

# Indian Journal of Traditional Knowledge

[http:// www.niscair.res.in](http://www.niscair.res.in)

VOLUME 19  
CODEN: IJTKB7

NUMBER 1

JANUARY 2020  
ISSN: 0972-5938 (Print)

## CONTENTS

An ethnobotanical research in Şanlıurfa central district and attached Villages (Turkey) Ömer Faruk Kaya, Mehmet Dağlı & Hatice Tosyagülü Çelik	7
‘DUS’ characterization of an endangered salt tolerant radish landrace ‘Newar’ Anshuman Singh, Ranjay K Singh, Jogendra Singh, Ankit Goswami, Arvind Upadhyaya & PC Sharma	24
Impact of farmer producer organization on organic chilli production in Telangana, India BH Manaswi, Pramod Kumar, P Prakash, P Anbukkani, Amit Kar, GK Jha, DUM Rao & V Lenin	33
The role of indigenous knowledge in adaptation to drought by agropastoral smallholder farmers in Uganda Mfitumukiza David, Barasa Bernard, Egeru Anthony, Mbogga S Michael, Wokadala James, Ahabwe Andrew, Kasajja Stephen, Namususwa Zakia & Nabatta Claire	44
Nutritional and grain quality characters correlation with yield components in different conventional land races and improved varieties for <i>in situ</i> conservation in Tamil Nadu in rice ( <i>Oryza sativa</i> L.) Savitha Palanisamy & Usha kumara Rajeswari	53
Bait specificity in Hook and line fishery of River Ganga and associated conservation issues Ranjan Kumar Manna, Archisman Ray, Puspendu Samanta, Aprajita, Tuhin Subhro Bhowmik, Raju Baitha, Samir Kumar Paul, Sandeep Kumar Behera & Basanta Kumar Das	61
Edible bamboo resources of Manipur: Consumption pattern of young shoots, processing techniques and their commercial status in the local market Thounaojam Premlata, Vivek Sharma, Madho Singh Bisht & Chongtham Nirmala	73
Some chemical, physical, microbiological and sensorial properties of traditional water buffalo yogurts produced in Turkey Ahmet Emirmustafaoğlu, Hayri Coşkun & Gökhan Güler	83
Enhancement of growth and seed yield of rice ( <i>Oryza sativa</i> L.) through foliar spray of osmoprotectants under high temperature stress Sumita Das, Simanta Mohanty, Debadatta Dash & Kumuda Chandra Muduli	92
Conservation of millets: the role of community leaders in Kolli Hills, South India Jayashree B & Aram IA	101
GCMS analysis & assessment of antimicrobial potential of rhizospheric Actinomycetes of AIA3 isolate Nalinee Kumari, Ekta Menghani & Rekha Mithal	111
Physicochemical and marker based optimization of fermentation process of Drakshasava, an Ayurvedic polyherbal formulation Prerna & Aeri Vidhu	120
<i>Cocos nucifera</i> L. inflorescence extract: An effective hepatoprotective agent Manikantan Ambika Chithra, Thadiyan Parambil Ijnu, Harsha Kharkwal, Rajeev Kumar Sharma, Kainoor Krishnankutty Janardhanan, Palpu Pushpangadan & Varughese George	128

Hypoglycemic and hypolipidemic effects of a poly herbal formulation in streptozotocin induced diabetic rats Aymen Owais Ghauri, Saeed Ahmad, Tayyeba Rehman, Muhammad Bilal, Muhammad Adeel Arshad & Waheed Mumtaz Abbasi <sup>4</sup>	137
<i>Loungu</i> (Carpenter worm): Indigenous Delicious Insects with Immense Dietary Potential in Nagaland state, India C Aochen, R Krishnappa, DM Firake, S Pyngrope, S Aochen, A Ningombam, GT Behere & SV Ngachan	145
Hepatoprotective studies of aqueous leaf and root extracts of <i>Barringtonia acutangula</i> (L.) Gaertn. against ethanol induced hepatic stress in rats Rashmi K & K Bhasker Shenoy	152
Production of extracellular amylase by <i>Aspergillus niger</i> under submerged fermentation using jack fruit rag as the carbon source SAPM Piyaathne & MKB Weerasooriya	158
Kwanu Local – A High Yielding Traditional Maize Cultivar of Jaunsar Tribal Region of Uttarakhand and a Promising Genetic Resource for Maize Improvement Khulbe RK, Pattanayak A, Pandey BM, Pal RS, Bisht GS, Pant MC & Kant L	164
HPLC profiling conclusively distinguished two important Unani drugs, namely, Suranjan Shirin ( <i>Colchicum autumnale</i> ) and Suranjan Talkh ( <i>Colchicum luteum</i> ) Mohammad Zakir Siddiqui, Ghufran Ahmad, Kr Mohammad Yusuf Amin, Sada Akhtar & Azizur Rehman	170
Seasonal dynamics of Shatavarin-IV, a potential biomarker of <i>Asparagus racemosus</i> by HPTLC: Possible validation of the ancient Ayurvedic text. Kalyan Hazra, Achintya Kumar Mandal, Dharendra Nath Mondal, Rohit Kumar Ravte, Jayram Hazra & Mruthyumjaya Meda Rao	174
RS-based regional crop identification and mapping: A case study of Barwala sub-branch of Western Yamuna Canal in Haryana (India) Arvind, RS Hooda, HS Sheoran, Devendra Kumar, Satyawana, Abhilash & Sushant Bhardwaj	182
<i>Khyopeh</i> , a traditional fermented yak meat product of Sikkim Meera Ongmu Bhutia, Namrata Thapa & Jyoti Prakash Tamang	187
Dynamics of socio-economic factors affecting climate vulnerability and technology adoption: Evidence from Jodhpur district of Rajasthan Naveen P Singh, SK Srivastava, Shirish Sharma, Bhawna Anand, Surendra Singh & Ranjith PC	192
Indigenous lac culture and local livelihood: a case study of <i>Karbi</i> community of Assam, North-Eastern India Nepolion Borah & SC Garkoti	197
A comprehensive scientific overview of <i>Blepharispernum subsessile</i> DC. (Asteraceae), a conservation concern medicinal plant with promising pharmaceutical potential Soumendra Kumar Naik, Shashikanta Behera, Sakti Kanta Rath & Jayanta Kumar Patra	208
A randomized open comparative clinical study of sharbat ustukhuddus and sharbat banafsha in the management of chronic rhinosinusitis Hina Talat, Tabassum Latafat, Mursaleen Naseer & Yasmeen Aziz	218
Author Index	228
Subject Index	230