

Dr. Arooj Naseer

List of Publications (Impact Factor 126.71)

59. Muhammad Binyamin Khan, Sana, **Arooj Naseer**, Muhammad Ishaq, Munazza Kiran, Entaj Tarafder, Muhammad Fiaz, Abdul Nasir Khalid and Ting Chi Wen (2025). *Lactarius battagramensis* (Russulales, Basidiomycota) and its ectomycorrhizal association in temperate forests of Khyber Pakhtunkhwa, Pakistan. *Phytotaxa* 701 (2): 148–160 (**Impact Factor 1.17**) <https://doi.org/10.11646/phytotaxa.701.2.2>
58. Sana Jabeen, Annum Razzaq, Fauzia Aqdas, Hira Iqbal, Hira Ijaz, Aiman Izhar, Muhammad Kamran, **Arooj Naseer** and Abdul Nasir Khalid. (2025). *Pseudosperma umbonatum* sp. nov. from Himalayan forests of Pakistan. *Phytotaxa* 701 (1): 022–040 (**Impact Factor 1.17**) <https://doi.org/10.11646/phytotaxa.701.1.2>
57. Ayesha Faryad, Samra Asghar, Annum Razzaq, Narmeen Ayub, **Arooj Naseer** and Abdul Nasir Khalid (2025). A new species of *Pseudosperma* and first record of *P. aureocitrinum* (Agaricales, Inocybaceae) from Pakistan. *Nordic Journal of Botany*, (**Impact Factor 0.931**) <http://doi.org/10.1002/njb.04757>
56. Urooj Ashraf, Gordon Webster, Annum Razzaq, Najam-ul-Sehar Afshan, Sarah R. Christofides, **Arooj Naseer**, Muhammad Ali, Abdul Rehman Niazi, Andrew J. Weightman and Abdul Nasir Khalid. (2025). *Inocybe crenata* sp. nov. (subsec. Geophyllinae, sect. Tardae) from conifer dominated forests of Pakistan. *Mycobiology*, 53:2, 135–143 (**Impact Factor 1.946**) <https://doi.org/10.1080/12298093.2024.2398273>
55. Ali Abbas, **Arooj Naseer** & Abdul Nasir Khalid. (2024). *Pseudosperma parvispora* (Inocybaceae, Basidiomycota) sp. nov., from Pakistan. *Phytotaxa*, 648 (1):117–128. (**Impact Factor 1.17**) <https://doi.org/10.11646/phytotaxa.684.1.7>
54. Hyde KD et al. (2024). The 2024 Outline of *Fungi* and fungus-like taxa. *Mycosphere* 15(1): 5146–6239. (**Impact Factor 16.25**) <https://doi.org/10.5943/mycosphere/15/1/25>

53. Munazza Kiran, Atika Amjad, **Arooj Naseer**, Zia Ullah, Annum Razzaq, Shah Hussain & Abdul Nasir Khalid (2024). *Infundibulicybe swatica* (Basidiomycota, Agaricales), a new species from Pakistan. *Phytotaxa* 672 (1): 089–098 (**Impact Factor 1.17**)

<https://doi.org/10.11646/phytotaxa.672.1.6>

52. Ammara Ashfaq, Annum Razzaq, **Arooj Naseer** and Abdul Nasir Khalid (2024). Morphological and molecular evidence for a new species of *Russula* subgen. Compactae from Pakistan. *Nordic Journal of Botany*, 2024: e04411 (**Impact Factor 0.931**) [https://doi:](https://doi.org/10.1111/njb.04411)

[10.1111/njb.04411](https://doi.org/10.1111/njb.04411)

51. Abdul Nasir Khalid, Fauzia Razaq, **Arooj Naseer**, Tayyab Qasim and Sobia Kanwal (2024). Two new species and a new record of Entolomatoid fungi (Entolomataceae, Agaricales) from Pakistan. *Phytotaxa*, 666 (1): 001–016. (**Impact Factor 1.17**), <https://doi.org/10.11646/phytotaxa.666.1.1>

50. Muhammad Haqnawaz, Muhammad Usman, Aman Javaid, Farkhanda Ramzan, Ayesha Bibi, Abdul Rehman Niazi, **Arooj Naseer**, Najam Ul Sehar Afshan and Abdul Nasir Khalid (2024). Four new species of *Candolleomyces* (Psathyrellaceae) from the Punjab Plains, Pakistan. *Mycologia*, (**Impact factor 3.01**) <https://doi.org/10.1080/00275514.2024.2374208>

49. Rizwana Zulfiqar, Shaheena Mansoob, Muhammad Shahid Iqbal, Uswa Fatima Ahmad, **Arooj Naseer** and Abdul Nasir Khalid (2024). New additions to the list of lichenized fungi of Pakistan. *Nova Hedwigia*, Published On line June, 2024. (**Impact factor 1.254**) https://doi.org/10.1127/nova_hedwigia/2024/0953

48. Humaira Bashir, Sana Jabeen, **Arooj Naseer** and Abdul Nasir Khalid (2024). *Onnia pakistanica* sp. nov., (Hymenochaetaceae, Basidiomycota) from Pakistan. *Phytotaxa*, 658 (3): 251–260. (**Impact factor 1.17**) <https://doi.org/10.11646/phytotaxa.658.3.3>

47. Sana Jabeen, **Arooj Naseer**, Hira Ijaz, Tuba, Aneela Yasmeen, Abdul Rehman Niazi and Chang-Lin Zhao (2024). *Leucoagaricus rosuliformis* sp. nov. (*Agaricales*, *Basidiomycota*) from Changa Manga Forest, Punjab, Pakistan. *Phytotaxa*, 652 (4): 273–283 (**Impact factor 1.17**) <https://doi.org/10.11646/phytotaxa.652.4.3>
46. **Arooj Naseer**, Rubab Khurshid, Yu-Guang Fan and Abdul Nasir Khalid (2024). Two new species of *Mallocybe* from Himalayan forests of Asia (2024). *Phytotaxa*, 640 (3): 255–264 (**Impact factor 1.17**) <https://doi.org/10.11646/phytotaxa.640.3.3>
45. Hafiza Simab Asghar, Muhammad Nadeem, Naqibullah Oryakhil, Iram Fayyaz, Abdul Rehman Niazi, Najam- ul- Sehar Afshan, **Arooj Naseer** and Abdul Nasir Khalid (2024). Two new species of *Lecaimmeria* (lichenized *Ascomycota*, *Lecideaceae*) from Asia. *Mycological Progress*, 23:12–20. (**Impact factor 2.538**) <https://doi.org/10.1007/s11557-024-01954-4>
44. Annum Razzaq, Zia Ullah, **Arooj Naseer** and Abdul Nasir Khalid. (2023) *Asterophora lycoperdoides* (Bull.) Ditmar, a New Generic Record from SubHimalayan Forests of Pakistan. *Biologia*, 69(2): 61–65.
<https://dx.doi.org/10.17582/journal.Biologia/2023/69.2.61.65>
43. **Arooj Naseer**, Sana Jabeen, Ammara Ashfaq, Mahrukh Akbar, Syed Iftikhar, Hussain and Abdul Nasir Khalid (2023). *Pseudosperma quercinum* sp. nov. (*Inocybaceae*) from the Himalayan forests of Pakistan. *Phytotaxa* 622 (4): 260–270 <https://doi.org/10.11646/phytotaxa.622.4.3>
42. **Arooj Naseer**, Annum Razzaq, Mubashara Saeed and Abdul Nasir Khalid. (2023). A new species of smooth-spored *Inocybe* from coniferous forests of Pakistan. *Nordic Journal of Botany*, (Impact Factor 1.04) <https://doi.org/10.1111/njb.04045>
41. Hira Ijaz, Maham Mureed, Aneela Yasmeen, **Arooj Naseer**, Abrar Hussain, and Sana Jabeen (2023). Molecular phylogeny and morphological characterization of *Leucocoprinus birnbaumii* from Punjab, Pakistan. *Advancements in Life Sciences*, 10(2): 148–151.

40. **Arooj Naseer** and Khalid (2023). *Inocybe nigroumbonata* Naseer & Khalid in FUSE 9. **(Impact Factor 0.957)**

<https://doi.org/10.12905/0380.sydowia75-2023-313>

39. **Arooj Naseer**, Muhammad Ali, Abdul Rehman Niazi and Abdul Nasir Khalid (2023). *Leucoagaricus swaticus* from Himalayan temperate forests of Pakistan. Nordic Journal of Botany, 7, e03983 **(Impact Factor 1.04)**
<https://doi.org/10.1111/njb.03983>

38. Annum Razzaq, **Arooj Naseer** and Abdul Nasir Khalid (2023). *Inocybe subhimalayanensis* (Agaricales, Inocybaceae), a new smooth spored *Inocybe* species from Pakistan. European Journal of Taxonomy 870: 76–86. **(Impact Factor 1.398)**

<https://doi.org/10.5852/ejt.2023.870.2119>

37. Abdul Rehman Niazi, Najam-Ul-Sehar Afshan, **Arooj Naseer**, Muhammad Nadeem, Fatima Iftikhar, Iram Fayyaz, Asma Ashraf, Sawera Imtiaz, Shahzadi Qamar Fatima and Abdul Nasir Khalid (2023). A new species and a new record of the genus *Phaeophyscia* Moberg (Lecanorales, Physciaceae) from Pakistan supported by phenotypic and molecular phylogenetic analyses. Cryptogamie Mycologie, 44 (4). 51-59. **(Impact Factor 2.231)**

<http://cryptogamie.com/mycologie/44/4>

36. Annum Razzaq, **Arooj Naseer**, Soumia Shahid and Abdul Nasir Khalid (2023). Morphoanatomical and molecular characterization of two new *Russula* species in Section *Ingratae* from Pakistan. Phytotaxa, 592 (1): 021–038. **(Impact Factor 1.171)**

<https://doi.org/10.11646/phytotaxa.592.1.2>

35. Shazia Ashraf, **Arooj Naseer**, Muhammad Usman and Abdul Nasir Khalid. (2023). Two new species of genus *Leucoagaricus* (Agaricaceae, Agaricales) from Pakistan. Mycokeys, 96 159-171. **(Impact Factor 3.111)**

<https://mycokeys.pensoft.net/article/101745/>

34. Rubab Khurshid, **Arooj Naseer**, Isaac Garrido-Benavent and Abdul Nasir Khalid. (2023). *Cortinarius kashmirensis* sp. nov. in *Cortinarius* sect. *Disjungendi* (*Agaricales*) from Pakistan. *Phytotaxa*, 583 (1): 050–060. **(Impact Factor 1.050)**
<https://doi.org/10.11646/phytotaxa.583.1.5>
33. Rubab Khurshid, **Arooj Naseer** and Abdul Nasir Khalid. (2023). *Gymnopilus rubellus* sp. nov. from the coniferous forests of Azad Jammu and Kashmir, Pakistan. *Plant Systematics and Evolution*, 309:3 **(Impact Factor 1.644)**
<https://doi.org/10.1007/s00606-022-01838-8>
32. Rizwana Zulfiqar, Asma Ashraf, Shabnum Hayat, Shahzadi Fatima, **Arooj Naseer** and Abdul Nasir Khalid. (2022). New Records of Saxicolous Lichens from Pakistan. *Biology Bulletin*, Vol. 49, Suppl. 2, 79–85. **(Impact Factor 0.6)**
<https://doi.org/10.1134/S1062359022140175>
31. **Arooj Naseer**, Annum Razzaq, Munaza Kiran and Abdul Nasir Khalid. (2023) *Inocybe longistipitata* in Persoonia 49 by Tan et al in Fungal Planet Description Sheets: 49: 261 – 350 **(Impact Factor 11.051)**
<https://doi.org/10.3767/persoonia.2022.49.08>
30. Rubab Khurshid, **Arooj Naseer**, Israr Ahmad and Abdul Nasir Khalid. (2022). *Russula kashmiriana* sp. nov. in subgenus *Tenellula* from Himalayan temperate forests of Pakistan. *Nordic Journal of Botany*, e03644 **(Impact Factor 0.931)**
<https://doi.org/10.1111/njb.03644>
29. Ammara Dar and **Arooj Naseer**. (2022). Book Chapter **Recent Applications of Bioremediation and Its Impact** in Hazardous Waste Management, ISBN 978-1-80355-379-5
<http://mts.intechopen.com/articles/show/title/recent-applications-ofbioremediation-and-its-impact>
28. **Arooj Naseer**, Sana Jabeen, Samia Khanum, Bushra Waseem and Abdul Nasir Khalid (2022). *Lepiota lilacea* from Pakistan. *Chiang Mai Journal of Science*. 49(3): 693-700. **(Impact Factor 0.523)** <https://doi.org/10.12982/CMJS.2022.054>

27. Muhammad Binyamin Khan, **Arooj Naseer**, Fauzia Aqdu, Muhammad Ishaq, Muhammad Fiaz and Abdul Nasir Khalid. (2022). *Inocybe quercicola* sp. nov. (Agaricales, Inocybaceae), from Pakistan. Microbial Biosystems 6(2), (**Impact Factor 0.8**) <https://doi.org/10.21608/mb.2022.109930.1047>
26. Samina Sarwar, **Arooj Naseer** and Abdul N. Khalid. (2021). *Cyanoboletus macroporus* (Boletaceae), a new bolete species from Pakistani forests. Karstenia, 59 (1–2), 78–87 (**Impact Factor 1.08**) <https://doi.org/10.29203/ka.2021.512>
25. Aignon H Aignon, Acar I, **Arooj Naseer** and Yorou SN. (2021). State of knowledge on the diversity, phylogeny and distribution of Inocybaceae in Africa. Asian Journal of Mycology 4(2): 56–66 (2021) (**Impact Factor 2.03**) <https://doi.org/10.5943/ajom/4/2/6>
24. **Arooj Naseer**, Naveed Davoodian, Munazza Kiran and Abdul Nasir Khalid (2021). *Butyriboletus parachinarensis* from Pakistan. Persoonia by Crous et al, 46, in Fungal Planet description sheets: 1182–1283: 313 – 528 (**Impact Factor 11.051**) <https://doi.org/10.3767/persoonia.2021.46.11>
23. **Arooj Nasser**, Samina Sarwar, Muhammad Usman and Abdul Nasir Khalid. *Suillus quercinus* (Suillaceae), a new bolete species from Pakistani forests. FUSE 7. (**Impact Factor 0.957**) <https://doi.org/10.12905/0380.sydwia73-2021-0271>
22. Shah Hussain, **Arooj Naseer**, Ishtiaq Ahmad, Najam-Ul-Sehar Afshan and Abdul Nasir Khalid. *Melanustilospora ari* (Basidiomycota) A new report of smut fungi for Pakistan. FUSE 7. (**Impact Factor 0.957**) <https://doi.org/10.12905/0380.sydwia73-2021-0271>
21. Hyppolite L. Aignon, **Arooj Naseer**, Azize A. Boukary and Nourou S. Yorou (2021). Inocybaceae and affiliated taxa from West Africa. Moroccan Journal of Agricultural Sciences.2 (1): 9-13. (**Impact factor: 2.525**)
20. Hyppolite L. Aignon, Sana Jabeen, **Arooj Naseer**, Nourou S. Yorou and Martin Ryberg. (2021). Three new species of *Inosperma* (Agaricomycetes,

Inobaceae). MycoKeys 77: 97–116. **(Impact factor: 2.984)**

<https://doi.org/10.3897/mycokeys.77.60084>

19. Hyppolite L. Aignon, **Arooj Naseer**, P. Brandon Matheny, Nourou S. Yorou and Martin Ryberg. (2021). *Mallocybe africana* (Inocybaceae), the first species of *Mallocybe* described from Africa. Phytotaxa 478 (1): 049–060 **(Impact Factor 1.171)** <https://doi.org/10.11646/phytotaxa.478.1.3>

18. Sana Jabeen, **Arooj Naseer** and Abdul Nasir Khalid. (2020). *Russula rubricolor* sp. nov. from Himalayan forests of Pakistan. Mycotaxon, 135 (4): 763–774 **(Impact Factor 0.538)** <https://doi.org/10.5248/135.763>

17. **Arooj Naseer**, Isaac Garrido-Benavent, Junaid Khan, Josep Ballarà, Rafael Mahiques and Abdul Nasir Khalid. *Cortinarius pakistanicus* and *C. pseudotorvus*: two new species in oak forests in the Pakistan Himalayas. Mycokeys 74: 91–108. **(Impact Factor 2.525)** <https://doi.org/10.3897/mycokeys.74.49734>

16. **Arooj Naseer**. Book review ‘Lichen Study Guide for Oklahoma and Surrounding States’ by Sheila A. Strawn. 2017. ISBN: 978-1-889878-55-3. Flexibound US\$25; 80 pp. Botanical Research Institute of Texas Press, Fort Worth, TX published in Plant Science Bulletin. (page 162). **(Impact Factor 3.407)** <https://cms.botany.org/file.php?file=SiteAssets/publications/psb/issues/PSB-202066-2.pdf>

15. Abdul Nasir Khalid and **Arooj Naseer**. *Amanita pseudovaginata* from Pakistan. World Journal of Biology and Biotechnology, 5(3), 19-21 **(Impact Factor 2.36)**

14. **Arooj Naseer**, Seemab Asghar, Rubab Khurshid, Abdul Rehman Niazi and Abdul Nasir Khalid (2019). The Genus *Otidea* (Pezizales, Pyronemataceae) from Pakistan. Sylwan, 163 (10) 145–155 **(Impact Factor 0.691)** http://sylwan.ibles.org/syl/journals/published/1570158488_HBy83.pdf

13. Muhammd Ishaq, **Arooj Naseer**, Muhammad Fiaz and Abdul Nasir Khalid **(2019)**. *Amanita subjunquillea* (Amanitaceae), a lethal mushroom and its

ectomycorrhizal associate, newly reported from oak forest of Buner, Pakistan. *Mycotaxon*, 134(3), 413–423. <https://doi.org/10.5248/134.413> (**Impact Factor 0.815**) <https://doi.org/10.5248/134.413>

12. **Arooj Naseer**, Samia Ghani, Abdul Rehman Naizi and Abdul Nasir Khalid (2019). First record of *Inocybe caroticolor* (*Inocybaceae*) from oak forests of Pakistan. *Mycotaxon*, 134(2), 241–251. <https://doi.org/10.5248/134.241> (**Impact Factor 0.815**) <https://doi.org/10.5248/134.241>

11. **Arooj Naseer**, Abdul Nasir Khalid, Rosanne Healy and Matthew E. Smith. (2019). Two New Species Of *Hygrophorus* From Temperate Himalayan Oak Forests Of Pakistan. *Myckeys* 56, 33–47 (**Impact Factor 3.62**) <http://10.3897/mycokeys.56.30280>

10. **Arooj Naseer**, Samina Sarwar, Abdul Nasir Khalid, Rosanne Healy and Matthew E. Smith (2019). *Hortiboletus kohistanensis* (Boletaceae), a new bolete species from temperate and subalpine oak forests of Pakistan. *Phytotaxa* 388 (3): 239–246. (**Impact Factor 1.185**) <https://doi.org/10.11646/phytotaxa.388.3.3>

9. Naveed Davoodian, Sarah E. Bergemann, Kentaro Hosaka, Olivier Raspé, Neale L. Bougher, Nigel A. Fechner, Terry W. Henkel, Matteo Gelardi, Kasem Soyong, **Arooj Naseer**, Beatriz Ortiz-Santana, Timothy J. Baroni, Eiji Nagasawa, Matthew E. Smith and Roy E. Halling (2018): A global view of *Gyroporus*: molecular phylogenetics, diversity patterns, and new species, *Mycologia*, 110 (5) 985–995 (**Impact Factor 2.866**) <https://doi.org/10.1080/00275514.2018.1511339>

8. **Arooj Naseer** and Abdul Nasir Khalid (2018). A New Record of Genus *Craterellus*, Edible Basidiomycotous Fungus from Pakistan. *Saudi Journal of Medical and Pharmaceutical Sciences*, 656-659. (**Impact Factor 1.21**) <https://doi10.21276/sjmps.2018.4.6.2>

7. Munazza Kiran, Junaid Khan, **Arooj Naseer**, Hassan Sher and Abdul Nasir Khalid. (2017). *Amanita pallidrosea* in Pakistan and its ectomycorrhizal association with *Quercus oblongata*. *Mycotaxon*, 132(4): 799–811
(**Impact Factor 0.815**) <https://doi.org/10.5248/132.799>

6. Junaid Khan, Hassan Sher, **Arooj Naseer**, Abdul Nasir Khalid (2017). *Descolea quercina* (Basidiomycota, Bolbitaceae), a new species from moist temperate forests in Pakistan. *MycosKey*, 27: 65-76. (**Impact Factor 3.269**)
<https://doi.org/10.3897/mycokeys.27.14730>

5. **Arooj Naseer**, Abdul Nasir Khalid and Abdul Rehman Niazi (2017). *Phylloporus brunneiceps* from Pakistan. *Mycotaxon*, 132: 685–693. (**Impact Factor 0.815**)
<https://doi.org/10.5248/132.685>
4. **Arooj Naseer**, Abdul Nasir Khalid and Matthew E Smith. (2017). A new species of *Inocybe* (Agaricomycetes, Inocybaceae) in the *Inosperma* clade from Pakistan, *Mycotaxon*, 132: 909–918 (**Impact Factor 0.815**)
<https://doi.org/10.5248/132.909>

3. Amara Dar, Umer Shafique, Jamil Anwar, Waheed-ul-Zaman and **Arooj Naseer** (2016). A simple spot test Quantification method to determine formaldehyde in aqueous samples. 2016. *Journal of Saudi Chemical Society*, 20, 352–356. (**Impact Factor 5.66**)
<http://dx.doi.org/10.1016/j.jscs.2012.12.002>
2. Umer Shafique, Jamil Anwar, Munawar Ali Munawar, Waheed-uz Zaman, Rabia Rehman, Amara Dar, Muhammad Salman, Maria Saleem, Naeema Shahid, Mehwish Akram, **Arooj Naseer**, Nadia Jamil. (2016). Chemistry of ice: Migration of ions and gases by directional freezing of water. *Arabian Journal of Chemistry*, 9, 47–53. (**Impact Factor 2.887**) <http://doi:10.1016/j.arabjc.2011.02.019>
1. **Arooj Naseer**. (2011). Book review: ‘Plants in Mesozoic Time: Morphological Innovations, Phylogeny, Ecosystems. *Plant Science Bulletin*, 57 (4), 171–172. (**Impact Factor 3.407**)