
References

References

1. Adams, R., et al., *Dry Lands: Man and Plants* (London: Architectural Press, 1978), 152 pp., as cited in Wood, et al., 1982.
2. Allan, T. G., "Plantation Planting and Weeding in Savanna," *Savanna Afforestation in Africa* (Rome: Food and Agriculture Organization, 1977), pp. 139-148.
3. Anonymous, "Seeds From Nine Tropical Plant Species Previously Thought Unsuitable to Storage in Liquid Nitrogen Proved Successful in Tests," *Diversity* 1(3):2, 1982.
4. Anonymous, "Plastic Irrigation," *Discover* 3(11):73, 1982.
5. Anonymous, "Super Slurper," *Agricultural Research*, ARS/USDA, 1975.
6. Arnold, J. E. M., "Community Participation in Forestry Projects," prepared for Conference on Forestry and Development in Asia, held in Bangalore, India, Apr. 19-23, 1982, 12 pp.
7. Arnold, J. E. M., *Forestry for Community Development* (Rome: Food and Agriculture Organization, 1981), 16 pp.
8. Barnard, R. C., "The Control of Lalang (*Imperata arundinacea* var. *major*) by Fire and Planting," *Malaysian Forester* 17:152-156, 1954, as cited in Wood, et al., 1982.
9. Batchelder, R. B., and Hirt, H. F., "Fire in Tropical Forests and Grasslands," U.S. Material Command, U.S. Army Natick Laboratory, Technical Report 67-41-ES, 1966, 380 pp.
10. Bettenay, E., "Trees for Managing Land for Water Yield and Quality," *Integrating Agriculture and Forestry*, K. N. W. Howes and R. A. Rummery (eds.) (Melbourne, Australia: CSIRO, 1978), pp. 33-38, as cited in Wood, et al., 1982.
11. Blom, P. S., "Leucaena, a Promising Versatile Leguminous Tree for the Tropics," *International Tree Crops Journal* 1:221-236, 1981, as cited in Wood, et al., 1982.
12. Bollinger, H., forest ecologist, personal communication, 1983.
13. Bonga, J. M., and Durzan, D. J. (eds.), *Tissue Culture in Forestry* (The Hague, The Netherlands: Martinus Nijhoff/Junk Publishing, 1982), 426 pp.
14. Brown, L., *The Worldwide Loss of Cropland*, World Watch Institute, Paper 24, October 1978.
15. Brown, L., *In the Human Interest* (New York: W. W. Norton & Co., 1974).
16. Buringh, P., *Introduction to the Study of Soils in Tropical and Subtropical Regions* (Wageningen, The Netherlands: Centre for Agricultural Publishing and Documentation, 1968), 118 pp.
17. Burley, J., "Choice of Tree Species and Possibility of Genetic Improvement for Smallholder and Community Forests," *Commonwealth Forestry Review* 59(3):311-326, 1980, as cited in Wood, et al., 1982.
18. Call, C. A., "Effects of Endomycorrhizae on the Establishment and Growth of Native Shrubs on Paraho Processed Oil Shale and Disturbed Native Soil," Ph. D. thesis, Utah State University, Logan, Utah, 1981, 132 pp.
19. Champion, H. G., and Seth, S. K., *General Silviculture for India* (Delhi, India: Controller of Publications, 1968), 511 pp., as cited in Wood, et al., 1982.
20. Chandler, T., and Spurgeon, D. (eds.), *International Cooperation in Agroforestry*, Proceedings of DSE/ICRAF Conference, Nairobi Kenya, July 16-21, 1979, 469 pp.
21. Daft, M. J., and Hacsakaylo, E., "Growth of Endomycorrhizal Red Maple Seedlings in Sand and Anthracite Spoil," *Forest Science* 23:207-216, 1977.
22. Dalal, S. S., "Afforestation of Salt-Affected Soils in Haryana," *Proceedings of Second All-India Forestry Conference*, Dehra Dun, India, 1980, as cited in Wood, et al., 1982.
23. Dalmacio, M. V., and Banragen, F., "Direct Seeding of *Pinus kesiya* as Affected by Time of Seeding, Site Preparation and Seed Coating," *Silvatrop. Philipp. For. Res. Journal* 1:215-222, 1976, as cited in Evans, 1982.
24. de las Salas, O. (cd.), *Agroforestry Systems in Latin America*, proceedings of a workshop at CATIE, Turrialba, Costa Rica, March 1979, UNU/CATIE, 226 pp.
25. Delwaulle, J. C., "Forest Plantations in Dry Tropical Africa," *Bois Forêts Tropicales* 3-17 (78) and 3-17(79), 1977, as cited in Wood, et al., 1982.
26. Eckholm, E., and Brown L., *Spreading Deserts—the Hand of Man*, Worldwatch Paper No. 13 (Washington, D. C.: Worldwatch Institute, 1977), 40 pp.
27. Eckholm, E., *Losing Ground* (New York: W. W. Norton & Co, 1976), 223 pp.
28. El Dafei, A. R. A., "Forests and the Rural Sudanese Community," *Woodpower: New Perspectives on Forest Usage*, J. J. Talbot and W. Swanson (eds.) (New York: Pergamon Press, 1981), pp. 89-102, as cited in Gallegos, et al., 1982.

29. Evans, J., *Plantation Forestry in the Tropics* (Oxford, England: Clarendon Press, 1982), 472 pp.
30. Falvey, J. L., "Gliricidia maculata—A Review," *International Journal of Tree Crops* 2, in press, 1982, as cited in Wood, et al., 1982.
31. Fontaine, R. G., et al., "Secondary Successions," *Tropical Forest Ecosystems—A State of Knowledge Report*, A. Sasson and B. Hopkins (eds.) (Paris: UNESCO/UNEP/FAO, 1978), pp. 216-232, as cited in Wood, et al., 1982.
32. Food and Agriculture Organization, *Establishment Techniques for Forest Plantations*, G. W. Chapman and T. G. Allan, Food and Agriculture Organization Forestry Paper No. 8, Rome, 1978, 183 pp.
33. Food and Agriculture Organization, *Tropical Forest Resources Assessment Project [GEMS]: Tropical Africa, Tropical Asia, Tropical America* (4 vols.) (Rome: Food and Agriculture Organization/UNEP, 1981),
34. Food and Agriculture Organization, *Agroforesterie Africaine* (Rome: Food and Agriculture Organization, 1981), 44 pp.
35. Food and Agriculture Organization/UNESCO, *Desertification Map of the World*, prepared for the U.N. Conference on Desertification, 1977, UNEP, Nairobi, Kenya, 1977.
36. Fripiat, J., and Herbillon, A. J., "Formation and Transformation of Clay Minerals in Tropical Soils," *Soils and Tropical Weathering*, Proc. of Bandung Symposium, Natural Resources Research XI, UNESCO, Paris, 1971, pp. 15-22.
37. Gallegos, C. M., Davey, C. B., Kellison, R. L., Sanchez, P. A., and Zobel, B. J., "Technologies for Reforestation of Degraded Lands in the Tropics," OTA commissioned paper, unpublished, 1982, 134 pp.
38. Geary, T., Asia Coordinator of Forestry Support Program, USFS/AID, Washington; D. C., personal communication, 1982.
39. Ghosh, R. C., "Afforestation and Management of Tropical Wastelands in India," OTA commissioned paper, unpublished, 1982, 80 pp.
40. Ghosh, R. C., *Handbook of Afforestation Techniques* (Delhi, India: Controller of Publications, 1977), 411 pp., as cited in Ghosh, 1982.
41. Gibson, T. A., and van Diepen, D., "Land Use in Northern Thailand Highlands," U.N. Programme for Drug Abuse Control (Chiang Mai), unpublished report, 1977, as cited in Wood, et al., 1982.
42. Goor, A. Y., and Barney, C. W., *Forest Tree Planting in Arid Zones* (New York: Ronald Press, 1976], 2d cd., 504 pp., as cited in Wood, et al., 1982,
43. Goudie, A., *Duricrusts in Tropical and Subtropical Landscapes* (London: Oxford University Press, 1973), 174 pp.
44. Grainger, A., "The Development of Tree Crops and Agroforestry Systems," *The International Tree Crops Journal* 1(1):3-14, 1980, as cited in Wood, et al., 1982.
45. Gregersen, H., "Valuing Goods and Services From Tropical Forests and Woodlands," OTA commissioned paper, unpublished, 1982, 58 pp.
46. Gribbin, J., "The Other Face of Development," *New Scientist* 96(1334):489-495, 1982.
47. Hadipoernomo, "Critical Land Rehabilitation With Air Seeding," *Duta Rimba* 5(31):9-12, Jakarta, Indonesia, 1979, as cited in Wood, et al., 1982.
48. Halliday, J., "Agrotechnologies Based on Symbiotic Systems That Fix Nitrogen," *Background Papers for Innovative Biological Technologies for Lesser Developed Countries*, paper No. 5, Washington, D. C., 1981, pp. 243-270.
49. Harrison, P., "Can Indonesia Farm the Swamps?" *New Scientist*, Dec. 22-29, 1977, pp. 804-805.
50. Hecht, S. B., "Some Environmental Consequences of Conversion of Forest to Pastures in Eastern Amazonia," Ph. D. thesis, Department of Geography, University of California, Berkeley, 1980.
51. Hirschman, A. O., *Development Projects Observed* (Washington, D. C.: The Brookings Institution, 1967), 197 pp.
52. Helm, L. G., Weldon, L. W., and Blackburn, R. D., "Aquatic Weeds," *Man Impact on the Environment*, T. R. Detwyler (ed.) (New York: McGraw-Hill Book Co., 1969), pp. 246-265,
53. Hoskins, M., "Community Forestry Depends on Women," *Unasylva* 32(130):27-32, 1980.
54. Hoskins, M., "Community Participation in African Fuelwood Production, Transformation, and Utilization," paper prepared for workshop on Fuelwood and Other Renewable Fuels in Africa (Paris: 1979), 62 pp.
55. International Labor Organization, "Appropriate Technology for the Establishment and Maintenance of Forest Plantations" (Manila: ILO, 1979), as cited in Wood, et al., 1982.
56. Janos, D. P., "Mycorrhizae Influence Tropical Succession," *Biotropica* 12 (supplement):56-64, 1980,
57. Janzen, D. H., "Tropical Agroecosystems," *Science* 182:1212-1219, 1973,

58. Jones, N., and Burley, J., "Provenance Nomenclature, Genetic History and Seed Certification," *Silvae Genetica* 22(3):53-58, 1973, as cited in Wood, et al., 1982.
59. Jordan, C. F., and Farnsworth, E. G., "Natural vs. Plantation Forests: A Case Study of Land Reclamation Strategies for the Humid Tropics," *Environment/ Management* 60(6):485-492, 1982.
60. Jurien, F., and Henry, J., "Can Primitive Farming be Modernized?," INEAC Ser. Hors 1969, Institut National pour L'Étude d'Agronomie De Congo, Brussels, 1969, 445 pp., as cited in Gallegos, 1982.
61. Kadeba, O., "Nutritional Aspects of Afforestation With Exotic Tree Species in the Savanna Region of Nigeria," *Commonwealth Forestry Review* 57(3):191-199, 1978.
62. Kamsilan, "The Place of Agroforestry in Land-Use Planning in Indonesia," *observations on Agroforestry on Java, Indonesia*, J. F. Wiersum (ed.), Department of Forest Management, University of Wageningen, The Netherlands, 1981, pp. 49-55, as cited in Wood, et al., 1982.
63. Kaul, R. N., *Afforestation in Arid Zones* (The Hague, The Netherlands: Junk Publishing, 1970), 435 pp., as cited in Wood, et al., 1982.
64. Keller, W. D., *The Principles of Chemical Weathering* (Washington, D. C.: Lucas Bros. Publishing Service [Item 990, No. 5967, January 1961], 1962), pp. 540-657.
65. Kermani, W. A., "Aerial Seed Sowing in Riverine Forest Areas of Sind," Paper Forestry Conference, Pakistan Forestry Institute, 1974, as cited in Evans, 1982.
66. King, K. F. S., "Agroforestry and the Utilization of Fragile Ecosystems," *Forest Ecology Management* 2:161-168, 1979.
67. Kovda, V. A., "The Management of Soil Fertility," UNESCO, *Nature and Resources* 8(2): 2-4, 1972.
68. Ladrach, W., forester, Carton de Colombia, personal communication, 1982.
69. Lal, R., and Greenland, O. J. (eds.), *Soil Properties and Crop Production in the Tropics* (New York: John Wiley & Sons, 1979), 551 pp.
70. Lambert, D. H., and Cole, H., "Effects of Mycorrhizae on Establishment and Performance of Forage Species on Mine Spoil," *Agronomy Journal* 72:257-260, 1980.
71. Laudelot, H., *Dynamics of Tropical Soils in Relation to Their Fallowing Techniques*, Food and Agriculture Organization, 1960, 102 pp.
72. Li Jincheng, "Lessons Learned From Heavy Floods," *Mazingira* 6(2):58-62, 1982.
73. Lundgren, B., "The Use of Agroforestry to Improve the Productivity of Converted Land," OTA commissioned paper, unpublished, 1982, 82 pp.
74. Lundgren, B., Director, ICRAF, personal communication, 1982.
75. Lundgren, B., "Plantation Forestry in Tropical Countries—Physical and Biological Potentials and Risks," *Reports in Forest Ecology and Forest Soils No. 31*, Swedish University of Agrisciences, 1980, as cited in Wood, et al., 1982.
76. Menge, J., "Mycorrhiza Agriculture Technologies," *Background Papers for Innovative Biological Technologies for Lesser Developed Countries*, Office of Technology Assessment Workshop, Nov. 24-25, 1980, committee print, House Committee on Foreign Affairs, 97th Cong., 1st sess. (Washington, D.C.: Government Printing Office, September 1981), pp. 383-424.
77. Mikola, P. (ed.), *Tropical Mycorrhizae Research* (New York: Oxford University Press, 1980), 257 pp.
78. National Academy of Sciences, *Sowing Forests From the Air* (Washington, D. C.: National Academy of Sciences, 1981), 61 pp.
79. National Academy of Sciences, *Firewood Crops: Shrub and Tree Species for Energy Production* (Washington, D. C.: National Academy of Sciences, 1980), 237 pp.
80. National Academy of Sciences, *Tropical Legumes: Resources for the Future* (Washington, D. C.: National Academy of Sciences, 1979), 331 pp.
81. National Academy of Sciences, *Leucaena: Promising Forage and Tree Crop for the Tropics* (Washington, D. C.: National Academy of Sciences, 1977), 115 pp.
82. National Academy of Sciences, *Underexploited Tropical Plants With Promising Economic Value* (Washington, D. C.: National Academy of Sciences, 1975), 189 pp.
83. National Research Council, *Innovations in Tropical Reforestation V: Calliandra* (Washington, D. C.: National Academy Press, in press).
84. National Research Council, *Innovations in Tropical Reforestation VI: Casuarina* (Washington, D.C.: National Academy Press, in press).
85. National Research Council, *Innovations in Tropical Reforestation IV: Mangium and Other Acacia of the Humid Tropics* (Washington, D. C.: National Academy Press, in press).

86. Nicholson, D. I., "A Note on *Acacia auriculiformis* A. Cunn. ex Beth in Sabah," *Malaysian Forester* 28:243-244, 1965, as cited in Wood, et al., 1982.
87. Nienstaedt, H., "Tree Improvement and Its Place in Intensive Forest Management," *Proc. 8th World Forestry Congress*, Jakarta, FID-1/17-28, 1978, as cited in Evans, 1982.
88. Nye, R. H., and Greenland, D. J., "The Soil Under Shifting Cultivation," Commonwealth Bureau of Soils, Harpenden, United Kingdom, Tech. Comm. 51., 1960, 156 pp.
89. OECD, *OECD Scheme for the Control of Forest Reproductive Material Moving in International Trade* (Paris: Organization for Economic Cooperation and Development, 1974), 21 pp., as cited in Wood, et al., 1982.
90. Office of Technology Assessment, *Impacts of Technology on U.S. Cropland and Rangeland Productivity* (Washington, D. C.: U.S. Congress, Office of Technology Assessment, August 1982), OTA-F-166.
91. Paul, D. K., "A Handbook of Nursery Practice for *pin us caribaea* var. *hondurensis* and other Conifers in West Malaysia" (Kuala Lumpur, Malaysia: UNDP/FAO, 1972), 139 pp., as cited in Wood, et al., 1982.
92. Pereira, C., "Soil and Water Management Technologies for Tropical Countries," OTA commissioned paper, unpublished, 1982, 33 pp.
93. Pereira, C., *Land Use and Water Resources* (London: Cambridge University Press, 1973), 246 pp.
94. Plant Resources Institute, "Commercial Uses of Plant Tissue Culture and Potential Impact of Genetic Engineering on Forestry," OTA commissioned paper, unpublished, 1981, 53 pp.
95. Poulsen, G., *Man and Tree in Tropical Africa*, International Development Research Center (IDRC), 1978, 101 pp.
96. Qadri, T., professional forester with experience in India, personal communication, 1982.
97. Ranney, J. W., Cushman, J. H., and Trimble, J. L., "The Short Rotation Woody Crops Program: A Summary of Research Sponsored by the Biomass Energy Technology Division of Oak Ridge National Laboratory," draft, 1982, 33 pp.
98. Rae, A. N., "Tissue Culture of Economically Important Plants," *Proc. of the International Symposium*, National University of Singapore, Apr. 28-30, 1981, 307 pp.
99. Read, V. T., *Reafforestation in the Markham Valley, Papua New Guinea: An Ecological Appraisal of a Study Area in the Upper Markham Valley With Some Recommendations for Afforestation*, School of Applied Science, Canberra College of Advanced Education (Belconnen), MS., 1980, as cited in Wood, et al., 1982.
100. Rice, R. M., "The Effects of Forest Management on Erosion and Sedimentation Due to Landslides," *Proc. 8th World Forestry Congress*, Jakarta, Indonesia, FFF/5-10, 1978.
101. Rimando, E. F., and Dalmacio, M. V., "Direct Seeding of Ipil-ipil," *Sylvatrop., Phillip. For. Res. Jrnl.* 3:171-175, 1976, as cited in Wood, et al., 1982.
102. Rudjiman, "Multiple-Purpose Species for Planting on Critical Soils on Java," *Observations on Agroforestry on Java, Indonesia*, K. F. Wiersum (ed.), Department of Forest Management, University of Wageningen, The Netherlands, 1981, pp. 76-89.
103. Rudolph, V. J., et al., "Forestry in Brazil: An Awakening Giant," *Journal of Forestry* 76(12): 784-786, 1978.
104. Sanchez, P. A., *Properties and Management of Soils in the Tropics* (New York: John Wiley & Sons, 1976), 618 pp.
105. Santiago, "Gynecological Aspects of Imperata Weed and Its Practical Implications," *Proceedings of BIOTROP Workshop on Alang-alang*, vol. I, Bogor, Indonesia, 1976, pp. 23-34.
106. Seubert, C. E., Sanchez, P. A., and Valverde, C., "Effects of Land Clearing Methods on Soil Properties of an Oltisol and Crop Performance on an Amazon Jungle of Peru," *Tropical Agriculture* 54:307-321, Trinidad, 1977.
107. Sioli, H., "Soils in the Estuary of the Amazon: UNESCO," *Scientific problems of the Humid Tropical Zone-Deltas and Their Implications*, 1964, pp. 89-96.
108. Smith, N., "Colonization Lessons From a Tropical Forest," *Science* 214:755-761, 1981.
109. Soewardi, B., and Sastradipradja, D., "Alang-alang (*Imperata cylindrica* [L.] Beauv.) and Animal Husbandry," *Proceedings of BIOTROP Workshop on Alang-alang*, vol. I, Bogor, Indonesia, 1980, pp. 157-158.
110. Sukartaatmadia, K., and Siregar, O., "Control of Alang-alang by Combinations of Shading With *Gliricidia maculata* H.B.K. and Dalapon Application," *Contributions of the Weed Society* 1:167-172, Bogor Agricultural University, Indonesia, 1971, as cited in Wood, et al., 1982.
111. Synnott, T. J., and Kemp, R. H., "Choosing the

- Best Silvicultural System," *Unasylva* 28:14-79, 1976.
112. Tinus, R. W., and McDonald, S. E., "How to Grow Tree Seedlings in Containers in Greenhouses," General Technical Report RM-60, USDA Forest Service, 1979, 251 pp.
 113. Tinus, R. W., Stein, W. I., and Balmer, W. E. (eds.), Proc. North American Containerized Forest Trees Seedling Symposium, Great Plains Agricultural Council Publication No. 81, 1974.
 114. United Nations, *U.N. Conference on Desertification: Round-up, Plan of Action, and Resolutions* (New York: United Nations, 1978).
 115. UNEP, "Overview Document, Experts Meeting on Tropical Forests," Nairobi/Libreville, Feb. 25-Mar. 1, 1980, UNEP/WG.35/4, Nairobi, Kenya, 1980.
 116. UNESCO, "International Working Group on Project 1: Ecological Effects of Increasing Human Activities on Tropical and Subtropical Forest Ecosystems," final report, Programme on Man and the Biosphere (MAB) (Paris: UNESCO, 1974), 64 pp., as cited in Wood, et al., 1982.
 117. U.S. Department of the Interior, "World Record River Flow Measured on Amazon," Geological Survey News Release, Aug. 10, 1972, p. 3.
 118. von Maydell, H. J., *Baum-und Straucharten der Sahelzone unter besonderer Berücksichtigung ihrer Nutzungsmöglichkeiten*, GTZ, Eschborn, Germany, 1981, 526 pp., as cited in Wood, et al., 1982.
 119. Van Wambeke, A., "properties and Potentials of Soils in the Amazon Basin," *Interciencia* 3(4):233-241, 1978.
 120. Venator, C. R., "Directory of Manufacturers and Distributors of Containers Suitable for Growing Forest Tree Seedlings," ITF Research Note #15, USDA, Forest Service, 1975.
 121. Vergara, N. T., *Integral Agroforestry: A Potential Strategy for Stabilizing Shifting Cultivation and Sustaining Productivity of the Natural Environment*, Environment and Policy Institute, East-West Center, Honolulu, Hawaii, working paper, 1981, 33 pp.
 122. Wadsworth, F., "Secondary Forest Management and Plantation Forestry Technologies to Improve the Use of Converted Tropical Lands," OTA commissioned paper, unpublished, 1982, 102 pp.
 123. Watters, R. F., *Shifting Cultivation in Latin America*, U.N. Food and Agriculture Organization Forestry Development Paper No. 17, Rome, 1971, 305 pp.
 124. Wattle Research Institute, *Handbook of Eucalyptus Growing* (Pietermaritzburg, South Africa: Wattle Research Institute, 1972), as cited in Wood, et al., 1982.
 125. Webb, D. E., Wood, P. J., and Smith, J., "A Guide to Species Selection for Tropical and Subtropical Plantations," *Tropical Forestry Paper No. 15* (Oxford, England: Commonwealth Forestry Institute, 1980), 342 pp., as cited in Wood, et al., 1982.
 126. Weber, F. R., forestry consultant, personal communication, 1982.
 127. Weber, F. R., *Reforestation in Arid Lands*, VITA Publications Manual Series 37E, 1977, 248 pp.
 128. Weidelt, H. J. (compiler), "Manual of Reforestation and Erosion Control for the Philippines," GTZ, Eschborn, Germany, 1976, 569 pp., as cited in Wood, et al., 1982.
 129. Wiersum, K. F., and Ramlan, A., "Cultivation of *Acacia auriculiformis* on Java, Indonesia," *Commonwealth Forestry Review* 61:135-145, 1982.
 130. Wilken, G. C., "Integrating Forest and Small Scale Farm Systems in Middle America," *Agroecosystems* 3:291-302, 1977, as cited in Evans, 1982.
 131. Wood, P. J., Burley, J., and Grainger, A., "Technologies and Technology Systems for Reforestation of Degraded Tropical Lands," OTA commissioned paper, unpublished, 1982, 114 pp.
 132. World Bank and Food and Agriculture Organization, "Forestry Research Needs in Developing Countries—Time for a Reappraisal?" paper for 17th IUFRO Congress, Kyoto, Japan, Sept. 6-17, 1981, 56 pp.
 133. World Bank, *Forestry: Sector Policy Paper* (Washington, D. C.: World Bank, 1978), 65 pp.
 134. Yadav, J. S. P., "Salt Affected Soils and Their Afforestation," Proceedings of Second All-India Forestry Conference, Dehra Dun, India, 1980, as cited in Wood, et al., 1982.
 135. Zobel, B., tree geneticist, North Carolina State University, Department of Forestry (Professor Emeritus), personal communication, 1982.