRIBED NEW TO SCIENCE

No.	Taxon	Journal
34	<i>Leucoagaricus lahorensis</i> Qasim, T.,	Mycotaxon (2015)

	Amir, T., Nawaz, R., Niazi, A. R. & Khalid, A. N.	
33	<i>Lepiota lahorensis</i> Qasim, T., Khalid, A. N. & Vellinga, E. C.	Turkish Journal of Botany (2016)
32	<i>Morchella pakistanica</i> S. Jabeen & A. N. Khalid	Sydowia (2016)
31	<i>Inocybe kohistanensis</i> S. Jabeen, I. Ahmad, A. N. Khalid	Turkish Journal of Botany (2016)
31	<i>Russula foetenoides</i>	Sydowia (2014)
30	<i>Clavariadelphus pakistanicus</i> M. Hanif & A. N. Khalid	Canadian Journal of Botany (2014)
29	<i>Boletus pakistanicus</i> S. Sarwar & A. N. Khalid	International Journal of Agriculture and Biology (2014)
28	<i>Lepiota vellingana</i> R.Nawaz & A. N. Khalid	Mycological Progress 12 (2013)
27	<i>Bovista himalaica</i> Yousaf, Kreisel & Khalid	Mycological Progress 12 (2013)
26	<i>Hyalospora nodispora</i> M. Saba & R. Berndt	Mycological Progress 2012
25	<i>Lepiota himalayensis</i> Razaq & Khalid	Mycotaxon 121(2012)
24	<i>Caecoma rosicola</i> Afshan, Niazi & Khalid	Mycotaxon, 120 (2012)
23	<i>Caecoma khanspurensis</i> Khalid, Afshan & Niazi	Mycotaxon, 120 (2012)
22	<i>Caecoma ahmadii</i> Afshan, Khalid & Niazi	Mycotaxon, 120 (2012)
21	<i>Puccinia helictotrichi</i> var. <i>pakistanica</i> Afshan & Khalid	Mycotaxon, 112 (2010)
20	<i>Puccinia anaphalidis-virgatae</i> Khalid, Afshan & S.H. Iqbal	Mycotaxon, 112 (2010)
19	<i>Milesia kashmiriana</i> Afshan, S.H. Iqbal, Khalid & Niazi	Mycotaxon, 112 (2010)
18	<i>Puccinia sporoboli-coromandeliani</i> Afshan, Khalid & Niazi	Mycological Progress, (2010)
17	<i>Puccinia leersiae</i> Khalid & Afshan	Mycological Progress, (2010)
16	<i>Puccinia dichanthii</i> Afshan & Khalid	Mycological Progress, (2010)
15	<i>Puccinia subepidermalis</i> Afshan, Khalid & S.H. Iqbal	Mycotaxon, 110 (2009)
14	<i>Puccinia silenigena</i> S.H. Iqbal, Afshan & Khalid	Mycotaxon, 109 (2009)
13	<i>Puccinia khanspurica</i> Khalid & Afshan	Mycotaxon, 108 (2009)
12	<i>Phallus calongei</i> G. Moreno & Khalid	Mycotaxon 108 (2009)
11	<i>Aecidium pakistanicum</i> Sultan, Ikram-ul-Haq, Khalid & Mukhtar	Mycotaxon 105 (2008)
10	<i>Aecidium haqii</i> Sultan, Khalid & Mukhtar	Mycotaxon 105 (2008)
9	<i>Puccinia sporoboli-arabici</i> Afshan, Berndt, Khalid & Niazi	Mycotaxon, 104 (2008)
8	<i>Puccinia agrostidis-caninae</i> Afshan, Berndt, Khalid & Niazi	Mycotaxon, 104 (2008)
7	<i>Puccinia cyperi-laevigati</i> Afshan and Khalid	Pak. J. Phytopathol. 20 (1): (2008)
6	<i>Thecaphora pakistanica</i> Vánky, S.H. Iqbal & Khalid	Mycol. Balcanica 4(1-2): (2007)
5	<i>Lysurus pakistanicus</i> S.H. Iqbal, Kasuya,	Mycotaxon 98: (2006)

	Khalid & Niazi	
4	<i>Calvatia ahmadii</i> Khalid & S.H. Iqbal	Pakistan Journal of Botany 36(3): (2004)
3	<i>Amanita pakistanica</i> Tulloss, S.H. Iqbal & Khalid	Mycotaxon 77: 458 (2001)
2	<i>Puccinia deosaiensis</i>	Canadian Journal of Botany 74 (1997)
1	<i>Puccinia eriocyclus</i> Khalid & S.H. Iqbal	Mycoscience 37(4): (1996)