

List of Publications (in English)

Agroecology & Agronomy

- Deb, Debal & Sreejata Dutta 2022. The robustness of Land Equivalent Ratio as a measure of yield advantage of multi-crop systems over monocultures. *Experimental Results* 3, e2; doi: 10.1017/exp.2021.33
- Deb, D. 2021. Productive efficiency of traditional multiple cropping systems compared to monocultures of seven crop species: A benchmark study. *Experimental Results* 2, e18: 1-10. doi:10.1017/exp.2021.7.
- Deb, D. 2021. Genetic engineering in agriculture: Uncertainties and risks, pp. 133-142. In: D. Newton (ed), *GMO Food: A Reference Handbook*. 2nd edition. ABC Clio. Santa Barbara/ Denver.
- Deb, D. 2021. Every time Bengal loses a traditional rice variety, it loses a little bit of its culture. *Scroll.in* (Mar 6th). <https://scroll.in/article/988465/every-time-bengal-loses-a-traditional-rice-variety-it-loses-a-little-bit-of-its-culture>
- Deb, Debal 2020. Is the system of rice intensification (SRI) consonant with agroecology? *Agroecology and Sustainable Food Systems* 44: 1338-1369. doi: 10.1080/1683565.2020.1779165
- Deb, Debal 2019. Food Sovereignty: opposing the enclosure of land, seeds and knowledge commons (Ch.1), pp. 1-48. In Stefan Mentschel (ed), *Can Hunger be Defeated?* Yoda Press: New Delhi.
- Deb, Debal 2019. Restoring rice biodiversity. *Scientific American* 321(4) (October): 54-61.
- Deb, Debal 2017. Folk rice varieties, traditional knowledge and nutritional security in South Asia. In: G. Poyyamoli (ed), *Agroecology, Ecosystems, and Sustainability in the Tropics*. Studera Press, pp. 117-134.
- Deb, Debal, M. Kloft, J. Lässig & S. Walsh 2016. Variable effects of biochar and P solubilizing microbes on crop productivity in different soil conditions. *Agroecology and Sustainable Food Systems* 40 (2): 145-168.
- Deb, Debal 2014. Genetic engineering in agriculture: Uncertainties and risks, pp. 120-129. In: David Newton (ed), *GMO Food: A Reference Handbook*. ABC-Clio: Goleta, CA.
- Deb, Debal 2014. Folk rice varieties, traditional agricultural knowledge and food security, pp. 45-57. In: Claude Alvarez (ed.), *Multicultural Knowledge and the University*. Multiversity/ Citizens International: Penang, Malaysia.
- Deb, Debal 2012. Did you say 'High Yield'? pp. 22-25. In: *Where is Our Oryza?* Living Farms: Bhubaneswar.
- Deb, Debal, J. Lässig & M. Kloft 2012. A critical assessment of the importance of seedling age in the system of rice intensification (SRI) in eastern India. *Experimental Agriculture* 48 (3): 326-346.
- Deb, Debal 2009. Valuing folk rice varieties for agroecology and food security. *Bioscience Resource* (Commentary). URL: <http://www.independentsciencenews.org/un-sustainable-farming/valuing-folk-crop-varieties/> (26 October 2009).
- Deb, Debal 2008. Agriculture, pp. 67-81 In: A K Ghosh (ed.), *Status of Environment in West Bengal: A Citizens' Report*. ENDEV Society for Environment and Development: Kolkata.
- Borromeo, E. & **Debal Deb** 2006. *Future of Rice: Examining long term sustainable solutions for rice production*. Greenpeace International: Amsterdam & Bangalore. <http://www.greenpeace.org/international/en/publications/reports/future-of-rice/>
- Deb, Debal 2005. *Seeds of Tradition, Seeds of Future*. Research Foundation for Science Technology & Ecology: New Delhi.
- Deb, Debal 2004. *Industrial vs Ecological Agriculture*. RFSTE: New Delhi.
- Deb, Debal 2004. *Economics of multiple cropping: A study of multiple cropping farms of West Bengal*. Circolo Culturale Ambientescienze: Cremona, Italy. URL: www.worldwewant.org/wordpress/images/economicsofmultiple.pdf
- Deb, Debal 2001. An inventory of plant food resources from Bengal. pp. 293 to 298. In: V. Shiva & R. Holla-Bhar (eds), *An Ecological History of Food and Farming in India*. Vol. 1. RFSTE: New Delhi.
- Deb, Debal 2001. Bengal Famines. pp. 76 to 81. In: V. Shiva & R. Holla-Bhar (eds), *An Ecological History of Food and Farming in India*. vol. 2. RFSTE: New Delhi.

List of Publications (contd.)

- Sen, D. & **Debal Deb** 2001. Peasant uprisings in Bengal. pp. 53 to 62. In: V. Shiva & R. Holla-Bhar (eds), *An Ecological History of Food and Farming in India*. Vol. 2. RFSTE: New Delhi.
- Ghosh, A.K. & **Debal Deb** (eds) 2001. *A Trainers' Training Manual on Sustainable Agriculture*. RFSTE: New Delhi.
- Deb, Debal 2000. *Folk Rice Varieties of West Bengal: Agronomic and Morphological Characteristics*. RFSTE: New Delhi.
- Deb, Debal 2000. The economics of multiple cropping systems. pp. 16-19. In: F. Mazhar (ed), *Proceedings of the International Workshop on Economics of Ecological Agriculture*. SANFEC: Dhaka.
- Deb, Debal 1999. Wild and uncultivated plants and animals as food resource: the Bengal paradigm. Pp. 18-19 & 109-113. In: *SANFEC Proceedings of South Asian Workshop on Uncultivated Food and Plants*. 2-4 OCT 1999. Bishnupur, Bangladesh.
- Deb, Debal 1999. In search of the forgotten rice varieties. *Down To Earth* 35: 122-123.
- Deb, Debal 1996. Combining farmer experience and professional knowledge. Pp. 31-38. In: *Proceedings of the Workshop on Conservation and Community Copyrights of Folk Crop Varieties*. WWF-India Eastern Region: Calcutta.
- ### Rice biology
- Deb, Debal 2024. Is the time of anthesis in rice (*Oryza sativa*) influenced by photoperiod? *Biologia Futura* 75(1), <http://doi.org/10.1007/s42977-024-00223-5>
- Deb, Debal, A. Paul & S. Bhattacharya 2024. Adjustments of flower opening time and duration in tropical rice (*Oryza sativa* ssp. *indica*) landraces in response to heat stress. *J. Agron. Crop Sci.* 210(3), e12706; <https://doi.org/10.1111/jac.12706>
- Deb, Debal, N.V. Joshi, D. Bhattacharya, M. Nauri & R. Ganguly 2023. Diversity of flower opening time and duration in rice (*Oryza sativa* ssp. *indica*) landraces of South and Southeast Asia in different cultivation seasons. *Journal of Botanical Research* 5(3): 36-48. doi: 10.30564/jbr.v5i3.5724
- Deb, Debal & D. Bhattacharya 2021. Unusually high frequency of cross pollination in rice landraces Shiuli and Kharah with coincident flower opening times. *Current Science* 121(1): 121-126.
- Das, S. P., R. Singh Jasrotia, **D. Deb**, M. A. Iquebal, S. Jaiswal & N. Dey 2020. Genomic analysis of polycarpellary rice (*Oryza sativa* L.) through whole genome resequencing. *J. Plant Biochem. Biotechnol.* doi: 10.1007/s13562-020-00602-8
- Das, S.P., **Debal Deb** & N. Dey 2019. Expression study of five genes involved in floral organ development in multiple seeded rice. *Journal of Plant Biochemistry and Biotechnology* doi: 10.1007/s13562-019-00526-y
- Das, S.P., **Debal Deb** & N. Dey 2018. Micromorphic and molecular studies of floral organs of a multiple seeded rice (*Oryza sativa* L.). *Plant Molecular Biology Reporter* doi: 10.1007/s11105-018-1116-9
- Das S.P., **Debal Deb** and N. Dey 2018. Reciprocal hybridization between a natural floral organ mutant and normal rice showed intervarietal barriers. *J. Soils and Crops* 28 (2): 438-439.
- Chakrabarti, D., **Debal Deb** & Avik Ray 2016. An analysis of variation of the aroma gene in rice (*Oryza sativa* L. subsp. *indica* Kato) landraces. *Genetic Resources and Crop Evolution* 63(6): 953-959.
- Priya, A, S.P. Das, S. Goswami, M.K. Adak, **Debal Deb** & N. Dey 2015. An exploratory study on allelic diversity for five genetic loci associated with floral organ development in rice. *American Journal of Plant Sciences* 6: 1973-1980.
- Ray, Avik, **Debal Deb**, R. Ray & B. Chattopadhyay 2013. Phenotypic characters of rice landraces reveal independent lineages of short-grain aromatic *indica* rice. *AoB Plants* 5: plt032; DOI:10.1093/aobpla/plt032
- Karmakar, J., R. Roychowdhury, R. K. Kar, **Debal Deb** & N. Dey 2012. Profiling of selected indigenous rice (*Oryza sativa* L.) landraces of Rarh Bengal in relation to osmotic stress tolerance. *Physiology and Molecular Biology of Plants* 18(2): 125-132.
- Deb, Debal & Debdulal Bhattacharya 2009. Two unique landraces from West Bengal. *Seed Research* 37 (1&2): 152-155.
- Deb, Debal 2006. Flowering asynchrony can maintain genetic purity in rice landraces. *Current Science* 91: 155-157.

List of Publications (contd.)

Rice Nutraceuticals

- Roy, P., **Debal Deb**, A. Suganya, B. Roy, T. Pradeep & T. Saha 2023. Endangered indigenous rice varieties as a source of B vitamins for the undernourished population. *Cereal Chemistry* 100 (3), doi: 10.1002/cche.10668
- Ray, S., **Debal Deb**, A. Nandy, D. Basu, A. Aich, S. Tripathy, S. Sen Roy & M. Poddar Sarkar 2021. Rare and neglected rice landraces as a source of fatty acids for undernourished infants. *Current Science* 121(5): 660-666. doi: 10.18520/cs/v121/i5/660-666
- Roy, P., **Debal Deb**, T. Pradeep, S. Talai Mukhopadhyay, A. K. Sinha & T. Saha 2021. Comparative analyses of the nutraceutical potentialities of selected Indian traditional black rice (*Oryza sativa* L.) landraces. *Oryza* 58(2): 320-334. doi: 10.35709/ory.2021.58.2.6
- Mandal, P., S. Datta & **Debal Deb** 2021. Agronomic and nutraceutical properties of indigenous rice varieties. Ch. 5, In: Dwaipayan Sinha (ed), *A Handbook of Agriculture and Plant Sciences*. ABS Books. New Delhi.
- Ray, S. **Debal Deb** & M. Poddar-Sarkar 2021. Colour based nutraceutical potentiality of some traditional rice (*Oryza sativa* ssp. *indica* L.) varieties of India. *Indian J. Nat. Prod. Res.* 12(1): 153-157.
- Suganya, A., **Debal Deb** & T. Pradeep 2019. Spatial distribution mapping of molecules in the grains of different rice landraces, using desorption electrospray ionization mass spectrometry. *Rapid Comm. Mass Spectrometry* doi: 10.1002/rcm.8397
- Sen Gupta, S, A. Baksi, P. Roy, **Debal Deb** & T. Pradeep 2017. Unusual accumulation of silver in the aleurone layer of an Indian rice (*Oryza sativa*) landrace and sustainable extraction of the metal. *ACS Sustainable Chemistry and Engineering* 5(9): 8310-8315.
- Deb, Debal, S. Sengupta & T. Pradeep 2015. A profile of heavy metals in rice (*Oryza sativa* ssp. *indica*) landraces. *Current Science* 109: 407-409.

Community Ecology & Food Web Theory

- Deb, Debal 2009. Biodiversity and complexity of rice food webs: An empirical assessment. *The Open Ecology Journal* 2: 112-129.
- Deb, Debal 1997. Trophic uncertainty and parsimony in food web research. *Oikos* (Copenhagen) 78: 191-194.
- Deb, Debal 1996. Species coexistence in a competitive hierarchical system. *Proceedings of the Zoological Society of Calcutta* 49: 149-155.
- Deb, Debal 1995. Scale-dependence of food web structure: Tropical ponds as paradigm. *Oikos* (Copenhagen) 72: 245-262.
- Deb, Debal 1993. Size-selective hypothesis and size composition fluctuations in a heliozooplankton community. *Journal of the Assam Science Society* 35: 279-288.
- Deb, Debal & S Banerjee 1989. Unstable trophic position of the predatory rotifer *Asplanchna priodonta* in a heliozooplankton community. *Proceedings of the Indian National Science Academy* B55: 41-50.
- Deb, Debal, M K Ghosh & S Banerjee 1987. Synecology of a rotifer bloom in a freshwater pisciculture pond in West Bengal. *Proceedings of the Indian National Science Academy* B53: 61-68.

Conservation Biology

- Deb, Debal, Bo Li, S. Chattopadhyay & A. Ray 2018. Identification of an endangered tree as a new record of *Cordia macleodii*, with an update of *Cordia* in West Bengal, India. *Webbia J. Pl. Taxon. Geog.* 73(1): 81-88.
- Deb, Debal 2016. Ecological ethos and indigenous traditions, pp. 32-36. In: Focus on the Global South/ The Sombath Initiative, *Humanity and Nature: Traditional, Cultural, & Alternative Perspectives*: Bangkok. http://focusweb.org/sites/www.focusweb.org/files/HumanityAndNature_June_2016.pdf

List of Publications (contd.)

- Deb, Debal 2015. Sacred bamboo groves of the Rajbansi of north Bengal, pp. 45-62. In: M. Amrithalingam (ed), *Ecological Traditions of India*. vol. XII, *Sacred Groves of West Bengal*. C.P.R. Environmental Education Centre. Chennai.
- Deb, Debal 2008. Sacred ecosystems of West Bengal, pp. 117-126. In: A K Ghosh (ed.), *Status of Environment in West Bengal: A Citizens' Report*. ENDEV Society for Environment and Development. Kolkata.
- Deb, Debal 2007. *Sacred Groves of West Bengal: A Model of Community Forest Management*. Understanding Livelihood Impacts of Participatory Forest Management Implementation in India and Nepal. (Ser. Ed. Oliver Springate-Baginski). University of East Anglia, Norwich. <http://www.uea.ac.uk/dev/People/staffresearch/ospringate-baginskiresearch/PFM-Nepal-India/8-sacred-groves-west-bengal>
- Spadoni, M. & **Debal Deb** 2005. Ethnoecology of sacred groves in West Bengal, India. pp. 143-160, In: *Himalaya: Environment, Culture and Sustainable Development*. Proceedings of Seminar. Cooperazione Italiana/ASIA Onlus/Zoological Museum. Rome.
- Deb, Debal 2005. Water crisis in West Bengal, pp. 141-146. In: V. Shiva & K. Jalees (eds), *Water and Women*. RFSTE/ National Commission for Women. New Delhi. URL: www.navdanya.org/publications/women-water.pdf and <http://ncw.nic.in/pdfreports/Women%20&%20Water.pdf>
- Deb, Debal et al. 2003. Sacred ponds, pools and rivers, pp. 54-57. In: NBSAP, *Culture and Biodiversity* vol. I. National Biodiversity Strategy and Action Plan, Govt. of India/ Kalpvriksh. <http://kalpvriksh.org/wp-content/uploads/2019/05/Culture-and-Biodiversity.pdf>
- Deb, Debal 2003. The role of religious ethics in biodiversity conservation in India. pp. 68-77. In: NBSAP, *Culture and Biodiversity* vol. I. National Biodiversity Strategy and Action Plan, Govt. of India/ Kalpvriksh. <https://kalpvriksh.org/wp-content/uploads/2019/05/Culture-and-Biodiversity.pdf>
- Deb, Debal 2001. The culture of conservation: sacred species and sacred habitats p. 35. In: V. Shiva & R. Holla-Bhar (eds), *An Ecological History of Food and Farming in India*. vol. 1. Research Foundation for Science Technology & Ecology: New Delhi.
- Deb, Debal & K C Malhotra 2001. Conservation ethos in local traditions: the West Bengal heritage. *Society and Natural Resources* 14: 711-724.
- Deb, Debal & A.K. Ghosh 1999. Land use practices in India: reinstatement and displacement of traditional knowledge. In: B.B. Basu (ed), *Proceedings of the National Colloquium on Natural Resource Management*. School of Fundamental Research: Calcutta.
- Deb, Debal, K Deuti & K C Malhotra 1997. Sacred grove relics as bird refugia. *Current Science* 73: 815-817.
- Deb, Debal, D Kar & S Sen 1996. *Nature Conservation Handbook*. WWF-India Eastern Region: Calcutta.

Human ecology

- Deb, Debal 2022. The erosion of biodiversity and culture: Bankura district of West Bengal as an illustrative locale. *Ecology, Economy and Society – the INSEE Journal* 5 (1): 5 (1): 139-176. doi: 10.37773/ees.v5i1.487
- Deb, Debal 2021. Rice cultures of Bengal. *Gastronomica* 21(3) (Fall 2021): 91-101.
- Deb, Debal 2021. Every time Bengal loses a traditional rice variety, it loses a little bit of its culture. *Scroll.in* (March 6, 2021). <https://scroll.in/article/988465/every-time-bengal-loses-a-traditional-rice-variety-it-loses-a-little-bit-of-its-culture>
- Deb, Debal 2018. *Food and Nutrition from Forest: Relationships with Forest Ecological Status and Management System*. Bhubaneswar. Living Farms.
- Deb, Debal 2007. Tapping food from the wild: human ecological adaptation to scarcity. *Proceedings of the International Symposium on Human Origins, Genome and People of India*. New Delhi. Anthropological Survey of India.

List of Publications (contd.)

Deb, Debal & K C Malhotra 1997. Interface between biodiversity and tribal cultural heritage: a preliminary study. *Journal of Human Ecology* 8: 157-163.

Deb, Debal 1996. Of cast net and caste identity: Memetic differentiation between two fishing castes of Karnataka. *Human Ecology* 24: 109-123.

Ecological developmental biology

Bateson, Patrick, David Barker, Timothy Clutton-Brock, **Debal Deb**, Bruno D'udine, Robert A. Foley, Peter Gluckman, Keith Godfrey, Tom Kirkwood, Marta Mirazón Lahr, John Mcnamara, Neil B. Metcalfe, Patricia Monaghan, Hamish G. Spencer & Sania E. Sultan 2004. Developmental plasticity and human health. *Nature* 430: 419-421.

Forest Ecology & Management

Deb, Debal 2014. The value of forest: An ecological economic examination of forest people's perspective (Chapter 7), pp. 123-159, in: Trevor Fenning (ed), *Challenges and Opportunities for the World's Forests in the 21st Century*. Springer: Heidelberg/New York.

Deb, Debal 2008. Joint forest management, pp. 96-104. In: A K Ghosh (ed.), *Status of Environment in West Bengal: A Citizens' Report*. ENDEV Society for Environment and Development: Kolkata.

Deb, Debal 2007. Personal experience of researching sacred groves adjacent to joint forest management forests [Box article], pp. 254-255. In: O. Springer-Baginski & P. Blaikie (eds), *Forests, People and Power: The political ecology of reform in South Asia*. Earthscan: London.

Malhotra, K.C. & **Debal Deb**. 1998. 'History of Deforestation and Regeneration/ Plantation in Midnapore District of West Bengal, India, pp. 279-300. In: S.B. Roy, M.Chatterjee, G. Yadav & R. Mukherjee (eds.), *Policy to Practice of Joint Forest Management*. Indian Institute of Bio-Social Research and Development (IBRAD). Kolkata.

Deb, Debal 1993. Evolution of joint forest management in Southwest Bengal: a subaltern detail. *Social Action* 43: 368-374.

Deb, Debal & K C Malhotra 1993. People's participation: the evolution of joint forest management in West Bengal. Pp. 329-342. In: S B Roy and A Ghosh (eds), *People of India: the Biocultural Dimensions*. Inter-India Publication: New Delhi.

Malhotra, K C, **Debal Deb**, M Dutta, et al. 1993. The role of non-timber forest products in village economies of southwest Bengal. *Rural Development Network Paper* 15d. (Summer 1993) ODI: London.

Deb, Debal & K C Malhotra 1992. Forest regeneration and plantation in Midnapore District: a status report. *Wastelands News* (New Delhi) 7 (3): 32-33.

Malhotra, K C, **Debal Deb**, M Dutta, et al. 1992. The Role of Non-Timber Forest Products in Village Economy. IBRAD: Calcutta.

Malhotra, K C, **Debal Deb** & T S Vasulu 1992. Restitution of biodiversity in Southwest Bengal forests. *Journal of the Indian Anthropological Society* (Calcutta) 27: 35-47.

Malhotra, K C, M. Poffenberger, A Bhattacharya & **Debal Deb** 1991. Rapid appraisal methodology trials in southwest Bengal: assessing natural regeneration patterns and non-wood forest product harvesting practices. *Forests, Trees and People* No. 15/16: 18-25.

List of Publications (contd.)

Development Studies & Ecological economics

Deb, Debal 2022. An archeology of development. *Mainstream LX* (2); <https://mainstreamweekly.net/article11899.html>

Lele, S., O. Springate-Baginski, R. Lakerveld, **Debal Deb** & P. Dash 2013. Ecosystem services: origins, contributions, pitfalls, and alternatives. *Conservation and Society* 11(4): 343-358.

Deb, Debal 2009. *Beyond Developmentality: Constructing Inclusive Freedom and Sustainability*. Earthscan/ Routledge (London).
[Reviewed in *Frontline*, *Economic Geography*, *Journal of Cleaner Production*, *Development in Practice*, *Economic Botany*, *Environmental Politics*, *Ecological Economics*, *Long Range Planning*, *Umwelt Aktuell*, etc.]

Deb, Debal 2006. Development against freedom and sustainability. *Capitalism Nature Socialism* 17: 49-70.

Deb, Debal 2004. Tagore's Oriental Postmodernity. *Ctheory.Net* (29/9/2004) <https://journals.uvic.ca/index.php/ctheory/article/view/14690/5565>

Deb, Debal 2003. The non-use value of biodiversity and biophilia. Document for NBSAP. <https://cintdis.org/images/PDF/nuvalue.pdf>

Wood Chemistry

Deb, Debal & Priyabrata Roy 2021. Wood and bark lignin contents of trees from deciduous forests of eastern India. *Experimental Results* 2, e28, 1–10. doi:10.1017/exp.2021.18.

Ecotoxicology

Deb, Debal & S Banerjee 1987. Muscle protein degradation in fishes exposed to Mahua oil cake. *Environment and Ecology* 5: 704-706.

Folkloristics

Mandal, P. & **Debal Deb** 1995. Structural generalities in folk tales from three States of North-East India. *Journal of the Indian Anthropological Society* 29: 105-111.

Film theory

Deb, Debal 1990. *The Sacrifice*: despair, faith and negative classicism. *Deep Focus* (Bangalore) 3(3): 36-41.

Monographs, Technical Reports and Data Papers

Mondal, Priya, Souvik Datta & D. Deb 2020. An Examination of Contents of Phenolics and Flavonoids, and Antioxidant Potentials of Uncooked vs Cooked Grains of Selected Rice Landraces. Basudha Data Paper #5. Basudha Laboratory for Conservation. Kolkata.

Roy, Priyabrata, Debal Deb, Mousumi Poddar Sarkar, Brindaban Roy & Tanima Saha 2020. An Analysis of B Vitamins in Selected Indian Rice Landraces. Basudha Data Paper #4. Basudha Laboratory for Conservation. Kolkata.

Deb, D. & P. Roy, 2019. Nutritional Properties of Wild Food Biota from Odisha. Basudha Data Paper #3. Basudha Laboratory for Conservation. Kolkata.

List of Publications (contd.)

Deb, Debal 2018. Traditional Culinary Uses of Selected Rice Landraces of India. Basudha Data Paper #2. Basudha Laboratory for Conservation. Kolkata.

Deb, D, Debdulal Bhattacharya, Mahendra Nauri & Mita Dutta 2018. An Inventory of Folk Rice Varieties of India, Bangladesh and Sri Lanka, adapted to Different Edapho-Climatic Conditions. Basudha Data Paper #1. Basudha Laboratory for Conservation. Kolkata.

Deb, Debal, Kavitha Kuruganti, V Rukmini Rao and Salome Yesudas 2014. *Forests as Food Producing Habitats: An exploratory study of uncultivated foods and food & nutrition security of Adivasis in Odisha*. Living Farms: Bhubaneswar. <http://agrobiodiversityplatform.org/files/2014/10/Forests-as-Food-producing-habitats.pdf-28th-September.pdf>

Deb, Debal 2013. *Toward Sustainable Use of Forest Resource: Connecting Forest Ecology to Village Economy*. RCDC. Bhubaneswar. http://rcdcindia.org/PbDocument/eea4848fc0d9b6c-f060-4828-aeb5-c673cfb48035RCDC_Redd_ecological.pdf

Deb, Debal 2004. Non-use value of biodiversity and biophilia. In: KC Malhotra et al (eds), *Culture and Biodiversity: Thematic Action Plan for National Biodiversity Strategy and Action Plan*. Ministry of Environment and Forests, Government of India/ Kalpavriksh: Pune. [Available at: <http://www.cintdis.org/media/nuvalue.pdf>]

Deb, Debal 1998. *The human ecology of Ritchie's Archipelago: The Anthropogenic impact on Rani Jhansi Marine National Park*. Andaman and Nicobar Islands Environmental Team, Madras Crocodile Bank Trust: Mamallapuram, India.

Deb, Debal, T S Vasulu & K C Malhotra 1994. *Tribal cultural heritage and biodiversity conservation*. Mimeo. WWF-India Eastern India: Calcutta.

Deb, Debal 1991. *Ecological methods for estimating primary productivity for sal forests: a review and some recommendations*. Working Paper. IBRAD: Calcutta.

Deb, Debal 1990. *An estimation of the possible effects of community leaf harvesting on the productivity of sal forests in West Bengal*. Working Paper. IBRAD: Calcutta.

Book Reviews

2011. Review of *Rebels for the Soil* by Matthew Reed. *Economic Botany* 65 (2): 236-237.

2010. Review of *Sacred Spaces and Religious Traditions in Oriente Cuba* by Jualynne E. Dodson. *Economic Botany* 64 (3): 269-270.

1997. Review of *Taming the Dragon: Transforming economic institutions in the face of global change* by Carlo C Jaeger. *Journal of Human Ecology* 9: 201-204.

1992. Review of *Vaulting Ambition: Sociobiology and the Quest for Human Nature* by Philip Kitcher. *Journal of the Indian Institute of Science* 72: 217-219.

Data Papers

Deb, Debal 2024. 'Data of Rice Flower Opening Time and Sunlight Intensity under Open Sunlight, Cloud Cover, and Experimental Shading-2022', Mendeley Data, V2, doi: 10.17632/hnxbcf72c.2

Deb, Debal, 2024. Data of Rice FOT & Illuminance & Expt-2022-Summary", Harvard Dataverse, V3, <https://doi.org/10.7910/DVN/VWHNWX>

Deb, Debal, 2023, "Photoperiod Sensitivity Index Calculation from Sowing and Flowering Dates", Harvard Dataverse, V1, <https://doi.org/10.7910/DVN/0MECY3>

Deb, Debal 2023. Flower opening time of Photoperiod Sensitive and Photoperiod Insensitive Rices on Sunny Days. Harvard Dataverse, V1, <https://doi.org/10.7910/DVN/QRCNMD>

Deb, Debal and P.Roy 2022, "Replication Data for: Wood and bark lignin contents of trees from deciduous forests of eastern India", Harvard Dataverse, V1, <https://doi.org/10.7910/DVN/KSHLZG>.