

Books and Proceedings

1. Khan, W., S. M. Khan and **H. Ahmad**, 2018. Ethno-ecology, Human Health and Plants of the Thandiani Sub Forest Division, Abbottabad, KP, Pakistan. In *Plant and Human Health*. (1). 547-567). Springer, Cham.
2. **Ahmad, H.**, M. Öztürk, W. Ahmad and S.M. Khan. 2015. Status of Natural Resources in the Uplands of the Swat Valley Pakistan. *Climate Change Impacts on High-Altitude Ecosystems*. 49-98.
3. Khan, S. M. and **H. Ahmad**. 2015. Species Diversity and Use Patterns of the Alpine Flora with Special Reference to Climate Change in the Naran, Pakistan. *Climate Change Impacts on High-Altitude Ecosystems*, 155-175.
4. Khan, S.M., A. Zeb and **H. Ahmad**. 2014. Medicinal Plants and Mountains; Long-Established Knowledge in the Indigenous People of Hindu Kush. LAP Lambert Academic Publishing, ISBN: 978-3-639-32698-7.
5. **Ahmad, H.**, S. A. Khan, A. Khan, H. Derawadan and S. M. Khan. 2014. Yield performance of Hasnain-2013 a rapeseed variety developed for the temperate agroclimatic conditions of Pakistan. Proc. Turkey 5th Seed Congress October 19-23, 2014 Diyarbakır, Turkey. 50-55 pp.
6. Ahmad, H. (Ed.) 2014. 1st International Symposium on the Himalayas of Pakistan: resources and conservation issues. November 27-30, 2014, Hazara University Mansehra, Pakistan (organizer).
7. Ilyas, M., M. Alam and **H. Ahmad**. 2013. Bioethical Dilemmas in Pakistani Context: the government should know its responsibilities and should provide the necessary legal and regulatory frame work. LAP LAMBERT Academic Publishing. ISBN:3659496960.
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- 2) Tariq, M. 2017. Genetic analysis of the major tribes of Buner and Swabi area through dental morphology and DNA analysis. PhD thesis, Department of Genetics Hazara University, Mansehra, Pakistan.
- 3) Sadia, T. 2017. Y-STR hypotype diversity and mtDNA HVI sequence variation among major tribes of Charsada and Mardan District. PhD thesis, Department of Genetics Hazara University, Mansehra, Pakistan.
- 4) Sultan ul, D. 2016. Floristic study of phanerogams of Shangla District with special reference to conservation status of the threatened endemic taxa. PhD thesis, Department of Botany Hazara University, Mansehra, Pakistan.
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 - 9) Baig, D. 2016. Nutritional optimization as influenced by irrigation and planting methods in sunflower hybrid in relation to yield performance. PhD thesis, Department of Botany Hazara University, Mansehra, Pakistan. (co-supervisor).
 - 10) Afza, R. 2016. Phytosociological indicators for Pheasant's habitat use and Occurrence in Ayubia National Park. PhD thesis, Department of Botany Hazara University, Mansehra, Pakistan.
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 - 14) Masood, S., 2015. PhD thesis, Department of Horticulture, Agriculture University Peshawar, KPK, Pakistan. (co-supervisor).
 - 15) Ali, A. 2015. Molecular epidemiology of Dengue virus infection and full length characterization of prevalent genotypes in Pakistan. PhD thesis, Department of Genetics Hazara University, Mansehra, Pakistan.
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 - 18) Islam, M. 2015. Phenotypic and molecular characterization of the land races of pears cultivated in Northern Pakistan. PhD thesis, Department of Botany Hazara University, Mansehra, Pakistan.
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 - 20) Niaz, S. 2014. Analyseis of genetic variation in world collection of durum wheat (*Triticum durum*) using DNA and seed storage protein markers. PhD Thesis, Department of Botany, Hazara University, Mansehra.
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 - 22) Fiaz, M. 2012. Species diversity of Basidiomycetes of District Mansehra. PhD Thesis, Department of Botany, Hazara University, Mansehra.
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- supervisor).
- 24) Subhan, F. 2011. Conservation status of medicinal plants of Swat Valley. School of Biological Sciences. The University of Reading, UK (co-supervisor)..
 - 25) Gul, S. A. 2011. Molecular and phytochemical elaboration of Tea genotypes grown in Pakistan. PhD Thesis, Department of Genetics, Hazara University, Mansehra.
 - 26) Shah, A. H. 2010. Molecular and biochemical analyses of cross adaptation mechanism(s) for salt tolerance in rice (*Oryza sativa* L.) cell lines. PhD Thesis, IBGE, NWFP Agricultural University Peshawar (co-supervisor).

MPhil Supervised

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- 2) Ashraf, B. 2017. mtDNA mutations linked with non syndromic hearing loss in the patients of Swabi District. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 3) Karim, A. 2017. Medicinal plants resources and their indigenous uses in Samar Bagh area. MPhil thesis. Department of Botany Hazara University Mansehra.
- 4) Abbasi, A. 2016. Phytosociological variation in vegetation of surroundings of Balakot city Mansehra. MPhil thesis. Department of Botany Hazara University Mansehra.
- 5) Khan, M. A. 2016. Variation in the mitochondrial HVS-I and II regions in the Uthman Khail Tribe of District Dir. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 6) Khan, K. A. 2016. Variation in the Mitochondrial hyper variable sequence I and II of Tharkiani Tribe. MPhil thesis. Department of Zoology Hazara University Mansehra.
- 7) Ziaullah,. 2016. Phylogenetic analysis of some fleshy fungi of Swat District. MPhil thesis. Department of Genetics Hazara University Mansehra.
- 8) Bukhari, M. 2016. Study of variations in the mitochondrial HVSI and HVSII regions of Kohistani tribe of Swat. MPhil thesis. Department of Genetics Hazara University Mansehra.
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- 10) Ullah, N. 2016. Genetic Studies of Khalil Tribe of Peshawar through Dental Morphology and DNA analysis. MPhil thesis. Department of Genetics Hazara University Mansehra.
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- 12) Hussain, A. 2015. Prevalence of Hepatitis B and C viral infections in the young population of District Abbottabad. MPhil thesis. Department of Genetics Hazara University Mansehra.
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- 17) Ahmad, N. 2015. Study of dental morphology and *mt* DNA of Karlal tribe of Abbottabad. MPhil

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 - 25) Hussain, M. 2015. Spectrum of Mt DNA Mutations in the families with Myclonus epilasy from Abbotabad. MPhil thesis. Department of Genetics Hazara University Mansehra.
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- 54) Malik, M. A. 2013. Ecological study of fresh water algae of Swabi area. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
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- 56) Shafiullah. 2013. Morphogenetic characterization of Peacock races found in Pakistan. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
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 - 58) Farmanullah. 2012. Genetic analysis of leaf rust resistance using Molecular markers in *Triticum aestivum* L. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
 - 59) Hamid, F. 2012. Evaluation of maize gersomplasm for adaptability and yield parameters in the environment of Mansehra. MPhil Thesis, Department of Botany Hazara University, Mansehra.
 - 60) Hussain, S. 2012. Role of Fusarium in the wilting of *Psidium guajva* in Malakand. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
 - 61) Khan, F. A. 2012. Vitamin-D receptor polymorphisms and the breast cancer risk in Pakistani population. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
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 - 63) Shiasta, B. 2012. Identific tion of DNA based marker for the leaf rust resistance genes incorporated from wild relatives to the common wheat. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
 - 64) Tabassum, S. 2012. Genetic elaborations of some ethnic groups of Hazara through X chromosome specific markers. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
 - 65) Ullah, H. 2012. Improvement for quality and resistance to bacterial blight in rice. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
 - 66) Zubair, M. 2012. Genetic analysis in fish *Labeo rohita* and on *Chorynchus mykiss* using polymorphic DNA markers. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
 - 67) Ahmad, I. 2011. Evaluation of *Vernomia anthelimitica* for seed yield in the rainfed conditions of District Mansehra. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
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 - 70) Akber, K. 2011. Clinicopathological and molecular characterization of breast cancer recorded at Ayub Teaching Hospital Abbottabad. M. Phil Thesis, Department of Genetics, Hazara University, Mansehra.
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 - 74) Gul, A. 2011. Species diversity of archegoniate of Siran River catchment. M. Phil Thesis,

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- 75) Hamid, F. 2011. Evaluation of maize germplasm for adaptability and yield parameter in the environment of Mansehra. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
 - 76) Inamullah 2011. Hepatitis C virus genotypes circulating in Swat District Khyber Pakhtunkhwa. M. Phil Thesis, Department of Genetics, Hazara University.
 - 77) Iqbal, A. 2011. Reassessment of *Berberis* species from Kunhar River Catchment through Randomly Amplified Polymorphic DNA Analysis. M. Phil Thesis, Department of Botany, Hazara University, Mansehra.
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