

The germination of *acacias* - a bibliography¹

EIGHTH SUPPLEMENT

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General

- Ref. 130S. Bell, D.T. (1994). Interaction of fire, temperature and light in the germination response of 16 species from the *Eucalyptus marginata* forest of south-western Western Australia. *Australian Journal of Botany* 42(5): 501-509 - En.
- Ref. 131S. Hughes, L. (1991). The relocation of ant nest entrances: potential consequences for ant-dispersed seeds. *Australian Journal of Ecology*, 16(2): 207-214 - En.
- Ref. 132S. Miller, M.F. (1994). The costs and benefits of *Acacia* seed consumption by ungulates. *Oikos* 71(1): 181-187 - En.
- Ref. 133S. Miller, M.F. (1995). *Acacia* seed survival, seed germination and seedling growth following pod consumption by large herbivores and seed chewing by rodents. *African Journal of Ecology* 33(3): 194-210 - En.
- Ref. 134S. Singh, C. *et al.* (1991). *Acacias* for arid regions. *Acta Botanica Indica* 19(1): 29-32 - En.
- Ref. 135S. Williams, E.R., Gunn, B. and Reynolds, D. (1992). Germination tests for small collections of *Acacia* seed. *Seed Science and Technology* 20(2): 321- - En.

Individual Species

Acacia albida Del. (=Faidherbia albida (Del.) A. Chev.)

- Ref. 136Sa. Hauser, T.P. (1994). Germination, predation and dispersal of *Acacia albida* seeds. *Oikos* 70(3): 421-426 - En.
- Ref. 136Sb. Masamba, C. (1994). Presowing seed treatments on 4 African *Acacia* species - appropriate technology for use in forestry for rural development. *Forest Ecology and Management* 64(2-3): 105-109 - En.
- Ref. 136Sc. Stewart, H.T.L. (1988). Effect of fertiliser and sowing date on establishment and early growth of direct-seeded *Acacia albida* in Zimbabwe. *Nitrogen Fixing Tree Research Reports* (6): 40-42 - En.

Acacia aneura F. Muell. ex Benth.

- Ref. 137S. Hodgkinson, K.C. and Oxley, R.E. (1990). Influence of fire and edaphic factors on germination of the arid zone shrubs *Acacia aneura*, *Cassia nemophila* and *Dodonea viscosa*. *Australian Journal of Botany* 38(3): 269 - En.

¹ The first article in this series was published in Bull. IGSM 7: 24-35 (1979).

Acacia asak (Forssk.) Willd.

Ref. 138S. Abulfatih, H.A. (1995). Seed germination in *Acacia* species and their relation to altitudinal gradient in south-western Saudi Arabia. *Journal of Arid Environments* 31(2): 171-178 - En.

Acacia auriculiformis A. Cunn. ex Benth.

Ref. 139S. Khasa, P.D. (1993). Acid scarification and hot water soaking of *Racosperma auriculiforme* seeds. *Forestry Chronicle* 69(3): 331-334 - En.

Acacia berlandieri Benth.

Ref. 140Sa. Owens, M.K., Wallace, R.B. and Archer, S. (1995a). Seed dormancy and persistence of *Acacia berlandieri* and *Leucaena pulverulenta* in semi-arid environments. *Journal of Arid Environments* 29(1): 15-23 - En.

Ref. 140Sb. Owens, M.K., Wallace, R.B. and Archer, S.R. (1995b). Landscape and microsite influences on shrub recruitment in a disturbed semi-arid *Quercus juniperus* woodland. *Oikos* 74(3): 493-502 - En.

Acacia catechu Willd.

Ref. 141S. Pandey, D.K. and Soni, P. (1994). Distillery effluent - a potential resource for irrigating forest seed beds. *Ambio* 23(4-5): 267-268 - En.

Acacia caven (Molina) Molina

Ref. 142S. Bahuguna, V.K. and Lal, Pyare. (1993). Introduction trials of *Acacia caven* at nursery stage. Germination behaviour and growth of seedlings under Dehra Dun conditions. *The Indian Forester* 119(11): 905 - En.

Acacia cyclops A. Cunn. ex G. Don

Ref. 143S. Knight, R.S. and Macdonald, I.A.W. (1991). *Acacias* and korhans: an artificially assembled seed dispersal system. *South African Journal of Botany* 57(4): 220-225 - En.

Acacia drummondii Lindl.

Ref. 144Sa. Rokich, D.P. and Bell, D.T. (1995). Light quality and intensity effects on the germination of species from the Jarrah (*Eucalyptus marginata*) forest of Western Australia. *Australian Journal of Botany* 43(2): 169-179 - En.

Ref. 144Sb. Bell, D.T., Rokich, D.P., McChesney, C.J. and Plummer, J.A. (1995). Effects of temperature, light and gibberellic acid on the germination of seeds of 43 species native to Western Australia. *Journal of Vegetation Science* 6(6): 797-806 - En.

Acacia chrenbergiana Hayne

See Ref. 138S.

Acacia extensa Lindl.

See Ref. 144Sb.

Acacia farnesiana (L.) Willd.

Ref. 145Sa. Morenocasasola, P., Grime, J.P. and Martinez, M.L. (1994). A comparative study of the effects of fluctuations in temperature and moisture supply on hard coat dormancy in seeds of coastal tropical legumes in Mexico. *Journal of Tropical Ecology* 10(1): 67-86 - En.

Ref. 145Sb. Vora, R.S., Schumacher, R.W. and Labus, Z. (1988). Planting seeds of four south Texas native species under mulch cover. *Texas Journal of Science* 40(4): 456-458 - En.

Acacia gerrardii Benth.

Ref. 146Sa. Mucunguzi, P. (1995). Effects of bruchid beetles on germination and establishment of *Acacia* species. *African Journal of Ecology* 33(1): 64-70 - En.

Ref. 146Sb. Mucunguzi, P. and Oryemoriga, H. (1996). Effects of heat and fire on the germination of *Acacia sieberiana* D.C. and *Acacia gerrardii* Benth. in Uganda. *Journal of Tropical Ecology* 12(1): 1-10 - En.

Acacia hamulosa Benth.

See Ref. 138S.

Acacia hebeclada DC.

Ref. 147S. Miller, M.F. (1994). Large African herbivores, bruchid beetles and their interactions with *Acacia* seeds. *Oecologia* 97(2): 265-270 - En.

Acacia holosericea A. Cunn. ex G. Don

Ref. 148S. Karunyal, S., Renuga, G. and Paliwal, K. (1994). Effects of tannery effluent on seed germination, leaf area, biomass and mineral content of some plants. *Bioresource Technology* 47(3): 215-218 - En.

Acacia iraqensis Rech. f.

See Ref. 138S.

Acacia karoo Hayne

Ref. 149Sa. Choinski, J.S. and Tuohy, J.M. (1991). Effect of water potential and temperature on the germination of four species of African savanna trees. *Annals of Botany* 68(3): 227- - En.

Ref. 149Sb. O'Connor, T.G. (1995). *Acacia karoo* invasion of grassland - environmental and biotic effects influencing seedling emergence and establishment. *Oecologia* 103(2): 214-223 - En.

Acacia lateriticola Maslin

See Ref. 144Sb.

Acacia ligulata A. Cunn ex Benth.

Ref. 150S. Auld, T.D. (1995). Soil seedbank patterns of four trees and shrubs from arid Australia. *Journal of Arid Environments* 29(1): 33-45 - En.

Acacia loderi Maiden

See Ref. 150S.

Acacia macrantha Humb. and Bonpl.

See Ref. 145Sa.

Acacia mangium Willd.

Ref. 151Sa. Newman, V. (1989). Occasional technical and scientific notes: Results of media trials using sawdust on germination of *Acacia mangium* Willd. Forest Research Centre, Sandakan, Sabah, FRC Publication No. 53 (also numbered as FRC Publication No. 2/89), pp. 17 - En.

Ref. 151Sb. Newman, V. (1989a). Occasional technical and scientific notes: Effects of pretreatment on germination of *Acacia mangium* Willd. in Sabah. Forest Research Centre, Sandakan, Sabah, FRC Publication No. 54 (also numbered as FRC Publication No. 3/89), pp. 21 - En.

Acacia mearnsii De Wild.

Ref. 152S. Huang, F.H., Alkhatry, J.M. and Gbur, E.E. (1994). Micropropagation of *Acacia mearnsii*. *In Vitro Cellular and Developmental Biology-Plant* 30P(1): 70-74 - En.

Acacia mellifera (Vahl.) Benth.

Ref. 153Sa. Srimathi, P., Vinaya Rai, R.S. and Surendran, C. (1991). Studies on the effect of seed coat colour and seed size on seed germination in *Acacia mellifera* (Vahl.) Benth. *Indian Journal of Forestry* 14(1): 1- - En.

Ref. 153Sb. Swaminathan, C, Vinaya Rai, R.S. and Sivagnanam, K. (1991). Effect of azimuth and crown position on seed germination in *Acacia mellifera* (Vahl.) Benth. *Indian Journal of Forestry*, 14(3): 220- - En.

Acacia oswaldii F. Muell.

See Ref. 150S.

Acacia nilotica Willd. ex Del.

Ref. 154Sa. Dhillon, G.P.S. and Khajuria, H.H. (1994). Genotypic variations in germination and potential in *Acacia nilotica* (L.) seeds. *Indian Journal of Forestry* 17(4): 345- - En.

Ref. 154Sb. El Atta, H.A. (1993). The effect of *Caryedon serratus* Oliver (Col., Bruchidae) on viability and germination of seeds of *Acacia nilotica* (L. Willd. ex Del.) in the Sudan. *Forest Ecology and Management* 57(1-4): 169-178 - En.

Ref. 154Sc. Ginwal, H.S., Rawat, P.S., Gera, Mohit, Gera, Neelu and Srivastava, R.L. (1995). Study on the pattern of seed germination of various subspecies cum provenances of *Acacia nilotica* Willd. ex. Del. under nursery conditions. *The Indian Forester* 121(1): 29- - En.

Ref. 154Sd. Krishan, B and Toky, O.P. (1994). Variation in seed germination and seedling growth of *Acacia nilotica* ssp. *indica* provenances. *Annals of the Arid Zone* 33(1): 57-60 - En.

Ref. 154Se. Krishan, B. and Toky, O.P. (1996). Provenance variation in seed germination and seedling growth of *Acacia nilotica* ssp. *indica* in India. *Genetic Resources and Crop Evolution* 43(1): 97-101 - En.

Ref. 154Sf. Palani, M., Dasthagir, M.G. and Kumaran, K. (1995). Effect of presowing chemical treatment on germination and seedling growth in *Acacia nilotica*. *The International Tree Crops Journal* 8(2-3): 189- - En.

See also Ref. 147S.

Acacia oerfota (Forssk.) Schweinf.

See Ref. 138S.

Acacia origena Asfaw

See Ref. 138S.

Acacia pulchella R. Br.

Ref. 155S. Davies, G.R., Osbourne, J.M. and Fox, J.E.D. (1989). Effect of soil type on early establishment of ecotypes. Curtin University, Bentley, Western Australia, Mulga Research Centre Occasional Report No. 4 -, pp 46 - En.

Acacia saligna (Labill.) H. Wendl.

See Ref. 143S.

Acacia schaffneri (S. Watts) F.J. Hermann

See Ref. 145Sb.

Acacia senegal (L.) Willd.

Ref. 156Sa. Black, R.A. and El Hadi, F.M. (1992). Presowing treatments of *Acacia senegal* seed: germination and growth. *Tropical Agriculture* 69(1): 15-20 - En.

Ref. 156Sb. Danthu, P., Roussel, J. and Dia, M. (1992). Effect of different pretreatments on the germination of *Acacia senegal* seeds. *Seed Science and Technology* 20(1): 111- - En.

Ref. 156Sc. Palma, B., Vogt, G. and Neville, P. (1995a). Endogenous factors that limit seed germination of *Acacia senegal* Willd. *Phyton* 57(2): 97-102 - En.

Ref. 156Sd. Palma, B., Vogt, G. and Neville, P. (1995b). Environmental factors that influence germination of seeds of *A. senegal* Willd. *Phyton* 57(2): 103-112 - En.

Acacia sieberiana DC.

See Ref. 146Sa. and 146Sb.

Acacia suaveolens (Sm.) Willd.

Ref. 157S. Bradstock, R.A. and Auld, T.A. (1995). Soil temperatures during experimental bushfires in relation to fire intensity - consequences for legume germination and fire management in south-eastern Australia. *Journal of Applied Ecology* 32(1): 76-84 - En.

Acacia tortilis (Forssk.) Hayne

See Ref. 138S., 147S. and 149Sa.