

## LIST OF PUBLICATIONS

### AFRI JODHPUR

List of publication included in Annual Report 2012-13

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### List of the Publication Reported in Annual Report 2012-13

1.	<b>Abha Rani and Pravin H. Chawhaan (2012).</b> Starch of <i>Curcuma angustifolia</i> Roxb. in comparison with other starches of forest origin. <i>Indian Forester</i> . <b>138(11)</b> .
2.	<b>Abha Rani and Pravin H.Chawhaan (2012).</b> Extraction and scanning electron microscopic studies of <i>Curcuma angustifolia</i> Roxb. Starch. <i>Indian Journal of Natural Products and Resources</i> . <b>3(3): 407-410</b> .
3.	Ashok Kumar Parmar and Tarun Kant (2012). Effecient micropropagation and evaluation of genetic fidelity of <i>in vitro</i> raised plants of <i>Commiphora wightii</i> Arn. (Bhandari) - a medicinally important red-listed species of arid regions. <i>J Plant Develop</i> . 19: 29 – 40.
4.	B. Ram, G.R.S. Reddy, and T.S. Rathore (2013). Molecular analysis of micropropagated <i>Melia dubia</i> plants using RAPD and ISSR markers for ascertaining clonal fidelity. In: Abstract of the Biofutra 2013, Natl. conference on biomedical sphere of Life Sciences, organized by the CMR Institute, Bangalore, held on 6 <sup>th</sup> March, 2013, p.7.
5.	B. Ram, T.S. Rathore and G.R. S. Reddy (2012). <i>In vitro</i> propagation of <i>Melia dubia</i> Cav. from seedling explants. <i>Biotechnology, Bioinformatics and Bioengineering</i> . ISSN 2249-9075.
6.	B. Ram, T.S. Rathore, G.R.S. Reddy and D.S. Rajput (2013). Utilization of tissue culture techniques for propagation of <i>Melia dubia</i> . In: Proc. of Indian Forestry Congress, pp 350-352.
7.	Bajrang Singh, Kripal Singh, G. Rejeshwar Rao, J. Chikara, Dinesh Kumar, D.K. Mishra, S.P. Saikia, U.V. Pathre, Nidhi Raghuvanshi, T.S. Rahi and Rakesh Tuli (2013). Agro-technology of <i>Jatropha curcas</i> for diverse environmental conditions in India. <i>Biomass &amp; Bioenergy</i> 48:191-202.
8.	Bilas Singh, Mahipal Bishnoi and M.R. Baloch (2012). Tree growth and wheat yield in agri-horti-silvi system in the arid region of Rajasthan. <i>Indian Forester</i> 138(8): 726-732.
9.	Bilas Singh (2012). Performance of agri-horti-silvi system in the hot arid region of Rajasthan. <i>Indian J. of Agroforestry</i> 14(1):29-33.
10.	D. Meena and G. Singh (2012). Oran of Rohida: An endangered tree species of Rajasthan. <i>Current Science</i> 103 (12): p 1389.
11.	D. Meena, B. Nagarajan, and D. Jesubalan (2012). A Review of a Red Listed Species - <i>Canarium strictum</i> Roxb. and it's future prospects. <i>International Journal of Conservation Science</i> 3 (3): 231-237.

12.	D.B. Meena and T.S. Rathore (2012). <i>In vitro</i> cloning of <i>Bamboo pallida</i> Munro through axillary shoot proliferation and evaluation of genetic fidelity by random polymorphic DNA markers. Intl. J. of Biology 3:26-33.
13.	D.B. Beena, T.S. Rathore and P.S. Rao (2012). Effect of Carbohydrate on axillary shoot initiation and multiplication of <i>Bamboo pallida</i> Munro. Journal of Phytology. ISSN 2075-6240.
14.	G. Singh (2012). Enhancing growth and biomass production of plantation and associated vegetation through rainwater harvesting in degraded hills in southern Rajasthan. <i>New Forests</i> 43: 349-364.
15.	G. Singh and Smita Shukla (2012). Effects of <i>Prosopis juliflora</i> (DC.) tree on under canopy resources, diversity and productivity of herbaceous vegetation in Indian desert. <i>Arid Land Research Land Management</i> 26: 151-165
16.	G. Singh and T.R. Rathod (2012). Resource use and crop productivity in a <i>Colophospermum mopane</i> tree based agroforestry ecosystem in Indian Desert. <i>Applied Ecology and Environmental Research</i> 10(4): 503-519.
17.	G. Singh, A.U. Khan, Ashok Kumar, N. Bala and U.K. Tomar (2012). Effects of rainwater harvesting and afforestation on soil properties and growth of <i>Embllica officinalis</i> while restoring degraded hills in western India. <i>African J. Environ. Sci. Technology</i> 6(8): 300-311.
18.	G. Singh, K. Singh, D. Mishra and S. Shukla (2012). Vegetation diversity and role of <i>Leptadenia pyrotechnica</i> in biomass contribution and carbon storage in Arid Zone of India. <i>Arid Ecosystems</i> 2(4): 264-272.
19.	G. Singh, N. Bala, A.K. Sinha, S. Singh, S.R. Baloch, R. Singh, M.K. Choudhary, G.R. Choudhary, and T.S. Rathore (2013). Extent of distribution and dominance of <i>Prosopis juliflora</i> in Forest area of Rajasthan and Gujarat. In: Natl. workshop on <i>P. juliflora</i> : Retrospect and prospect, organized by the CAZRI at Bhuj, Gujarat on Feb. 26 – 28 <sup>th</sup> , 2013.
20.	G. Singh, T.R. Rathor, S.S. Komara and N.K. Limba (2013). Rainwater harvest influences habitat heterogeneity, nutrient build up and herbage biomass production in Aravalli hills Rajasthan, India. <i>Tropical Ecology</i> 54(1): 73-88.
21.	G. Singh, and T.S. Rathore (2012). Biodiversity and the conservation measures in dry areas particularly in Western Rajasthan. In: Abstract of the Natl. seminar on Strategy for restoration of forest biodiversity of natural forest & plantations, organized by the SFD, Jabalpur on Sept., 24 <sup>th</sup> & 25 <sup>th</sup> , 2012, p.46.
22.	H.S. Tyagi, G.R. Choudhary and U.K. Tomar (2012). Clonal propagation and economically important woody tree of the Arid Zone – <i>Tecomella undulata</i> (sm) seem. In: Proceeding of the 1st Indian Forest Congress, held at New Delhi, pp 356-262.
23.	I.D. Arya, B. Kaur and S. Arya (2012). Micropropagation through somatic embryogenesis in <i>Dendrocalamus hamiltonii</i> . <i>International Journal of Agricultural Sciences</i> IISN : 2167-0447.
24.	I.D. Arya, A. Gehlot and S. Arya. (2012). In vitro axillary shoot proliferation for development of efficient micropropagation protocol for rapid propagation of <i>Azadirachta indica</i> In: Abstracts book of the World Neem Conference, Nagpur India. p 60.
25.	I.D. Arya, A. Gehlot, N. Vijay N. and S. Arya (2012). Propagation methods for restoration of Important NWFP's trees – Kair, Neem and Bamboo's. In: Abstract book of the National Seminar on Strategy for natural forest and plantations, SFRI, Jabalpur, pp 52-53.

26.	I.D. Arya, R. Sharma and S. Arya (2012). Somatic embryogenesis of <i>Drepanostachyum faleatum</i> on important hill bamboo – a rapid means of micropropagation. In: <i>Proceedings 9th World Bamboo Congress</i> 1-2 p 549-570.
27.	I.D. Ayra, B. Kaur and S. Arya (2012). Rapid and mass propagation of economically important Bambo <i>Dendrocalamus hamiltonii</i> <i>Indian Journal of Energy</i> (1)11-16.
28.	K. Dhileepan, A. Balu, S.I. Ahmed, S. Singh, K.K. Srivastava, M. Senthilkumar, S. Murugesan, P. Senthilkumar, M. Gorain, A. Sharma, N. Sharma, R. Mahalakshmi, and R. Shivas (2012). New biological control opportunities for prickly acacia: exploration in India, In: <i>Proceeding of 17th Australian Weeds Conference</i> , New Zealand Plant Protection Society, Christchurch, New Zealand, Zydembos, S.M. (Eds.).pp. 231-234.
29.	K.K. Srivastava, S.I. Ahmed, Neelam Verma and Sangeeta Singh (2012). Biotic & abiotic stress in disease development on tree plantations in dry areas and their possible management strategies. In: Abstract book of the Symposium on Managing stress in drylands under climatic change scenarios” at CAZRI, Jodhpur on 1-2, December, 2012, p 93.
30.	Mala Rathore (2013). Importance of underutilized fruits for livelihood development in Rajasthan’ In: IXth people’s Technology congress on the theme technology development for ssustainable livelihood development, organized on 8th – 9th February 2013, at Kolkata.
31.	Mala Rathore (2013). Importance of underutilized fruits for livelihood development in Rajasthan. In: Abstract book of IXth people’s Technology congress on the theme technology development for sustainable livelihood development, organized on 8th – 9th February 2013, at Kolkata.
32.	Mala Rathore, R.K. Meena, R.K. Gupta and Abha Rani (2012). Variation of secondary metabolite content in various developmental stages of <i>Pluchea lanceolata</i> in arid zone. In: <i>Proceedings of the conference on NTFP &amp; Medicinal Plants Conservation: Management and sustainable Utilization</i> , Sanjay Singh and R. Das (eds), pp.82-85 published by IFP, Ranchi.
33.	Mahadeo Gorain, Santosh kumar and S.I. Ahmed (2012). Role of insect bees in the pollination of <i>Prosopis cineraria</i> (L.) Druce (Leguminosae, subfamily Mimosoideae) in Rajasthan. <i>Adnaces in Applied Science Research</i> . 3(6):3448-3451.
34.	Mahadeo Gorain, S.I. Ahmed, R. S. Bhandari and Naveen Sharma (2012). Biology of <i>Phalantha Phalantha</i> Drary (Nymphalidae: Lepidoptera) – An Injurious pest of well known medicinal plant <i>Withania somnifera</i> Dunal <i>Biotechnology Research</i> 1(2): 4-6.
35.	N. Bala, G. Singh, N.K. Bohra, N.K. Limba and S.R. Baloch (2012). Assisted and natural regeneration of <i>Eucalyptus</i> in arid tract of Rajasthan. <i>Indian Forester</i> 130(7): 60-61.
36.	N.K. Bohra and D.K. Mishra (2012). Endangered species of Thar Desert-A review. <i>MFP News</i> . 4:17-20.
37.	Ranjana Arya, R.R. Lohra and R.L. Meena (2012). Establishment and biomass yield of <i>Salvadora persica</i> with different treatment in the Little Rann of Kachchh. <i>Current Agriculture</i> . 36(1-2): 41-46.

38.	Ranjana Arya and Bindu Nirwan (2012). Ethephon based gum harvesting methodology for Guggul ( <i>Commiphora wightii</i> (Arn.) Bhandari) in arid Rajasthan (Abstract)" in National Workshop on, Sustainable management of natural gums and resins, organized by State Forest Research Institute, Polipathar, Jabalpur (M.P.).
39.	Ranjana Arya and R.R.Lohara (2013). Role of <i>Prosopis juliflora</i> in rejuvenation of salt affected areas. In: National workshop on <i>Prosopis juliflora</i> : Retrospect and prospect during 26-28Feb, 2013 at CAZRI, RRS ,Kukma, Bhuj, p 52.
40.	Ranjana Arya, G. R. Kachhwaha, Hemant Kumar, R.R. Lohara and R. L. Meena (2012). Survival and biomass production of <i>Salvadora persica</i> on various types of salt affected soils under arid conditions in Rajasthan and Gujarat. In: Abstract of the National Symposium of Arid Zone Research Association of India on Managing stress in drylands under climate change scenarios, organized at CAZRI, Jodhpur on 1-2 December, 2012. pp 187.
41.	Ranjana Arya, Hemant Kumar and S. H. Jain (2012) Exploring the lesser known timber species for handicraft industry of Jodhpur. In: International conference on Future of panel industry- issues and challenges held at IPRITI, Bangalore 26-28 Sept. 2012 p 59.
42.	Ranjana Arya, Hemant Sharma, R. R. Lohara and R. L. Meena (2012).Silvi-pastoral system for ensuring fodder availability and site improvement: A study under arid conditions in Bhuj, Kachchh, <i>Ind. J. Agroforestry</i> 14 (2): 6-12.
43.	S. Arya, P.K. Rama and I.D. Arya (2012). Micropropagation of economically important bamboo <i>Bambusa polymorpha</i> . In: Proceeding 9th World Bamboo Congress Vol. 1-2: 581-587.
44.	S. Kumar, S. Bhatnagar, S.I. Ahmed and S. Singh (2012). Morphological observations on the rachis, stem leaf and inflorescence galls caused by insect caused by insects and mites in <i>Prosopis ineraria</i> (L.) Druce. In: Indian arid zone. In: The International Conference on Entomology, Feb 17-19. (5) p 207.
45.	S. I. Ahmed, K.K. Srivastava, S. Singh and S. Bhatnagar (2012). Management of downy mildew and termites in <i>Plantago ovata</i> (Isabgol) through organics in arid and semi-arid areas. In: National workshop stress Agriculture and climatic change. Exploring synergy with natural resource management in Agriculture (NARMA-III)", 21-22nd Dec. p 64.
46.	S. Viswanath, A.N. Srinageswara, S. Viswanath and T.S. Rathore (2012). Occurance of twin seedlings in <i>Kingiodendron pinnatum</i> (DC) Harm cleguminosaceae – An endangered tree species of western ghats. <i>Ind. J. of Forestry</i> 35(3): 489-490.
47.	S. Viswanath, T.S. Rathore, P.V. Somashekhar, G. Joshi, A. Srivastava and M.R. Jagadish (2012). Propagation and field performance studies in <i>Guadua angustifolia</i> Kunth.: A lab to land approach. In: Recent advances in Bamboo propagation, management and utilization, pp 73-83, Aggarwal, P. Tewari, V.P., Triveni, P.R. and Joshi, S.C. (eds), published by the Institute of Wood Science & Technology (ICFRE), Bangalore.
48.	Seema Kumar and Sanjay Paunikar (2012). <i>Mylocerus undecimpustulatus</i> Faust (Coleoptera: Curculionidae): A New Pest Record on Neem from India. <i>Indian J. Trop. Biodiv.</i> 18(2): 239 – 242.

49.	Seema Kumar and Sanjay Paunikar (2012). <i>Acacia ampliceps</i> – A new host for seed pest <i>Caryedon acaciae</i> (Coleoptera: Bruchidae). <i>Indian J. Trop. Biodiv.</i> 18(2): 263 – 264.
50.	Seema Kumar (2012). Nesting record of baya weaver bird on forest trees with especial reference to <i>Prosopis juliflora</i> in western Rajasthan. In: Abstracts of National seminar on Science for shaping the future of India: Faunal diversity- challenges and opportunities.
51.	Seema Kumar (2012). Forest tree <i>Dalbergia sissoo</i> Roxb. - A new host for land mollusc <i>Zootectus insularis</i> (Ehrenberg, 1831) - An indicator of climate change in drylands of Rajasthan In: Abstracts of Symposium on Managing stress in dry lands under climate change scenarios (MSDC – 2012), AZRI, Jodhpur. pp. 29-30.
52.	Seema Kumar (2013). First record of <i>Prosopis juliflora</i> as a new host for blister beetle (Coleoptera: Meloidae) - An important Cantharidin producing insect. In: NAIP National Workshop on <i>Prosopis juliflora</i> : Retrospect and Prospects, CAZRI. pp. 23-24.
53.	Seema Kumar (2013). Forest invasive and alien plant species diversity with special reference to <i>Prosopis juliflora</i> and its utilization in Rajasthan. In: Risk analysis of forest invasive Alien species, IUFRO 4.04.07: Risk analysis & IUFRO 8.02.04: Ecology of alien invasives.
54.	Shiwani Bhatnagar, A. Kumar, A.K. Karnatak, S.I. Ahmed and S. Singh (2012). Effect of synthetic plant growth regulators on the larval survival of <i>Spodoptera litura</i> (Fab.). In: International conference on Entomology, held from 17-19 Feb, 2012, pp 117-118 (3).
55.	Shiwani Bhatnagar, Arvind Kumar, Aparna Rajput, Yogesh Kumar and Sangeeta Singh (2012). The Role of insect pollination in the conservation of floral biodiversity. In: Abstract book of International Symposium on Agricultural communication and sustainable rural development: from Information to Knowledge to Wisdom – Envisioning a Food Sovereign World in the Third Millennium held at Pantnagar, Uttarakhand, India from 22-24 November, p 257.
56.	Shiwani Bhatnagar, Sangeeta Singh, Desha Meena and, Suman Khansana (2012). Termite infestation on <i>Azadirachta indica</i> - a multipurpose tree of semi arid zone. In: Abstract books of National workshop on Sustainable management of natural gums and resins, organized by the State Forest Research Institute, Polipathar, Jabalpur (M.P.), from 21 <sup>st</sup> and 22 <sup>nd</sup> Dec. 2012, p.28.
57.	Shiwani Bhatnagar, Desha Meena, Sangeeta Singh and S.I Ahmed (2013). Bruchidae Infestation on Seed of <i>Albizia lebbek</i> (L.) in Rajasthan. In: Abstract book of the 100th Indian Science Congress held at Calcutta University, Kolkata, January 3-7, 2013, p.181.
58.	S. Shwarup, T. Kant and T.S. Rathore (2013). <i>In vitro</i> shoot multiplication in <i>Prosopis cineraria</i> – A multipurpose indigenus desert tree species. In: Abstract book of UGC sponsored Natl. seminar on current issues and opportunities, held in Jan. 11-12, 2013, organized by the Mahila P.G. Mahavidhalaya, Jodhpur, p 18.
59.	T. S. Rathore, Ranjana Arya and Hemant Kumar (2012). Wood consumption pattern, issue and future strategies for wood supply for Handicraft industries of Jodhpur. In: Abstract book of the International conference on Future of panel industry- issues and challenges held at IPRITI, Bangalore from 26-28 Sept 2012, p 63.

60.	U.K. Tomar (2012). Assessment, management, conservation and improvement of Forest Genetics Resources of North Western India. In: K. Palanisamy, N. Krishnakumar & R. Anandalakshmi (Eds.), Published by IFGTB, Coimbatore. pp 151-156.
61.	Vinod S. Gour and Tarun Kant (2012) <i>Balanites aegyptiaca</i> (L.) Del. A multipurpose and potential biodiesel tree species of the arid regions. In: International Journal of Sci. & Nature 3(2): 472 – 475.

## List of the publication reported in Annual Report 2011-12

### **Research Publications in Scientific Journals**

1.	Abha Rani, Pravin H. Chawhaan and Mala Rathore (2011) Seeds of <i>Hyptis suaveolens</i> - A source of mucilage. <i>Indian Forester</i> <b>137</b> (6): 744-750.
2.	Ashok Kumar, Beena Tripathi and G. Singh (2012). Tree and shrub diversity in degraded hills of Bar-conglomerate formation of Pali districts of Rajasthan. <i>Indian Forester</i> <b>138</b> : 107-112.
3.	Bilas Singh and G. Singh (2011). Phosphorus enhanced establishment, growth, nutrient uptake, and productivity of <i>Dalbergia sissoo</i> seedlings maintained at varying soil water levels in an Indian arid zone. <i>Journal of Sustainable Forestry</i> <b>30</b> (6): 480-495.
4.	D. K. Mishra and N. K. Bohra (2011). Biofuel: As environment friendly fuel and an opportunity for socioeconomic development with reference to <i>Jatropha</i> . <i>Green Farming</i> <b>2</b> (6): 744-747.
5.	D. K. Mishra and N. K. Bohra (2011). Establishment of seed production area of <i>Acacia nilotica</i> (L.) delile var. <i>indica</i> in Rajasthan. <i>Green Farming</i> <b>2</b> (2): 162-165.
6.	G. Singh (2011). Effects of irrigation on growth and on biomass and nutrient partitioning in <i>Eucalyptus camaldulensis</i> seedlings. <i>J. Sustainable Forestry</i> <b>30</b> : 564-583.
7.	G. Singh, N. Bala and C.S. Purohit (2011). <i>Eragrostis tremula</i> (Lam.) Hochst. ex Steud. Gajanandii, a new variety from Indian desert. <i>Indian Forester</i> <b>137</b> (6): 796-799.
8.	G. Singh and T.R. Rathod (2012). Water use and biomass production in tree seedlings irrigated near field capacity in arid environment. <i>Indian Forester</i> <b>138</b> : 5-9
9.	G. Singh, T.R. Rathod, N.K. Limba, G.R. Choudhary and A.U. Khan (2012). Growing <i>Jatropha curcus</i> with rainwater harvesting in hilly tract of south western Rajasthan, India. <i>Indian Forester</i> <b>138</b> (3): 214-220.
10.	G. Singh, G.R. Choudhary, B. Ram and N.K. Limba (2011). Effects of rainwater harvesting on herbage diversity and productivity in degraded Aravalli hills in western India. <i>J. Forestry Research</i> <b>22</b> (3): 329-340.
11.	G. Singh and Smita Shukla (2011). Effects of <i>Azadirachta indica</i> canopy manipulation and nitrogen fertilization on diversity and productivity of herbaceous vegetation in an arid environment of India. <i>Arid Land Research and Management</i> <b>25</b> : 129-150.
12.	K. Parmar, Sushma Prajapati, U. K. Tomar and Tarun Kant (2011). Efficient <i>In vitro</i> mass propagation through optimized somatic embryogenesis in <i>Commiphora wightii</i> – A source of guggulsterones, <i>J. Plant Pathol. Microbio.</i> Special issue <i>Biotechnology-2011</i> , 014 , p. 526.

13.	P. Chaudhry, K. Bagra and Bilas Singh (2011). Urban greenery status of some Indian cities: A short communication. <i>International Journal of Environmental science and Development</i> <b>2</b> (2): 98-101.
14.	N. K. Bohra, J. K. Shukla, A. Tripathi and D. K. Mishra (2011). Neem - A wonder Tree. <i>MFP News XXI</i> (1): 13-15.
15.	N. K.Bohra and D. K.Mishra (2011). <i>Boswellia serrata</i> -Indian Frankincense tree. <i>MFP News July-Sept. XXI</i> (3): 24-25.
16.	N. K. Bohra, D. K. Mishra, R. L. Suara and J. K. Shukla (2011). Role of bamboo in socio-cultural aspects in Rajasthan and Gujarat stated of India. <i>MFP News XXII</i> (1): 7-11.
17.	N. K. Bohra, J. K. Shukla, A. Tripathi and D. K. Mishra (2011). <i>Tribulus terrestris</i> -An important medicinal plant of arid zone. <i>Journal of Non-Timber Forest Products</i> <b>18</b> (1): 63-66.
18.	U.K. Tomar, G. Singh and Nutan Kaushik (2011). Screening <i>Azadirachta indica</i> A. Juss tree for enhancing azadirachtin and oil contents in dry areas of Gujarat, India. <i>J. Forestry Research</i> <b>22</b> : 217-224.
19.	U.K. Tomar and N. Kaushik (2011). Neem <i>Azadirachta indica</i> (A. Jusieu) biodiversity in india for bioresource: Azadirachtin – An important Biopesticide. <i>Asian J. Exp. Sci.</i> <b>25</b> :15-21.
20.	U.K. Tomar, G. Singh and N.Kaushik (2011). Screening <i>Azadirachta indica</i> tree for enhancing azadirachtin and oil contents in dry areas of Gujarat, India. <i>J. Forestry Res.</i> <b>22</b> (2):217-224.
21.	Vinod S. Gour and Tarun Kant (2011). Efficacy of low cost gelling agents and carbon source alternatives during in vitro rooting of <i>Balanites aegyptiaca</i> and <i>Phyllanthus emblica</i> microshoots. <i>Tree and Forestry Science and Biotechnology</i> <b>5</b> (1): 58-60.

### Chapters in Books

1.	G. Singh, S. Shukla, C.S. Purohit and B. Ram (2011). Bamboo growth, soil properties and tree/shrubs diversity in different forest blocks of Pratapgarh division of Rajasthan. <b>In:</b> Advances in Bamboo plantation, management and Utilization, I.D. Arya, T.S. Rathore, S. Arya and T. Kant (eds), Vinay Printing and Binding, Jodhpur, pp. 94-107.
2.	Ranjana Arya (2012). Significant trees and shrubs for development of perennial fodder resources and livelihood support of desert dwellers. <b>In:</b> Fodder for Sustainable Livestock Production and Environmental Security; ARS, Keshwana, Jalore, pp.76-84.
3.	R.N. Pandey, S. Arya, A. Kant and I.D. Arya (2011). Commercial micropropagation of bamboo: a case study. <b>In:</b> Advances in bamboo plantation, management and utilization. I.D. Arya, T.S. Rathore, Sarita Arya, and T. Kant (Eds.). Vinay printer, Jodhpur, pp.31-50.
4.	S. Arya, B.Kaur, N. Vijay, M.S. Chouchan and I.D. Arya (2011). <i>In vitro</i> propagation protocol for <i>Dendrocalamus hamiltoni</i> using nodal explants from mature clump. <b>In:</b> Advances in bamboo plantation, management and utilization, I.D. Arya, T.S. Rathore, Sarita Arya, and T. Kant (Eds). Vinay printers, Jodhpur, pp. 159-173.
5.	U.K. Tomar, R.L. Srivastava, G. Singh and C.J.S.K. Emanuel (2011). Performance of <i>Bambusa bambos</i> and <i>Dendrocalamus strictus</i> tissue culture plants in degraded soils of Rajasthan and Gujarat. <b>In:</b> Advances in Bamboo plantation, management and Utilization, I.D. Arya, T.S. Rathore, S. Arya and T. Kant (eds), Vinay Printing and Binding, Jodhpur, pp. 442-455.

6.	U.K. Tomar (2012). Assessment, management, conservation and improvement of forest genetic resources of North Western India. In: K. Palanisamy, N. Krishnakumar & R. Anandalakshmi (eds.), Forest Genetic Resources Management in India, pp. 159-165. Published by I.F.G.T.B. Coimbatore, TN, INDIA.
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### Abstracts in Seminar/Symposium

1.	G. Singh, S. Shukla, C.S. Purohit and B. Ram (2011). Bamboo growth, soil properties and tree/shrubs diversity in different forest blocks of Pratapgarh division of Rajasthan. <b>In:</b> Advances in Bamboo plantation, management and Utilization, I.D. Arya, T.S. Rathore, S. Arya and T. Kant (eds), Vinay Printing and Binding, Jodhpur, pp. 94-107.
2.	Ranjana Arya (2012). Significant trees and shrubs for development of perennial fodder resources and livelihood support of desert dwellers. <b>In:</b> Fodder for Sustainable Livestock Production and Environmental Security; ARS, Keshwana, Jalore, pp.76-84.
3.	R.N. Pandey, S. Arya, A. Kant and I.D. Arya (2011). Commercial micropropagation of bamboo: a case study. <b>In:</b> Advances in bamboo plantation, management and utilization. I.D. Arya, T.S. Rathore, Sarita Arya, and T. Kant (Eds.). Vinay printer, Jodhpur, pp.31-50.
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### Abstracts in Seminar/Symposium

1.	A. Kumar, and S. Bhatnagar (2011). Emerging trends of molecular systematics in insect biodiversity assessment. <b>In:</b> Abstract of the National symposium on Assessment and conservation of forest genetic resources through biotechnological interventions, organized by Institute of Forest productivity (ICFRE), N.H, Lalgotuwa, Ranchi, p. 24.
2.	Atul Tripathi, J. K. Shukla, R. L. Suara and D. K. Mishra (2011). Standardization of clonal propagation in <i>Commiphora wightii</i> (arn.) Bhandari. <b>In:</b> Abstract of the National Workshop on conservation and sustainable utilization of <i>Commiphora wightii</i> (Guggal), organised by SFD, Gandhinagar, 15-16 September, p13.



3.	Atul Tripathi and D. K. Mishra (2011). Growth performance and correlation analysis of 16 <i>Jatropha curcas</i> Linn. Clonal accession collected from Western Himalayan Region of India under arid environment. <b>In:</b> Abstract of the First Indian Forest congress, organised by FRI, Dehradun, 22-25 Nov., p58.
4.	A. Gehlot and I.D. Arya (2011). In vitro axillary shoot proliferation for development of micropropagation techniques of <i>Alianthus excelsa roxb.</i> <b>In:</b> Abstract of the Indian Forest Congress, New Delhi, pp.186-187.
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7.	A. Kumar and S. Bhatnagar, (2012). Biodiversity study of predators and parasites associated with lac insect. <b>In:</b> Abstract of the National seminar on forest health management, organized by IFGTB, Coimbatore, p.79.
8.	Anchal Sharma, S.I. Ahmed, and Meeta Sharma (2012). Influence of temperature and relative humidity on the survival of <i>Daphnis nerii</i> (Lepidoptera: sphingidae) and its food efficacy on host plant in arid and semi arid region. <b>In:</b> Abstract of the International conference on Entomology, organized by Department of Zoology and Environmental sciences, Punjabi University, Patiala, Punjab, p. 65.
9.	Ashok Kumar, G. Singh and Meeta Sharma (2012). Growth and diversity variables of <i>Prosopis juliflora</i> in precambrian rocks and the associated soils of Bar area in Pali district. <b>In:</b> Abstract of the NAIP All India Workshop Utilisation of <i>Prosopis juliflora</i> : Challenges and opportunities, organized by CAZRI, Jodhpur, p. 33.
10.	B. Ram, T.S. Rathore and G.R.S. Reddy (2011). Micro propagation of <i>Melia dubia</i> cav. via <i>in vitro</i> seed germination. <b>In:</b> National symposium on assessment and conservation of forest genetic resource through biotechnological interventions, held on Dec., 19 <sup>th</sup> & 20 <sup>th</sup> , 2011, organized by the IFP, Ranchi, p. 104.
11.	B. Ram, T.S. Rahtore and G.R.S. Reddy (2011). A standard procedure for the micropropagation of <i>Melia dubia</i> cav. <b>In:</b> Abstract of the second national conference as bioinformatics, biotechnology and bio engineering, organized by the society for applied biotechnology, p. 36.
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19.	Garima Mandora and Tarun Kant (2011). <i>In vitro</i> multiplication of a commercially important tree: <i>Hardwickia binata</i> . <b>In:</b> Abstracts of the International Conference on - Green biotech: Recent Trends and Innovations, organized at Amity University, Jaipur, India on 12- 13 November, p. 28.
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