

CURRICULUM VITAE

DR. FAZAL HADI

**Higher Education Commission - Pakistan (HEC) Approved PhD
Supervisor**

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📍 Present: Department of Botany, University of Peshawar, Pakistan.

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Birth date: 04th February, 1980

Gender: Male

Nationality: Pakistani

ADMINISTRATIVE EXPERIENCE

- Elected member, Academic Council, University of Peshawar, Pakistan.
- Member of Board of Studies, Department of Botany, Benazir Bhutto Women University Peshawar, Pakistan.
- Member of Board of Studies, Department of Weed Sciences and Botany, The Agriculture University, Peshawar, Pakistan.
- Member of Board of Studies, Department of Botany, Kohat University of Science and Technology, Kohat, Pakistan.
- Coordinator Bachelor Studies (BS) Program, Department of Botany, University of Peshawar, Pakistan.
- Focal Person of University of Peshawar for “Prime Minister of Pakistan Clean and Green Initiative Program”.
- Focal Person Department of Botany Alumni Association, University of Peshawar.
- Focal Person/Coordinator, Department of Botany, Community Services Program, University of Peshawar
- Incharge of the Establishment of Botanical Nursery at University of Peshawar.
- Expert member of Plantation committee, University of Peshawar.
- Member, BS-Botany Admission Committee, Department of Botany, University of Peshawar.
- Member Purchase Committee, Department of Botany, University of Peshawar.
- Vast experience of botanical expeditions, field trips and observations, development of herbarium specimen in Pakistan and abroad like USA, China, Turkey and Italy.

INTERNATIONAL CONFERENCES/SYMPOSIUM/TRAINING ATTENDED

1. Five (05)-days “Second Asian-African Youth Festival” organized by Government of **CHINA** in Beijing and Xi’an Provinces, 23-27 September, 2017.
2. Four (04)-days “ISEEP-2017 VIII. International Symposium on Ecology and Environmental Problems” organized by Canakkale Onsekiz Mart University, Canakkale, **TURKEY**, 04-07 October, 2017.
3. Five (05) days “International Food Festival” organized by Slow Food Organization and University of Gastronomic Sciences, Piazza Vittorio Emanuele 9, Frazione Pollenzo 12042 Bra (CN), **ITALY**. 20-24 September, 2018.
4. Transit visits/stay at **Istanbul, Abu-Dhabi, Sharjah, Munich, Dubai, Frankfurt, San Francisco**.

NATIONAL CONFERENCES/SYMPOSIUM/TRAINING ATTENDED

1. Three (03) days HEC workshop on "Training of Trainers in Plant Biodiversity" organized by Centre of Plant Biodiversity/Botanical Garden, University of Peshawar, Pakistan, from 23-25 November 2006.
2. Two (02) days HEC workshop on "Training of Trainers in Conservation strategies for Plant Biodiversity of Pakistan" organized by Centre of Plant Biodiversity/Botanical Garden, University of Peshawar, Pakistan, from 20-21 August 2007.
3. Three (03) days 3rd National Conference on "Role of Botanical Gardens in Biodiversity Conservation and sustainable management" held at Baragali Summer Campus organized by Centre of Plant Biodiversity/Botanical Garden, University of Peshawar, Pakistan, from 14-16 June, 2013.
4. Five (05) days training course on "Participatory Rural Appraisal" organized by Pakistan Academy for Rural Development Peshawar, Pakistan, from 21-25, June, 2010.
5. Fourteen (14) days training course on "Advanced Analytical Techniques for Sustainable Development" organized by Pakistan Institute of Nuclear Science & Technology (PINSTECH), Islamabad, Pakistan, from 20th September 1st October, 2010.
6. Three (03) days training course on "Natural Resource Management" organized by AHK National Centre for Rural Development and MA, Islamabad, Pakistan, from 17-19 May 2011.
7. Three (03) days Botanical Conference on "Role of Botanic Gardens in Conserving Natural Vegetation" organized by Pakistan Botanic Gardens Network, GC-University Lahore, Pakistan, from 2-4 February 2012.
8. Three (03) days Botanical Conference on "12th National and 3rd International Conference of Botany" organized by Pakistan Botanical Society at Quaid-e-Azam University Islamabad, Pakistan, from 1-3 September 2012.
9. Three (03) days Conference "5th International 12th National Conference of weed science" organized by Weed science society of Pakistan SBBU, Sheringal, Dir (Upper), Khyber Pakhtunkhwa" Pakistan, from 12-4 June 2015.
10. Three (03) days international conference "Major environmental constraints to plant: Assessments and reclamation" organised by Department of Botany, Government College University Faisalabad (GCUF), Pakistan, from 28-30 March, 2016.
11. Three (03) days Training on "Logic: Analytical and Critical Thinking" organized by Centre for Human Resource and Career Development, University of Peshawar, on 15th, 17th and 18th December, 2015.
12. Three (03) days Training on "Interactive Sessions on Effective Presentation" organized by Centre for Human Resource and Career Development, University of Peshawar, on 15th, 18th and 19th April, 2016.
13. Two (02) days workshop on "Project Formulation Workshop" organized by Pakistan Science Foundation (PSF) at The University of Agriculture, Peshawar, from 27-28 April, 2016.
14. Three (03) days international symposium "Biodiversity of Pakistan: Prospects and associated issues" organised by Department of Botany, University of Peshawar, Pakistan, at Baragali summer campus from 22-24 May, 2016.
15. Five (05) days training course on "Wood identification techniques and its role in wood based industries" organised by Pakistan Forest Institute (PFI)- Peshawar, from 17-21 April, 2017.
16. Three (03) days international conference "1st International Conference on climate change and Biodiversity" Cholistan Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur, Pakistan, from 02-04 May, 2017. Three (03) days 6th International and 15th National Conference on "Dynamic Trends in plant Science-Fostering Environment and Food Security" organised by Pakistan Botanical Society/Sardar Bahadur Khan Women University, Balochistan, Pakistan, from 09-11 May, 2017.
17. Three (03) days international symposium "Conservation Issues of Edible wild resources of Hindukush Himalayas" organised by Departments of Botany, Islamia College Peshawar & University of Peshawar, Pakistan, at Baragali summer campus from 21-24 July, 2016.
18. Three (03) days international symposium "Biodiversity of Pakistan: Prospects and associated issues" organised by Department of Botany, University of Peshawar, Pakistan, at Baragali summer campus from 22-24 May, 2016.
19. Five (05) days training course on "Wood identification techniques and its role in wood based industries" organised by Pakistan Forest Institute (PFI)- Peshawar, from 17-21 April, 2017.
20. Three (03) days international conference "1st International Conference on climate change and Biodiversity" Cholistan Institute of Desert Studies (CIDS), The Islamia University of Bahawalpur, Pakistan, from 02-04 May, 2017.
21. Three (03) days 6th International and 15th National Conference on "Dynamic Trends in plant Science-Fostering Environment and Food Security" organised by Pakistan Botanical Society/Sardar Bahadur Khan Women University, Balochistan, Pakistan, from 09-11 May, 2017.
22. Three (03) days international symposium "Conservation Issues of Edible wild resources of Hindukush Himalayas" organised by Departments of Botany, Islamia College Peshawar & University of Peshawar, Pakistan, at Baragali summer campus from 21-24 July, 2016.

23. Four (04) days international Conference “Plant Resources: Current trends, Challenges and Solution” organised by Departments of Botany, Islamia College Peshawar & University of Peshawar, Pakistan, from 23-26 March, 2018.
24. Four (04) days international symposium “Digitalization and Documentation of Plants Natural Resources in Chitral, Pakistan” organised by Department of Botany, University of Chitral, Pakistan, from 29th March to 02nd April, 2018.
25. One (01) day orientation workshop on “Implementation of community service activities in undergraduate programs, University of Peshawar” organised by Center for Human resources and career development, University of Peshawar, Pakistan, October 09th, 2018.
26. One (01) day Expo on “Technology Mediated Disaster risk reduction, climate change adaptation and sustainable development” organised by Mobilise Project Team, Center of Disaster Preparedness and Management, University of Peshawar, Pakistan, April 25th, 2019.
27. **GUEST OF HONOUR** in one (01) day Training on “climate change resilience and sustainable development in Pakistan” organised by UNDP and Directorate of Youth Affairs-KP, University of Peshawar, Pakistan, October 10th, 2020.
28. One (01) day session on “World Wetland Day” organised by UNDP and Directorate of Youth Affairs-KP, University of Peshawar, Pakistan, February 2nd, 2021.
29. Three (03) days 9th National Training Workshop on “Modern trends in research & information management: Tools and techniques” organised by Central Library, University of Peshawar and Pak-Austria Fachhochschule Institute of Applied Sciences & Technology, Haripur, Pakistan, February 11-13, 2025.
30. Three (03) days International Conference on “Nexus of climate change and DRR: Anticipatory actions” organised by Department of Geography, University of Peshawar at baragali Summer campus. August 01-03, 2025.

RESEARCH PUBLICATIONS

Year-2008

1. Hadi, F., Akhtar, S. M. Shah and F. Hussain. 2008. Ecological Characteristics of the Plants of Warsak dam, District Peshawar, Pakistan. PUTAJ Sciences. 15: 17-30.
2. Shah, S. M., F. Hadi and F. Hussain. 2008. A Check list of weeds of wheat fields of Palosi, District Peshawar, Pakistan. PUTAJ Sciences. 15: 09-16.

Year-2009

3. **Hadi, F.**, P. Akhtar, S. M. Shah and F. Hussain. 2009. Graveyard of Palosi, District Peshawar, Pakistan as an example of conservation of local Plants. PUTAJ Sciences. 15: 21-28.
4. **Hadi, F.**, M. Naseem, S. M. Shah, Asadullah and F. Hussain. 2009. Prevalence and ecological characteristics of summer weeds in crop and vegetable fields of Botanical Garden Azakhel, University of Peshawar, Pakistan. Pak. J. Pl. Sci., 15 (2): 101-105.
5. Hussain. F., S. M. Shah, **F. Hadi** and Asadullah. 2009. Diversity and Ecological Characteristics of weeds of wheat fields of University of Peshawar Botanical Garden Azakhel, District Nowshera, Pakistan. Pak. J. Weed Sci. Res. 15 (4): 283-294.
6. Hussain. F., Masud, S. M. Shah, **F. Hadi**, A. Zaman, and S. M. Wazir. 2009. some Blue Green Algae from rice fields of Asota Sharif, District Swabi, Pakistan. Pak. J. Pl. Sci., 15 (1): 45-57.

Year-2011

7. **Hadi, F.**, S. M. Shah, Asadullah, S. G. Ali and F. Hussain. 2011. Ecological characteristics of weeds in rice fields of Botanical Garden Azakhel, University of Peshawar, Pakistan. Pak. J. Pl. Sci., 17 (1): 51-54.
8. **Hadi, F.** and F. Hussain. 2011. The Plants Biodiversity mentioned in Holy Quraan. Int. J. Biol., Biotech., 8 (2): 305-311.
9. **Hadi, F.** and M. Ibrar. 2011. Animal preferences and palatability of vegetation of Kalash Valley, district Chitral, Hindukush Range, Pakistan. Int. J. Biol., Biotech., 15 (4): 783-788.

Year-2012

10. **Hadi, F.**, F. Hussain and M. Arif. 2012. Effect of different water treatments on growth behaviour of Cowpea (*Vigna unguiculata* subsp. *Unguiculata* (L.) Walp.). J. Scientific Research and Review. 1 (1):1-6.
11. **Hadi, F.**, F. Hussain and M. Arif. 2012. Growth performance and comparison of Cowpea under different NaCl salinity stresses. Greener Journal of Physical Sciences. 2 (1): 018-023.
12. **Hadi, F.**, M. Arif and F. Hussain. 2012. Response of Dual Purpose Barley to rates and methods of nitrogen application. ARPN. J. Agri. Biol. Science. 7 (7): 533: 540.
13. **Hadi, F.**, F. Hussain and M. Arif. 2012. Effect of different nitrogen levels and cutting on growth behavior of dual-purpose barley. Scholarly Journal of Agricultural Science. 2(10): 263-268.

Year-2013

14. **Hadi, F.** 2013. Effect of some ecophysiological stresses on germination behaviour of *Caesalpinia pulcherrima* (L.) Swartz. Greener Journal of Agricultural Science. 3(6): 433-436.

15. **Hadi, F.**, A. Razzaq, Ghias Ali and A. Rashid. 2013. Allelopathic potential of *Desmostachya bipinnata* (L.) P. Beauv. on wheat varieties (Ghaznavi and Tatar). *Scholarly Journal of Agricultural Science*. 3(8): 313-316.
16. **Hadi, F.**, A. Razzaq, A. Rehman and A. Rashid. 2013. Ethnobotanical notes on woody plants of Rech Valley, Torkhow, District Chitral, Hindu-Kush range, Pakistan. *Scholarly Journal of Agricultural Science*. 3(11): 468-472.
17. **Hadi, F.** and M. Ibrar. 2013. Ethnobotany and conservation status of non-flowering plants of Kalash valley, district Chitral, Hindukush range, Pakistan. *J. Sc. & Tech. Univ. Peshawar*. 37 (2): 1-6.

Year-2014

18. **Hadi, F.**, M. Ibrar and N. Zaidi. 2014. Role of Dag Behsud graveyard in conservation of indigenous medicinal flora of district Nowshera, Pakistan *Scholarly Journal of Agricultural Science*. 4(2):87-89.
19. **Hadi, F.**, S. Naila, M. Ibrar, Barkatullah and A. Rashid. 2014. Allelopathic impact of *Phragmites karka* on seed germination and radical and plumule growth of wheat variety sirin-2007. *Scholarly Journal of Agricultural Science*. 4(6):356-360.
20. **Hadi, F.**, A. Rahman, M. Ibrar, G. Dastagir, M. Arif, K. Naveed and M. Adnan. 2014. Weed diversity with special reference to their ethnomedicinal uses in wheat and maize at Rech valley, Hindokush range, Chitral, Pakistan. *Pak. J. Weed Sci. Res.*, 20(3): 335- 346.
21. **Hadi, F.**, S. Naila, L. Badshah, M. Ibrar and M. Arif. 2014. Allelopathic Potential of Powder Material of *Phragmites Karka* (Retz.) Ex Trin. Steud on Growth and Yield of Wheat. *American-Eurasian J. Agric. & Environ. Sci.*, 14 (11): 1196-1200.
22. **Hadi, F.** and M. Ibrar. 2014. Ethnobotanical profile of Gymnospermic flora of Kalash valley, district Chitral, Hindu-kush range, Pakistan. *American-Eurasian J. Agric. & Environ. Sci.*, 14 (12): 1405-140.
23. Shah, S. M., A. Ullah and **F. Hadi**. 2014. Ecological characteristics of Weed flora in the wheat crop of Mastuj valley, district Chitral, Khyber Pakhtunkhwa, Pakistan. *Pak. J. Weed Sci. Res.*, 20(4): 479-487.

Year-2015

24. Razzaq, A., **F. Hadi**, A. Rashid, M. Ibrar and U. Ali. 2015. Exploration of Medicinal Plants and their Conservation Status at Higher Altitude of District Shangla, Khyber Pakhtunkhwa, Pakistan. *American-Eurasian J. Agric. & Environ. Sci.*, 15 (3): 328-331.
25. **Hadi, F.** and M. Ibrar. 2015. Ecology of weeds in wheat crops of Kalash Valley, District Chitral, Hindukush range, Pakistan. *Pak. J. Weed Sci. Res.*, 21(3): 425-433.
26. **Hadi, F.** and M. Ibrar. 2015. Weeds as a source of medicines for the descendants of Alexander the great in Kalash valley, district Chitral, Hindukush range, Pakistan. *Pak. J. Weed Sci. Res.*, 21(4): 565-574.

Year-2016

27. U. Ali, I. Begum, A. Razzaq, A. Rashid, **F. Hadi** and I. Khan. 2016. Diversity and seasonal variations of fresh water algae in Lund Khwar, district Mardan, Khyber Pakhtunkhwa Pakistan. *Pak. J. Weed Sci. Res.* 22(1): 183-195.
28. Samreen, U., M. Ibrar and **F. Hadi**. 2016. Nutritional analysis of some selected fodder plants of Darazinda area, FR D.I. Khan, Subtropical range, Pakistan. *American-Eurasian J. Agric. & Environ. Sci.*, 16 (3): 543-549. (ISI-Indexed).
29. Sarah, S., M. Ibrar and **F. Hadi**. 2016. Effect of Arbuscular Mycorrhizal Fungi (AMF) on Fatty Acid contents of selected Sunflower (*Helianthus annuus* L.) hybrids under various levels of Rock Phosphate. *American-Eurasian J. Agric. & Environ. Sci.*, 16 (4): 719-728.
30. **Hadi, F.**, H. Bibi, A. Razzaq, A. Iqbal and G. Ali. 2016. Allelopathic effect of *Cucumis melo* sub-species *agrestis* variety *Agrestis* on wheat. *Pak. J. Weed Sci. Res.* 22(3): 471-480.
31. Wazir, N.A.K., A. Razzaq, A. Rashid, U. Ali, **F. Hadi** and A. Iqbal. 2016. Study of Stomatal Complexes and Appendages of Some Members of Family Bignoniaceae. *Journal of Chemical, Biological and Physical Sciences*. 6(3): 821-827.
32. **Hadi, F.** and M. Ibrar. 2016. Fruit plant diversity with special reference to their medicinal uses in the historical Kalash valley, district Chitral, Hindukush range, Pakistan. *J. Sc. & Tech. Univ. Peshawar*. 40 (1): 11-18.

Year-2017

33. Numan, M. K., **F. Hadi**, A. Razzaq and S. M. Shah. 2017. Utilitarian aspects of weeds and their ecological characteristics in ochawala valley, district Charsadda, Pakistan. *ARP. J. Agri. Biol. Science*. 12 (5): 533-540.
34. **Hadi, F.** and M. Ibrar. 2017. Grass Diversity in the historical Kalash Valley, District Chitral, Hindukush Range, Pakistan. *Pak. J. Sci. Ind. Res. Ser. B: Biol. Sci.* 60(2) 63-68.

Year-2018

35. Khan, M.N., **F. Hadi**, M. Bibi, N. Khan and S.M. Shah. 2018. Utilitarian Aspects of weeds of wheat fields in Charbagh Valley, District Swat, Pakistan. *Specialty Journal of Agriculture Sciences*. 4 (3): 1-8.
36. Sohail, A., H. Rehman, Q. Hussain, **F. Hadi**, W. Khan, M.A. Khan, M. Asad, Z. Yousafzai, and S. Uddin. 2018. Improvement in CIMMYT maize population CZP-132011 through recurrent selection using HALF SIB families. *ARP. J. Agri. Biol. Science*. 13 (9): 92-97.

37. Sohail, A., S. Shah, Farhatullah, I. H. Khalil, T. Burni and **F. Hadi**. 2018. Combining ability studies of biochemical traits in intra and interspecific crosses of Brassica. *Pure Appl. Biol.* 7 (2): 840-852.
38. Khan, M.N., N. Khan, **F. Hadi**, S.M. Shah and A. Razzaq. 2018. Ecology of Riparian vegetation of Lund Khuwar, District Mardan, KP, Pakistan. *Natural Products: An Indian Journal*. 14 (1): 1-13.
39. Zill-e-Huma, M. Ibrar, **F. Hadi**, Barkatullah and M.K. Gigyani. 2018. Phytochemical screening and in vitro anti-oxidant activities of *Ehretia serrata* Roxb. and *Ehretia obtusifolia* Hochst. *Ex A. DC (Family: Boraginaceae)*. *Int. J. Biosciences*. 12 (5): 221-234.
40. Sohail, A., Q. Hussain, S. Ali, Manzoor, **F. Hadi**, S. Uddin, F. Bashir, M. Asad, S. Sami and Z. Yousafzai. 2018. Evidence of improving yield and yield attributes Via Half-sib family Recurrent selection in maize (*Zea mays* L.). *Int. J. Curr. Res. BioSci. Plant Biol.* 5 (12): 45-56.
41. Sohail, A., H. Rehman, Q. Hussain, **F. Hadi**, U. Ullah, W. Khan, M.A. Khan, M. Asad, Z. Yousafzai, S. Sami and S. Uddin. 2018. Genetic variability, Heritability and Correlation studies in Half SIB recurrent families of CIMMYT maize population CZP-132011. *ARPN. J. Agri. Biol. Science*. 13 (10): 106-112.
42. Khan, M.N., A. Razzaq, **F. Hadi**, N. Khan, A. Basit, F. Jan and N. Khan. 2018. Ethnobotanical profile of weed flora of district Charsadda, Khyber Pakhtunkhwa. *RADS J. Biol. Res. Appl. Sci.*, 9 (1): 14-23.
43. Iqbal, A., A. Razzaq, **F. Hadi**, M. Nisar, M. Ozturk and V. Altay. 2018. Assessment of genetic diversity among hybrid Pea lines (*Pisum sativum* L.) as revealed by random amplified polymorphic DNA (RAPD) Markers. *Fresenius Environmental Bulletin*. 27 (10): 6447-6453.

Year-2019

44. Sohail, A., S.M.A. Shah, A. Ali, Q. Hussain, S. Ali, Manzoor T. Burni and **F. Hadi**. 2019. Genetic variability and traits association among mungbean (*Vigna radiata*) genotypes under rainfed condition. *Pure Appl. Biol.*, 8 (1): 215-221.
45. Ehsan, M, M. Ibrar, G. Jelani, S.A. Khan and **F. Hadi**. 2019. Morpho-anatomical studies of *Monothea buxifolia* (Falc.) A. DC. (Sapotaceae). *Int. J. Biosciences*. 14 (3): 299-307.
46. S. A. Khan, **F. Hadi**, M. Ibrar and U. Samreen. 2019. Indigenous utilization of Plant Biodiversity in Malakkheil-Kotkay village, District Shangla, Pakistan. *Pak. J. Sci. Ind. Res. Ser. B: Biol. Sci.* 62B (1) 15-23.
47. Asad, M., N. Ahmad, A. Sohail, J. Sher, T. Burni, **F. Hadi**, Z. Yousafzai and Salahuddin. 2019. In Vitro Callus induction and Plantlet regeneration of sesame (*Sesamum indicum* L.). *Pure Appl. Biol.* 8 (2): 1307-1313.
48. Khan, M.N., **F. Hadi**, M. Bibi, N. Khan and S. M. Shah. 2019. Utilitarian aspects of Weeds of wheat fields in Charbagh Valley, District Swat, Pakistan. *Pak. J. Weed Sci. Res.*, 25(1): 37-48.
49. Jan, F., **F. Hadi**, F. Asad, S. Ali, M.N. Khan, M. Ibrahim and A. Zaman. 2019. Floristic composition, utility and diversity of plants of ghoriwala, District Bannu, KP, Pakistan. *International J. Botany studies*. 4 (5): 22-32.
50. Sheikh, F., A. Sohail, T. Burni, **F. Hadi**, M. Asad. A. Aziz, M. Maryam and Z. Rahman. 2019. Impact of half-sib family recurrent selection on grain yield in maize population ZM-309. *Pure Appl. Biol.*, 8 (4): 2399-2408.
51. **Hadi, F.**, M. Ibrar and O. Kilic. 2019. Floristic Diversity and Ecological characteristics of Historical Kalash Valley, Pakistan. *Central European J. Bot.* 5 (1): 03-21.
52. Gul, B., Z. Haq, S. M. Shah, S. M. Khan, A. Rehman, J. Iqbal, **F. Hadi**, Abdullah, S. Rashid and B. Din. 2019. Ethnoveterinary practices used for the treatment of different ailments in District Swabi, Khyber Pakhtunkhwa, Pakistan. *Global Veterinaria* 21 (2) 82-92.

Year-2020

53. Naila, S., M. Ibrar, **F. Hadi** and M.N. Khan. 2020. Pharmacognostic Evaluation of *Oxalis pes-caprae* L. (Family Oxalidaceae). *Sarhad Journal of Agriculture*, 36(1): 70-80.
54. Shah, S. N., M. Ahmad, M. Zafar, **F. Hadi**, M.N. Khan, A. Noor, K. Malik, A. Kamal and M. Iqbal. 2020. Spore morphology and leaf epidermal anatomy as a taxonomic source in the identification of *Asplenium* species from Malakand division Pakistan. *Microsc. Res. Tech.* 83: 1354-1368.
55. Ehsan, M., M. Ibrar, **F. Hadi**, Barkatullah. 2020. Pharmacognostic and Physico-chemical Standardization of *Monothea buxifolia* (Falc.) A. DC. *Pak. J. Sci. Ind. Res. Ser. B: Biol. Sci.* 63B(2) 77-85.

Year-2021

56. Shah, S. N., M. Ahmad, M. Zafar, **F. Hadi**, M.N. Khan, A. Noor, K. Malik, N. Rashid, A. Kamal, M. Iqbal and M. Hassain. 2021. Application of spore morphology to solve identification problems in certain from Malakand division Pakistan. *Microsc. Res. Tech.* 84: 1-14.
57. Ahmad, A., A. Saeed, A.B. Gul Shan, S. Wali, **F. Hadi**, S. Ullah, Fazlullah, A.A. Sher, M. Rizwan and M. Rafiq. 2021. Prediction of soil seedbank of Piedmont and alluvial environment of Dera Ghazi Khan, Punjab, Pakistan. *Brazilian Journal of Biology*. 84: 1-8.

Year-2022

58. Naz, I., A. Gul, N. Shafqath, M. Islam, Y. Shakir, **F. Hadi**, T. Aziz. A. Basit, H. Gul and W. Ali. 2022. Effect of Integrated use of Chemical, Organic AND Biofertilizer on Growth of Spinach (*Spinacia Oleracea* L.). J. Xi'an Shiyou University, Natural Science Edition. 65 (9): 1-13.
59. Ullah, K., G. M. Shah, J. Alam, M. Hussain, A. Gul, **F. Hadi**, S. Firdous, A. Basit, G. Qadir and H. Ali. 2022. Taxonomic study of family Papilionaceae from ShishiKoh valley, District Chitral, Pakistan. Journal of Xi'an Shiyou University, Natural Science Edition. 18 (10): 92-98.
60. Gul, A, M. Jabeen, N. Shafqath, N. Jabeen, S.S. Lodhi, M. Sajid, **F. Hadi**, Asma, Z. Kainat. A. Basit and S.H. Imad. 2022. In vitro micro- propagation of *Chrysanthemum morifolium* Ramat. from stem nodal segments by direct morphogenesis and through callusing (organogenic and somatic embryogenic). Journal of Xi'an Shiyou University, Natural Science Edition. 18 (11): 799-810.

Year-2023

61. Ullah, H., **F. Hadi**, O. KILIC, K. Khan, S. Ullah, S. Ullah, A. Ahmad and S. S. Khan. 2023. Ethnomedicinal Plants study of Tehsil Loi Mamund, Bajaur Agency, Pakistan. Journal of Xi'an Shiyou University, Natural Science Edition. 19 (04): 36-47.
62. Khan, S., **F. Hadi**, U. Rabnawaz, F. Akhtar, A. Ullah and N. Uddin. 2023. Floristic composition and biological spectrum of Baranai valley, Madyan, District Swat, Pakistan. Journal of Xi'an Shiyou University, Natural Science Edition. 19 (12): 1025-1046.

Year-2024

63. Ali, S., H. Seema, Z. Khan, A. Din, **F. Hadi** and J. Wang. 2024. The nomenclature of three *Citrus* varieties collected in Pakistan and chemicals in essential oils from their peels. Pak. J. Bot., 56(2): 1-10.
64. **Hadi, F.**, U. Jamal, M.N. Khan, A. Razzaq, K. Hayat, F. Zaman, A. Kaplan, B. Ali, S. N. Shah, M. Iqbal, Abdullah, S. A. Razzak, S. Ercisli, Y. A. Alwesel and D. B. E. Darwish. 2024. Micromorphological Foliar Screening for identification of Moraceae Taxa using Light Microscopy (LM) and Scanning Electron Microscopy (SEM) Techniques. Pol. J. Environ. Stud. 33(4): 1-11.
65. **Hadi, F.**, A. Gul, Saqibullah, S. Noreen, G.M. Shah, O. Cilic and R. W. Bussmann. 2024. Indigenous utilization of medicinal plants in Kalasha tribes, District Chitral, Hindukush Range, Ethnobotany Research and Applications 27(4): 1-19.
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