

**List of Publications**  
**(Impact Factor = 64.666)**

**(SUBMITTED)**

74. Hussain, S., **Afshan, N.S.**, Khan, J., Ahmad, I., Ahmad, H., Sher, H. (2021). *Cantharocybe lactarioides*: a new species in the genus *Cantharocybe*, ***Plant Systematics and Evolution*** (submitted) (Impact Factor: **1.328**)
73. Anwar, A., **Afshan, N. S.**, and Sirajuddin (2021). Morphological and molecular identification of Powdery Mildew of *Erigeron canadensis* caused by *Podosphaera erigerontis-canadensis* from Pakistan, ***Forest Pathology*** (submitted) (Impact Factor: **1.196**)

**(PUBLISHED)**

**YEAR 2021**

72. **Afshan, N.S.**, Zafar, I., Yaseen, A., Riaz, M., Niazi, A.R. (**2021**). First Report of Powdery Mildew caused by *Podosphaera fusca* on *Tarlmounia elliptica* in Pakistan, ***Plant Disease*** (Impact Factor: 3.809)
71. Hussain, S., Khalid, A.N., **Afshan, N.S.**, Ahmad, I., Naseer, A., Muhammad, S., Sher, H. (2021). *Melanostilospora ari* (Basidiomycota) a new report of smut fungi for Pakistan: Fungal Systematics and Evolution. – ***Sydowia*** (accepted). (Impact Factor: 0.800)
70. **Afshan\*, N.S.**, Yaseen, A., Niazi, A.R., Zulfiqar, A., Riaz, A., Qurra-tul-Ain, Riaz, M., Fiza, I. (**2021**). MORPHOLOGICAL AND MOLECULAR CHARACTERIZATION OF *GOLOVINOMYCES AMBROSIAE* ON SUNFLOWER (*HELIANTHUS ANNUUS*) IN PAKISTAN, WITH ITS IMPACT ON PLANT METABOLITES AND RELATIVE MYCORRHIZAL STATUS, ***Journal of Plant Disease and Protection*** (in review) (Impact Factor: **1.526**).
69. Riaz, M., **Afshan\*, N.S.**, Ishaq, A., Khalid, A. N. (**2021**). FIRST REPORT OF *ERYSIPHE PRUNASTRI* VAR. *PRUNASTRI* ON APPLE TREES IN PAKISTAN, ***Pak. J. Bot.***, (accepted) (Impact Factor: **0.800**)
68. Hussain, S., **Afshan, N.S.**, Khan, J., Ahmad, H., Sher, H., and Khalid, A.N. (2021). *Coprinopsis hispidus*: a new coprinoid species from lowland Northern

Pakistan, *Nordic Journal of Botany*, (accepted) 10.1111/njb.03187 (**Impact Factor: 0.734**)

67. **Afshan\*, N.S.**, Majeed, J., Niazi, A.R., Khanum, S., Riaz, M., Fiaz, M. & Anjum, S. (2021). Morphological and Molecular characterization of *Erysiphe necator* var. *necator*, a potential fungal pathogen of Grapevines in Pakistan, *Biologia* (accepted) (HEC recognized, Y category).
66. Ishaq, M., Ishaq, A., **Afshan, N. S.**, Fiaz, M. and Khalid, A. N. (2021). First Report of the Rust disease caused by *Puccinia crepidis-japonicae* on new host *Sonchus arvensis* from Pakistan, *Plant Disease* [10.1094/PDIS-12-20-2596-PDN](https://doi.org/10.1094/PDIS-12-20-2596-PDN) (**Impact Factor: 3.809**)

#### YEAR 2020

65. Haelewaters D., Dima B., Abdel-Hafiz B.I.I., Abdel-Wahab M.A., Abul-Ezz S.R., Acar I., Aguirre-Acosta E., Aime M.C., Al-demir S., Ali M., Ayala-Vásquez O., Bakhit M.S., Bashir H., Battistin E., Bendiksen E., Castro-Rivera R., Çolak Ö.F., De Kesel A., de la Fuente J.I., Dizkırıcı A., Hussain S., Jansen G.M., Kaygusuz O., Khalid A.N., Khan J., Kiyashko A.A., Larsson E., Martínez-González C.R., Morozova O.V., Niazi A.R., Noordeloos M.E., Pham T.H.G., Popov E.S., Psurtseva N.V., Schoutteten N., Sher H., Türkekul I., Verbeken A., Ahmad H., **Afshan N.S.**, Christe P., Fiaz M., Glaiizot O., Liu J., Majeed J., Markotter W., Nagy A., Nawaz H., Papp V., Péter Á., Pfliegler W.P., Qasim T., Riaz M., Sándor A.D., Szentiványi T., Voglmayr H., Yousaf N. & Krisai-Greilhuber I. (2020): Fungal Systematics and Evolution 6. – *Sydowia* 72: 271–296. (Impact Factor: 0.800)
64. Anwar, A., **Afshan, N. S.**, Ishaq, A., Riaz, M., Khalid, A. N. and Sirajuddin (2020). First Pakistani report of *Erysiphe betae* on the invasive weed *Chenopodium ambrosioides*, *Mycotaxon* 135: 649–655. (Impact Factor: **0.538**)
63. **Afshan, N. S.**, Anwar, A., Riaz, M., Sirajuddin and Khalid, A. N. (2020). *Urocystis piptatheri* sp. nov. (Urocystaceae), a new species of smut fungus on *Piptatherum laterale* (Poaceae) from Pakistan *Phytotaxa* 442 (2): 080–088. <http://dx.doi.org/10.11646/phytotaxa.442.2.3> (**Impact Factor: 1.168**)
62. **Afshan, N. S.** Riaz, M. and Saqib, A. (2020). *Aecidium peristrophes*, a new record for Pakistan, *Mycotaxon* 135: 275–280 (**Impact Factor: 0.538**)

61. Anwar, A., **Afshan, N. S.**, Ishaq, A., Liaqat, N. and Sirajuddin (2020). First Report of Powdery mildew Caused by *Podosphaera erigerontis-canadensis* on *Erigeron bonariensis* in Pakistan, **Plant Disease** 104, Issue 9, pp 2521. <https://doi.org/10.1094/PDIS-08-19-1788-PDN> (Impact Factor: 3.809)
60. Riaz, M., **Afshan, N. S.**, Ishaq, A., Niazi, A.R., and Khalid, A. N. (2020). First Report of Powdery Mildew Caused by *Leveillula lappae* on *Tricholepis stewartei* in Pakistan, **Plant Disease** 104, Issue 2, pp 591. <https://doi.org/10.1094/PDIS-07-19-1387-PDN> (Impact Factor: 3.809)
59. **Afshan, N.S.**, U. Mujahid, Ishaq, A., & Khalid, A.N. (2020). First Report of Leaf spot of *Sarcococca saligna* caused by *Paraconiothyrium brasiliense* in Pakistan. **Journal of Plant Pathology** 102, page 561. DOI: 10.1007/s42161-019-00449-6 (Impact factor: 1.152)
58. Ishaq, A., Aime, M.C., Ayala, E.K., Sadiqullah, **Afshan, N. S.**, Fiaz, M., Niazi, A.R. and Khalid, A. N. (2020). First report of Asian Pistachio rust (*Pileolaria Castagne* a rare genus) in Pakistan. **Canadian Journal of Plant pathology**, 42 (2): 210-217. <https://doi.org/10.1080/07060661.2019.1647882>. (Impact Factor: 1.236)

#### YEAR 2019

57. Ishaq, A., **Afshan, N. S.**, Khalid, A. N. (2019). First report of *Melampsora dimorphospora* on white willow in Pakistan, **Journal of Plant Pathology**, 101, Issue 1, pp 197–197. <https://doi.org/10.1007/s42161-018-0147-2> (Impact factor: 1.152)

#### YEAR 2018

56. Hussain, S., Usman, M., **Afshan, N.S.**, Ahmad, H., Khan, J. and Khalid, A.N. (2018). The genus *Coprinellus* (Basidiomycota; Agaricales) in Pakistan with the description of four new species. **Myckeys**, 39: 41–61. (Impact factor: 3.269)
55. **Afshan, N. S.** (2018). REVIEW OF THE 11TH INTERNATIONAL MYCOLOGICAL CONGRESS (IMC11), 2018. **Ciencia, Ambiente y Clima**, 1(1): 71-73.
54. Ishaq, A., Saleem, S., **Afshan, N. S.**, Khalid, A. N. and Niazi, A. R. (2018). New reports of the plant pathogens *Aecidium viburni* and *Erysiphe viburni* on *Viburnum grandiflorum* from Pakistan. **Mycotaxon** (USA), 133:

- 551-557. <https://doi.org/10.5248/133.551> (Impact factor: 0.705)
53. 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 © TÜBİTAK doi:10.3906/bot-1705-21 (Impact factor: 1.600)
52. Hussain, S., Jabeen, S., Khalid, A.N., Ahmad, H., **Afshan, N.S.**, Sher, H. and Pfister, D.H. (2018). Underexplored regions of Pakistan yield five new species of *Leucoagaricus*. *Mycologia*, Mar-Apr: 110 (2): 387-400. DOI: 10.1080/00275514.2018.1439651 (Impact factor: 2.471)
51. 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. doi: 10.3897/mycokeys.30.21430 (Impact factor: 3.269)

#### YEAR 2017

50. Ishaq, A., **Afshan, N. S.** and Khalid, A. N. (2017). First report of the uredinial and telial states of *Puccinia heraclei* in Pakistan. *Journal of Plant Pathology*, 99 (3): DOI: 10.4454/jpp.v99i3.3964 (Impact factor: 1.267)
49. **Afshan, N. S.**, Khanum, S., Fiaz, M., Khalid, A. N., Niazi, A.R. (2017). *Euoidium vernoniicola*, a new report for Pakistan. *Plant Pathology & Quarantine* 7(2): 142-144.
48. Hussain, S., **Afshan, N. S.**, Habib, A., Khalid, A.N. and NIAZI, A.R. (2017). *Parasola malakandensis* sp. nov. (Psathyrellaceae; Basidiomycota) from Malakand, Pakistan. *Mycoscience* 58(2): 69-76. <http://dx.doi.org/10.1016/j.myc.2016.09.002> (Impact Factor: 1.014)
47. Fiaz, M., Habib, A., **Afshan, N.S.** and Khalid, A.N. (2017). New reports and host records of Rust fungi from Pakistan. *Bangladesh Journal of Botany* 46(1): 73-81. (Impact Factor: 0.233)
46. Ishaq, A., **Afshan, N. S.**, Niazi, A.R., Aime, M.C. and Khalid, A. N. (2017). First Report of Rust Caused by *Pucciniastrum guttatum* on *Galium* sp. from Pakistan, *Plant Disease*, 101 (1): 245. <http://dx.doi.org/10.1094/PDIS-04-16-0544-PDN> (Impact Factor: 3.173)

**YEAR 2016**

45. Usman, M., Ishaq, A., **AFSHAN, N.S.**, NIAZI, A.R., KHALID, A. N. (2016). Diversity and distribution of rust fungi causing plant diseases in Swat district, Khyber Pakhtunkhwa (KP), Pakistan. *Science International* (Lahore), 28(4), 3993-4000. (HEC Recognized, Y Category)
44. Usman, M., Sadiquillah, **AFSHAN, N.S.**, NIAZI, A.R. and KHALID, A. N. (2016). New host records for Pathogenic fungi in Pakistan, *Science International* (Lahore), 28(3): 3083-3087. (HEC Recognized, Y Category)
43. Hussain, S., **Afshan, N. S.** AND Habib, A. 2016. First record of *Parasola lilatincta* from Pakistan, *Mycotaxon* 131(2): 316-322. <https://doi.org/10.5248/131.317> (Impact Factor: 0.538)
42. Hussain, S., Yousaf, N., **Afshan, N. S.**, Niazi, A. R., Habib, A. and Khalid, A.N. (2016). *Tulostoma ahmadii* sp. nov. and *T. squamosum* from Pakistan. *Turkish Journal of Botany*, 40: 218-225. (Impact Factor: 1.047)
41. **Afshan, N. S.** (2016). New host records for *Puccinia graminis*, black stem rust, in Pakistan, *Science International* (Lahore), 28(3), 3089-3090. (HEC Recognized, Y Category)

**YEAR 2015**

40. Hussain, S., **Afshan, N. S.**, Habib, A. and Khalid, A.N. (2015). New Report of edible mushroom, *Pleurotus cystidiosus* from Pakistan. *Austrian Journal of Mycology* 24: 23-30.
39. HUSSAIN, S., AHMAD, H., **Afshan, N. S.**, and Khalid, A.N. (2015). New reports of Rust fungi from Malakand, Khyber Pakhtunkhwa, Pakistan, *Mycotaxon* 130 (3): 647-651. (Impact Factor: 0.705)
38. Niazi, A. R., **Afshan, N. S.** and Razzaq, A. (2015). Fungal diversity in World largest Man-made forest, Changa Manga, Pakistan. Published in proceeding of International Conference on Chemical, Agricultural and Biological sciences (cabs-2015) organized by Emirates association of Chemical, Biological and Environmental Engineers, held at Istanbul, Turkey, from 4<sup>th</sup>-5<sup>th</sup> September, 2015, PP. 174-179.
37. **Afshan, N. S.**, Ishaq, A., Niazi, A. R. and Khalid, A. N. (2015). Geographical distribution and host range of genus *Uromyces* (Pucciniaceae, Uredinales) in

Pakistan. Published in proceeding of International Conference on Chemical, Agricultural and Biological sciences (cabs-2015) organized by Emirates association of Chemical, Biological and Environmental Engineers, held at Istanbul, Turkey, from 4<sup>th</sup>-5<sup>th</sup> September, 2015, PP. 167-173.

36. **Afshan, N. S.**, Khalid and Niazi, A. R. (2015). New reports of rust fungi (Uredinales) from Sharan (Kaghan Valley), Pakistan, *Plant Pathology & Quarantine* 5(2), 35–42. Doi 10.5943/ppq/5/2/6.
35. FIAZ, M., Habib, A., **Afshan, N.S.** and Khalid, A.N. (2015). Some new records of *Uredinales* from Khyber Pakhtunkhwa (KP), Pakistan. *Mycotaxon* 130 (2): 569-575. (Impact Factor: 0.705)
34. Hussain, S., **Afshan, N. S.**, Habib, A. and KHALID, A. N. (2015). New Report of edible mushroom, *Termitomyces umkowaan* from Pakistan, *Sylwan* 159 (6): 185-197. (Impact Factor: 0.410)
33. Ishaq, A., **Afshan, N. S.** and Khalid, A. N. (2015). New host of *Puccinia coronata* var. *coronata* from Pakistan. Disease Note, *Journal of Plant Pathology* 97(1): 209-220. (Impact Factor: 1.038)

#### YEAR 2014

32. Sadiquillah, Ishaq, A., Fiaz, M., **Afshan, N.S.** and Khalid, A.N. (2014). A new report of *Uromyces ambiens* on box plant from Pakistan. *Mycotaxon* 129 (2): 429-432. (Impact Factor: 0.705)
31. **Afshan, N. S.** and Khalid, A. N. (2014). New Records of *Phragmidium* species from Pakistan. *Mycotaxon* 128: 63-70. (Impact Factor: 0.705)

#### YEAR 2013

30. Ishaq, A., **Afshan, N. S.** and Khalid, A. N. (2013). New Records of *Puccinia* on Poaceae from Khyber Pakhtunkhwa, Pakistan. *Mycotaxon* 126: 177-182. (Impact Factor: 0.643)
29. **Afshan, N. S.** and Niazi, A. R. (2013). Rust fungi on some poaceous weeds of wheat crops in Pakistan. *Indian Journal of Pharmaceutical & Biological Research* 1(4): 95-99.
28. **Afshan, N. S.** and Khalid, A. N. (2013). Checklist of the rust fungi on *Poaceae* in Pakistan. *Mycotaxon* 125: 17. (Impact Factor: 0.643)

27. Ishaq, A., Afshan, N. S. and Khalid, A. N. (2013). New reports of Cyperaceous rust fungi from Pakistan. *Mycotaxon* 125: 189-192. (Impact Factor: 0.643)

**YEAR 2012**

26. Afshan, N. S., Khalid, A. N., Iqbal, S. H. and Niazi, A. R. (2012). Some new Rust fungi (Uredinales) from Fairy Meadows, Northern areas, Pakistan. *Journal of Yeast and Fungal Research* 3(5): 65-73.
25. Afshan, N. S., Khalid, A. N. and Niazi, A. R. (2012). Rust fungi of Himalayan Moist Temperate forests of Pakistan, their diversity and distribution: An overview. In: Proceedings of 80<sup>th</sup> Annual meeting of Mycological Society of America 2012, Abstract published, *Inoculum*, a supplement to *Mycologia*, Newsletter of the Mycological Society of America, 63 (3): 7.
24. Afshan, N. S., Khalid, A. N. and Niazi, A. R. (2012). New records of *Puccinia* species on Poaceae from Pakistan. *Mycotaxon* 120: 407-413. (Impact Factor: 0.821)
23. Afshan, N. S., Khalid, A. N. and Niazi, A. R. (2012). Three new *Caecoma* species on *Rosa* spp. from Pakistan. *Mycotaxon* 120: 239-246. (Impact Factor: 0.821)

**YEAR 2011**

22. Ishaq, A., Afshan, N. S. and Khalid, A. N. (2011). New records of Poaceous rusts from Pakistan. *Mycotaxon* 118: 237-244. (Impact Factor: 0.709)
21. Saba, M., Khalid, A. N. and Afshan, N. S. (2011). Species of the Genus *Uromyces* (Link) Unger (Basidiomycota, Pucciniales) from Leepa valley, Azad Jammu & Kashmir (AJ & K) Pakistan. *African Journal of Biotechnology* 10(73): 16480-16483. (Impact Factor: 0.573)
20. Afshan, N. S., Iqbal, S. H., Khalid, A. N. and Niazi, A. R. (2011). Some additions to the Uredinales of Azad Jammu and Kashmir (AJ & K), Pakistan. *Pakistan Journal of Botany* 43(2): 1373-1379. (Impact Factor: 0.907)
19. Afshan, N. S., Khalid, A. N., Niazi, A. R. and Iqbal S. H. (2011). *Puccinia* species new to Azad Jammu & Kashmir, Pakistan, *Mycotaxon* 116: 175-182. (Impact Factor: 0.709)
18. Afshan, N. S., Khalid, A. N., Niazi, A. R. and Iqbal, S. H. (2011). New records of Uredinales from Fairy Meadows, Pakistan. *Mycotaxon* 115: 203-213. (Impact Factor: 0.709)

YEAR 2010

17. Khalid, A. N., Elahi, H. and **Afshan, N. S.** (2010). *Masseëlla flueggeae* on *Flueggea virosa*, a new record for Pakistan, ***Mycotaxon*** 114: 453-457. **(Impact Factor: 0.752)**
16. **Afshan, N. S.**, Khalid, A. N., Iqbal, S. H., Niazi, A. R. and Sultan, A. (2010). *Puccinia anaphalidis-virgatae*, a new species and a new variety of rust fungi from Fairy Meadows, Northern Pakistan, ***Mycotaxon*** 112: 483-490. **(Impact Factor: 0.752)**
15. **Afshan, N. S.**, Khalid, A. N. and Niazi, A. R. (2010). Three new species of rust fungi from Pakistan. ***Mycological Progress*** 9: 485-490. DOI 10.1007/s11557-010-0655-8. **(Impact Factor: 1.266)**
14. **Afshan, N. S.**, Iqbal, S. H., Khalid, A. N. and Niazi, A. R. 2010. A new anamorphic rust fungus with two new records of uredinales from Azad Kashmir, Pakistan, ***Mycotaxon*** 112: 451-456. **(Impact Factor: 0.752)**

YEAR 2009

13. **Afshan, N. S.**, Khalid, A. N., IQBAL, S. H., NIAZI, A. R. AND Sultan, A. (2009). *Puccinia subepidermalis* sp. nov. and new records of Rust fungi from Pakistan, ***Mycotaxon***, 110: 173–182. **(Impact Factor: 0.574)**
12. Iqbal, S. H., **Afshan N. S.**, Khalid A. N., Niazi A. R. and Sultan, A. (2009). Additions to the rust fungi of Fairy meadows, Northern Areas of Pakistan. ***Mycotaxon***, 109: 1-7. **(Impact Factor: 0.574)**
11. **Afshan N. S.** and Khalid A. N. (2009). New records of *Puccinia* and *Pucciniastrum* from Pakistan. ***Mycotaxon***, 108: 137-146. **(Impact Factor: 0.574)**
10. Khalid A. N. and **Afshan N. S.** (2009). Additions to the graminicolous Rust Fungi of Pakistan. ***Mycotaxon***, 108: 175–183. **(Impact Factor: 0.574)**

YEAR 2008

9. Iqbal, S. H., Khalid A. N., **Afshan N. S.** and Niazi A. R. (2008). Rust Fungi on *Saccharum* species from Pakistan. ***Mycotaxon***, 106: 219-226. **(Impact Factor: 0.549)**
8. **Afshan N. S.**, Khalid A. N. & Niazi A. R. (2008). New records and distribution of Rust fungi from Pakistan. ***Mycotaxon***, 105: 257-267. **(Impact Factor: 0.549)**



7. Afshan, N. S., Khalid, A. N. and Javed, H. (2008). Further additions to the Rust Flora of Pakistan. *Pakistan Journal of Botany* 40(3): 1285-1289. (Impact Factor: 0.470)
6. Afshan, N. S., Khalid, A. N. and Niazi, A. R. (2008). New records of Graminicolous Rust Fungi from Pakistan. *Pakistan Journal of Botany* 40(3): 1279-1283. (Impact Factor: 0.470)
5. Afshan N. S., Berndt, R., Khalid A. N. and Niazi A. R. (2008). New graminiocolous rust fungi from Pakistan. *Mycotaxon*, 104: 123–130. (Impact Factor: 0.549)
4. Afshan, N. S. and Khalid, A. N. (2008). New Rust Fungi on noxious Weeds from Pakistan. *Pakistan Journal of Phytopathology* 20 (1): 82-87.

#### YEAR 2007

3. Afshan N. S., Khalid A. N., Abbasi M. and Niazi A. R. (2007). New records of Rust fungi for Pakistan. *Mycotaxon*, 101: 233-237. (Impact Factor: 0.549)
2. Afshan, N. S., Khalid, A.N. and Niazi, A.R. (2004). New Mycorrhizas from Sakesar Hills, *Mycopath.* 1 (2): 100-104.
1. Afshan, N. S. (2003). Isolation and characterization of Ectomycorrhizae in pines of Skesar hills. M. Sc. Thesis, Department of Botany, University of the Punjab, Lahore.