

B I B L I O G R A P H Y

- Agarwal, S.K. (1971). Effect of thiourea and ascorbic acid on seed germination. J. Indian Bot. Soc. 50: 374-376.
- Air Shaw, H.K. (1972). The Euphorbiaceae of Siam. Kew Bull. 26: 264.
- * Aldrich et al. (1942). Anjon pear response to irrigation in a clay adobe soil. Oregon Agric. Exp. Sta. Bull. 374.
- Anderson, Y.O. (1955). Seasonal development in sun and shade leaves. Ecology 38: 430-439.
- * Anonymous (1936). Hastening germination of Acacia seeds by soaking in boiling water. Agri. Gaz. New South Wales 47(1)•
- Anonymous (1941). Biological Flora of the British Isles. J. Ecol. 29: 358-360.
- Anonymous (1958). Biological Flora of the British Isles. Revised schedule for contributors. J. Ecol. 46:497-500.
- Asakawa, S. (1956). Thermoperiodic control of germination of Fraxinus mandshurica var. japonica. J. Japan For. Soc. 38(7): 269-272.
- Ashby, E. (1950). Studies in the morphogenesis of leaves. VI. Some effects of length of day on leaf shape in Ipomoea caerulea. New Phytol. 49: 375-382.
- Ashenden, T.W., Stewart, W.S. and Williams, W. (1975). Growth responses of sand dune populations of Dactylis glomerata L. to different levels of water stress. J. Ecol. 63(1): 97-107.
- Ashraf, N., Sharma, M.M. and Sen, D.N. (1977). Ecology of Indian arid zone weeds-III. Celosia argentea Linn.

Geobios. 4: 212-213.

- Ayers, A.D., Wadleigh, C.H. and Magistad, O.C. (1943). The Interrelationships of salt concentration and soil moisture content with the growth of beans. J. Amer. Soc. Agron. 35: 796-810.
- Babji, R.V. and Joshi, M.C. (1970). Studies on physiological ecology of Borreria articularis (Linn. f.) F.N. Will.- A common weed of bajra (Pennisetum typhoides (Burm. f.) (Stapf et C.E.Hubb.) fields. Trop. Ecol. 11(2):126-139.
- Bailey, L.H. (1948). Manual of cultivated plants. MacMillan Co., New York. p. 359.
- Bailey, L.H. (1958). The standard Cyclopedia of Horticulture. Vol. III, p. 2966.
- Baker, H.G. (1965). Characteristics and modes of origin of weeds. In Baker, H.G. and Stebbins, G.L. (Eds.). The Genetics of Colonising Species. Academic Press, N.Y.
- Baker, H.G. (1972). Seed weight in relation to environmental conditions in California. Ecology 53: 997-1010.
- Baker, H.G. (1974). The evolution of weeds. Ann. Rev. Ecol. Syst. 5: 1-24.
- Bakshi, T.S. (1952). The autecology of Anisochilus eriocephalus Benth. J. Indian Bot. Soc. 31: 269-280.
- Bakshi, T.S. (1954). The vegetation of Pilani and its neighbourhood. J. Bom. Nat. Hist. Soc. 52(2 and 3):505.
- Bakshi, T.S. and Kapil, R.N. (1952). The autecology of Mollugo nudicaulis Lam. Bull. Bot. Soc. Bengal 5: 45-48.
- Bakshi, T.S. and Kapil, R.N. (1954). The morphology and ecology of Mollugo cerviana Ser. J. Indian Bot. Soc. 33: 309-328.

- Ballard, L.A.T. (1973). Physical barriers to germination. Seed Sci. and Technol. 1: 285-303.
- Bansal, R.P. and Sen, D.N. (1973). Ecology of Indian arid zone weeds-V. Trichodesma sedgwickianum Banerj. (Syn. T. amplexicaule Roth). Geobios 5: 44-46.
- Baron, L.V. (1947). Special studies on seed coat impermeability. Contrib. Boyce Thomp. Inst. 14(7): 355-363.
- Baron, L.V. (1965). Dormancy in seeds imposed by the seed coat. In Ruhland, W. (Ed.). Encyclopedia of Plant Physiology XV-Part 2. Springer-Verlag, Berlin. pp. 727-745.
- Baron, L.V. (1967). Bibliography of seeds. Columbia Univ. Press, N.Y.
- Becett, S.H. and Dunshee, C.F. (1932). Water requirements of cotton on sandy loam soils in Southern San Joaquin Valley. California Agri. Exp. Sta. Bull. 537.
- Benedict, H.M., Molory, W.L. and Slattey, M.C. (1947). Response of guayule to alternating period of low and high moisture stress. Bot. Gaz. 108: 535-549.
- Bernstein, L. and Hayward, H.E. (1958). Physiology of salt tolerance. Ann. Rev. Plant Physiol. 9: 25-46.
- Bhandari, M.M. (1978). Flora of the Indian Desert. Sci. Publ. Jodhpur.
- Bhandari, M.C. and Sen, D.N. (1973). Phytochrome and seed germination in Citrullus colocynthis (Linn.) Schrad. Sci. and Cult. 39: 458-459.
- Bhandari, D.C., Sen, D.N. and Sharma, M.M. (1977). Ecology of Indian arid zone weeds-II. Indigofera cordifolia Heyne ex Roth. Geobios 4: 152-154.

- Bhatia, P.R., Ashraf, N. and Sen, D.N. (1979). Ecology of Indian arid zone weeds-VII. Chenopodium spp. Geobios 6: 20-23.
- Bhatia, K.K. (1955). Factors in the distribution of teak in Madhya Pradesh. J. Indian Bot. Soc. 34: 459-490.
- Biswas, R. (1967). Ecology of medicinal plants - Rauvolfia tetraphylla L. and Rauvolfia serpentina Benth. ex Kurz. Ph. D. Thesis, BHU, Varanasi.
- Black, J.N. (1957). The influence of light intensity on growth of herbage plants. Herbage Abstr. 27: 89-98.
- Blackman, G.E. (1968). Application of the concepts of growth analysis to the assessment of productivity. In Eckardt, F.E. (Ed.) "Functioning of Terrestrial Ecosystem at the Primary Production level". UNESCO, Paris, pp. 243-260.
- Blackman, G.E. and Templeman, W.G. (1938). The nature of the competition between cereal crops and annual weeds. J. Agri. Sci. 28: 247-271.
- Blackman, G.E. and Templeman, W.G. (1940). Competition between sagebrush seedling and reseeded grasses. Ecology 30: 512-519.
- Blackman, G.E. and Rutter, A.J. (1948). Physiological and ecological studies in the analysis of plant environment III : The interaction between light intensity and mineral nutrient supply in leaf development and in the net assimilation rate of bluebell. Ann. Bot. 12:1-26.
- Bleasdale, J.K.A. (1960). Studies on plant competition. In Harper, J.L. (Ed.) "The Biology of Weeds". British Ecol. Soc. Symp. Number. Blackwell, Oxford. pp.133-142.

- Blasdale, J.K.A. (1967). The relationship between the weight of a plant part and total weight as affected by plant density. *J. Hort. Sci.* 42: 51-58.
- Borla, P.N., Sharma, M.M. and Sen, D.N. (1977). Ecology of Indian arid zone weeds - IV. Convolvulus microphyllus Sieb. ex Spreng. *Geobios* 4: 273-275.
- Borhwick, H.A. (1937). Retarded germination in the seed of Hypericum perforatum caused by calcium. *Bot. Gaz.* 98: 270-282.
- Borhwick, H.A. (1965). Light effects with particular reference to seed germination. *Proc. Int. Seed Test Ass.* 30: 15-27.
- Borhwick, H.A., Hendricks, S.B., Parker, M.W., Toole, E.H. and Toole, V. (1952). A reversible photoreaction controlling seed germination. *Proc. Nat. Acad. Sci. U.S.*, 38: 662-666.
- Borhwick, H.A., Hendricks, S.B., Toole, M.W. and Toole, V.K. (1954). Action of light on lettuce seed germination. *Bot. Gaz.* 115: 205-225.
- Brant, R.E., McKee, G.W. and Cleveland, R.W. (1971). Effect of chemical and physical treatment on hard seed of Penngift crownvetch. *Crop Sci.* 11: 1-6.
- Bucman et al. (1952). The nature and properties of soils. MacMillan, New York.
- Burholder, P.R. (1936). Light in life of plants. *Bot. Rev.* 2: 114-117.
- Campbell, B.C. (1967). Statistics for Biologists. Cambridge Univ. Press, London.
- Carpenter, C. (1943). Riboflavin-Vitamin B₂ in soil. *Science* 98 : 109.

- * Carazza, L. (1951). The effect of alcohol on hard seeds.
Nuovo Giorn. Bot. Ital. 58: 393-397. (Abstr. in Biol.
Abstr. 25: 3347, No. 37706).
- Chakravarti, R. (1948). The natural and artificial regeneration of dry peninsular sal. Indian For. Rec. 1: 1-280.
- Chakravarti, A.K. and Verma, C.M. (1968). Germination of promising desert grass seeds under different depths of sowing in sandy soil. Ann. Arid zone 7: 75-81.
- Chavan, D.D. and Sen, D.N. (1970). Role of some growth regulating substances on seed germination and seedling growth of Asteracantha longifolia Nees. Biochem. Physiol. Pflanzen. (BPP) 161: 417-424.
- Chavan, D.D. and Sen, D.N. (1973 a). Action of light in the germination of seeds and seedling growth in two desert species of Sida. Broteria 42: 191-198.
- Chavan, D.D. and Sen, D.N. (1973 b). Chemical scarification for hard seed coat dormancy in arid zone species of Sida. Broteria 42: 25-30.
- Chatterji, U.N. and Baxi, D. (1966). Ecophysiological studies on arid-zone plants-III. Effects of dry heat on germination of certain leguminous seeds. Proc. Indian Sci. Congr. Part III - p. 285.
- Chittenden, F.J. (Ed.) (1951). Dictionary of Gardening. The Royal Horticultural Society, Oxford. Vol. IV. p. 1797.
- Chapman, A. R. (1956). Autecological studies and biological flora of British Isles. J. Ecol. 44: 1-11.
- * Clements, F.E. and Weaver, J.E. (1924). Experimental vegetation. Carnegie Inst. Wash., Publ. No. 355.
- * Clements, F.E., Weaver, J.E. and Hanson, H.C. (1929). Plant competition. Carnegie Inst. Wash., Publ. No. 398.

- * Coe, H.S. and Martin, J.N. (1920). Sweet clover seed.
U.S. Dept. Agri. Bull. 844.
- Conway, V.M. (1937). Studies in the autecology of Cladium mariscus. III. The aeration of subterranean parts of plant. New Phytol. 36: 64-96.
- Cooke, T. (1901-1908). The Flora of the Presidency of Bombay Vol. 1-2, London. Repr. (1958), Vol. 1-3, Calcutta.
- Cocker, J.P. (1965). The evolution of forage grasses and legumes. In Hutchinson, J.B. (Ed.) "Essays on Crop Plant Evolution". Cambridge.
- Copeland, L.O. (1976). Principles of Seed Science and Technology. Burgess Publ. Co., Minneapolis, Minnesota.
- Cornis, W.G. (1960). Effect of gibberellin treatments on germination of various species of weed seeds. Canad. J. Plant Sci. 40: 47-51.
- * Cox H. R. (1915). Weeds - How to control them? U.S. Dept. Agri. Farmers' Bulletin. No. 660.
- Crocker, W. (1948). Growth of Plants. Reinhold Publ. Corp., New York.
- Crocker, W. and Barton, L.V. (1953). Physiology of seeds. Chronica Botanica. p. 267.
- Dagar, J.C., Rao, A.N. and Singh, V.P. (1977). Effects of some growth regulators and chemicals on seed germination of Parthenium hysterophorus Linn. Geobios 4: 87-88.
- Daiya, K.S., Sen, D.N. and Chawan, D.D. (1978). Ecology of Indian arid zone weeds- VI. Phyla nodiflora (L.) Greene. Geobios 5: 270-272.

- Das, R. R. (1968). Ecology of Eichhornia crassipes and Spirodela polyrrhiza. Ph. D. Thesis, BHU, Varanasi.
- Dastur, R.H. and Saxton, W.T. (1922). The ecology of some plant communities in Savarnah Formation. J. Indian Bot. Soc. 3: 34.
- Datta, S. C. (1965). Germination of seeds of two arid zone species. Bull. Bot. Soc. Bengal 19: 51-53.
- Datta, N. (1967). In IOBP Chromosome Number Reports XII. Taxon 16: 341-350.
- Daubenmire, R.F. (1959). Plants and Environment - A text book of plant autecology. 2nd Edi. John Wiley and Sons, Inc. N.Y. p. 422.
- Davidson, R.L. (1969). Effect of soil nutrients and moisture on root : shoot ratios in Lolium perenne L. and Trifolium repens L. Ann. Bot. 33: 571-572.
- Davis, P.W. (1944). Sal regeneration in the united provinces. Indian For. 70 : 1-5.
- Deumer, C. G. (1932). J. Forestry 30: 672.
- Dixit, A.P. (1966). Autecological studies of three weeds. Ph. D. Thesis, BHU, Varanasi.
- Dorland, C.M. (1963). Competition between crop and pasture plants. Adv. Agron. 15: 1-104.
- Dowds, R.J. (1964). Photocontrol of germination of seeds of the Bromeliaceae. Phytol. 21: 1-6.
- Duke, P.S. and Mall, L.P. (1975). Effect of herbicides on germination, viability and seedling growth of weeds. I. Digera alternifolia Aschers. Trop. Ecol. 16(1) : 39-42.

- Duncan, D.P. (1952). Autecological studies of important forest trees. *Ecology* 33: 285-286.
- Durnie, J.F. (1903-1922). Flora of the Upper Gangetic Plain and of the adjacent Siwalik and sub-Himalayan Tracts. Vols. 1-3. Repr. 1952. Vols. 1-2, Calcutta.
- Eames, A.J. (1961). Morphology of the angiosperms. McGraw-Hill, N.Y.
- Evens, G.C. and Hughes, A.P. (1961). Plant growth and the aerial environment. I. Effect of artificial shading on Impatiens parviflora. *New Phytol.* 60: 150-180.
- Everari, M. (1956). Seed germination. In Hollaender, A. (Ed.), "Radiation Biology". Vol. III : 519-549.
- Everari, M., Stein, G. and Neuman, G. (1954). The action of light in conjunction with thiourea on germination. *Proc. 1st Int. Photobiological Congress. Amsterdam*. p.82.
- Everari, M., Neuman, G. and Stein, G. (1957). Action of blue light on the germination of seeds. *Nature* 180:609-610.
- * Ewart, A.J. (1908). On the longevity of seeds. *Proc. Roy. Soc. Victoria* 21: 1-210.
- Flint, L.H. (1934). Light in relation to dormancy and germination in lettuce seed. *Science* 80: 38-40.
- Flint, L.H. and McAlister, E.D. (1935). Wavelength of radiation in the visible spectrum inhibiting the germination of light sensitive lettuce seed. *Smithsonian Inst. Miscellaneous Collection* 94(No. 5): 1-11.
- Flint, L.H. and McAlister, E.D. (1937). Wavelength of radiation in the visible spectrum promoting germination of light sensitive lettuce seed. *Smithsonian Inst. Miscellaneous Collection* 96 (No. 2): 1-8.

- Friend, D.J.C., Helson, V.A. and Fischer, J.E. (1962).
The rate of dry weight accumulation in Marquis wheat
as affected by temperature and light intensity. *Can.
J. Bot.* 40: 939-955.
- Fritsch, F.E. and Salisbury, E. (1965). Plant, Form and
Function. G. Bell and Sons Ltd., London, p. 246.
- Gamble, J.S. (1915-1936). Flora of the Presidency of Madras.
Parts 1-2, London. Repr. 1958. Vols. 1-3, Calcutta.
- Gardner, W.R. (1960). Soil water relations in arid and
semiarid conditions. In "Plant water Relations in
Arid and Semiarid Conditions". Reviews of Research.
UNESCO.
- Gates, C.T. (1955). The response of the young tomato plant
to a brief period of water shortage. I- The whole
plant and its principal parts. *Aust. J. Biol. Sci.*
8: 196-215.
- Gates, C.T. (1957). The response of the young tomato plant
to a brief period of water shortage. III. Drifts in
nitrogen and phosphorus. *Ibid.* 10: 125-146.
- Goddall, D.W. (1945). The distribution of weight in young
tomato plant. I. Dry weight change of the various
organs. *Ann. Bot. N. S.* 9: 101.
- Gopal, B. (1968). Ecological studies on the genus Marsilea
I. Water relations. *Trop. Ecol.* 9(2): 153-170.
- * Grackowski, H. (1962). Heat as a factor in germination of
seeds of Caenothus velutinus var. laevigatus T. & G.
Ph. D. Thesis, Oregon State Univ.
- Griffith, A.L. and Gupta, R.S. (1947). Determination of the
characteristics of soil suitable for sal (Shorea
robusta). *Indian For. Bull.* 138.

- Grimmer, G. and Beyer, H. (1960). The influence exerted by species of Camelina on flax by means of toxic substances. In Harper, J.L. (Ed.) "The Biology of weeds". Blackwell Sci. Publ., England. p. 226.
- * Guj py, H.B. (1912). Studies in seeds and fruits. Williams and Norgate, London.
- Guj ta, P.L. (1958). Ecological studies of Eclipta prostrata L. (in Hindi). Ph. D. Thesis, BHU, Varanasi.
- Guj ta, S.C. (1969). Autecology of Amaranthus spinosus Linn. P.L. 480, Final Report, Bct. Dept., BHU, Varanasi.
- Guj ta, S.K. (1972). Ecology of Indian medicinal plants - Rumex dentatus Linn. and Rumex nepalensis Spreng. In Puri et al. (Eds.). "Biology of the Land Plants." Sarita Prakashan. pp. 366-374.
- Guj ta, S.K. (1973). Ecology of Rumex species. (R. dentatus Linn. and R. nepalensis Spreng.). Ph. D. Thesis, BHU, Varanasi.
- Hag n, R.M. (1952). Temperature and growth processes. In Shaw, B.T. (Ed.), "Soil Physical Conditions and Plant Growth." Academic Press, New York. pp. 336-446.
- Hag n, R.M. et al. (1957). Interpretation of plant responses to soil moisture regimes. Soil Sci. Soc. Am. Proc. 21: 360-365.
- Hag n, R.M., Vaadia, Y. and Russel, H.B. (1959). Interpretation of plant responses to soil moisture regimes. In "Russel, M.B. (Ed.) "Water and its relation to soil and crops". Academic Press, New York. pp. 74-77.
- Haines, H.H. (1921-1925). The Botany of Bihar and Orissa. London. Repr. 1961, vol. 1-3, Calcutta.

- Hamly, D.H. (1932). Softening of seeds of Melilotus alba.
Bot. Gaz. 93: 345-375.
- Harper, J.L. (1958). The ecology of Ragwort (Senecio jacobaea) with special reference to control. Herb. Abstr. 28: 151-157.
- Harper, J.L. (Ed.) (1960). The Biology of Weeds. Blackwell Scientific Publication, Oxford.
- Harper, J.L. and Gajic, D. (1961). Experimental studies on the mortality and plasticity of weeds. Weed Res. 1: 91-104.
- * Harrington, G.T. (1916). Agricultural value of impermeable seeds. J. Agri. Res. 6: 761-769.
- Hatake, K.I. and Asakawa, S. (1964). Physiological processes in forest tree seeds during maturation, storage and germination. International Review of Forestry Res. 279-323.
- Haynes, J.L. and Sayre, J.D. (1956). Response of corn to within-row competition. Agron. J. 48: 362-364.
- Heydecker, W. (1973). Seed ecology. In Heydecker, W. (Ed.). Seed Ecology. Butterworths, London. pp. 1-4.
- Hiesey, W.M., Nobs, M.A. and Bjorkman, O. (1967). Light saturated rate of photosynthesis in Mimulus cardinalis. Carnegie Invest. Yr. Bk. 55: 461.
- * Hilmer, L. (1902). Arb. Biol. Abs. Forst. Landu. Ksl. Besdh. Amt. 3: 1-102, cf. Hamly (1932).
- Hogetsu, K., Oshima, Y., Midorikawa, B., Tezuka, Y., Sakamoto, M., Mototani, I. and Kimura, M. (1960). Jap. J. Bot. 17: 278.

- Holc , A. E. (1931). Development of roots and shoots of certain deciduous tree seedlings in different sites. Ecology 12: 259-298.
- Hooker, J. D. (1872-1897). The Flora of British India. Vols. 1-7, London. (Repr. 1954-1961, Kent).
- * Hopkins, E. F. (1923). The behaviour of hard seeds of certain legumes when subjected to conditions favourable to germination. Proc. Assoc. Off. Seed Analysts, N. Amer. 14: 46-48.
- Horn, P.E. and Hill, G.D. (1974). Chemical scarification of seeds of Lupinus cosentini Cuss. J. Austral. Inst. Agric. Sci. 40: 85-87.
- Hsiang, T.C. (1973). Plant responses to water stress. Ann. Rev. Plant Physiol. 24: 519-570.
- Hughes, A. P. and Evans, G.C. (1963). Plant growth and the aerial environment. IV. Effects of day length of Impatiens parviflora. New Phytol. 62: 367.
- Hughes, A. P. and Evans, G.C. (1964). Plant growth and the aerial environment. V. The effects of (a) rooting conditions, (b) red light on Impatiens parviflora. New Phytol. 63: 194-202.
- Iwaki, H. (1958). The influence of density on the dry matter production of Eragopyrum esculentum. Jap. J. Bot. 16(2): 210-226.
- Jackson, M.L. (1962). Soil Chemical Analysis. Asia Publishing House, Bombay.
- Jann, R. C. and Amen, R. D. (1977). What is germination? In Khan, A.A. (Ed.), "The Physiology and Biochemistry of Seed Dormancy and Germination". Elsevier/North-Holland Bio-medical Press.

- Jaychandra (1967). The ecophysiology of the early stages of development of some weeds. Ph. D. Thesis, The M. S. Univ. of Baroda, Baroda,
- Jindal, S. L. (1970). Flowering Shrubs in India. Publications Division, Ministry of India, New Delhi. pp. 105-106.
- Johnson, L.P.V. (1946). Effect of chemical treatments on germination of forest tree seeds. *Forestry Chronicle* 22: 17-24.
- Jones, R. (1975). Comparative studies of plant growth and distribution in relation to waterlogging. *J. Ecol.* 63(3): 859-866.
- Joshi, A.C. (1936). A contribution to the embryology and cytology of Rivina humilis Linn. *J. Indian Bot. Soc.* 15: 91.
- Joshi, M.C., Kahate, S. and Bishnoi, S. (1967). Autecological studies on Rajasthan desert plants. II. Tribulus terrestris Linn. *J. Indian Bot. Soc.* 46: 169-184.
- Kadam, K. (1949 a). On the ecology and silviculture of Dendrocalamus strictus etc. *Indian For.* 75: 289-299.
- Kadam, K. (1949 b). A note on Morus alba Linn. *Ibid.* 75: 459-466.
- Kadam, K. (1949 c). Dalbergia sissooides Grahm. *Ibid.* 75: 174-186.
- Kahn, A., Goss, J.A. and Smith, L.E. (1956). Light and chemical effects on lettuce seed germination. *Plant Physiol.* 31: Suppl. 37.
- Kallio, P. and Piironen, P. (1959). Effects of gibberellic acid on germination of various seeds. *Nature* 183: 1830-1831.

- Kapoor, P. and Ramakrishnan, P.S. (1975). Studies on crop-legume behaviour in pure and mixed stands. *Agro-ecosystems* 2: 61-74.
- Kaul, Ashok (1972). Effect of light, salt and naturally occurring substance on seed germination of Alternanthera sessilis B. Br. *Trop. Ecol.* 13(1): 96-103.
- Kaul, M.L. (1965). Ecology of three medicinal plants. Ph. D. Thesis, BHU, Varanasi.
- Kaul, M.L.H. (1967). Ecology of Mecardonia dianthera (Sw.) Pennell. I, II and III. *Proc. Nat. Acad. Sci. India* 37 B : 273-282, 304-312 and 361-364.
- Kaul, V.N. (1959). Physiologico-ecological studies of Xanthium strumarium L. and Croton sparsiflorus Morong. Ph. D. Thesis, BHU, Varanasi.
- Kaul, V. (1965 a). Physiological ecology of Xanthium strumarium L. I. Seasonal morphological variants and distribution. *Trop. Ecol.* 6: 72-87.
- Kaul, V. (1965 b). Ibid. II. Physiology of seeds in relation to its distribution. *J. Indian Bot. Soc.* 44:365-380.
- Kaul, V. (1965 c). Ibid. III. Effect of edaphic and biotic factors on growth and distribution. *Proc. Nat. Acad. Sci. India* 35: 203-216.
- Kaul, Rita (1974). Some aspects of seed germination in Hemigraphis dura. *J. Indian Bot. Soc.* 53: 71-75.
- Kenet, Mather (1961). Competition and cooperation. In 'Symposia of the society for experimental Biology' p. 264.
- * Khristeva, L.A. (1953). The participation of humic acids and other organic substances in the nutrition of higher plants. *Pochvoved.* 10.

- Kira, T., Ogawa, H. and Sakazaki, N. (1953). Intraspecific competition among higher plants. I. Competition - Density-yield interrelationship in regularly dispersed populations. J. Inst. Polytech. Osaka City, Univ. D. 4: 1-16.
- Knecht, G.M. and O'leary, J.W. (1972). The effect of light intensity and stomata number and density of Phaseolus vulgaris L. leaves. Bot. Gaz. 133(2): 132-134.
- Koller, D., Mayer, A.M., Poljakoff-Mayber, A. and Klein, S. (1962). Seed germination. Ann. Rev. Plant Physiol. 13: 437-464.
- Kononova, M.M. (1961). Soil organic matter. Its nature, its role in soil formation and in soil fertility. Pergamon, London.
- Koroleff, A. (1944). The need of adequate basis for control of forest regeneration. Forestry Chron. 20: 188-191.
- Kozlovsky, T.T. (1949). Light and water in relation to growth and competition of Piedmont forest tree species. Ecol. Monogr. 19: 207-231.
- Kramer, P.J. (1959). Role of water in physiology of plant growth. In Russel, M.B. (Ed.), Water and its relation to soil and crops. A. P., N.Y.
- Kramer, P.J. (1963). Water stress and plant growth. Agron. J. 55: 31-35.
- Kuroiwa, S. (1960). Intraspecific competition in artificial sunflower communities. Bot. Mag. Tokyo. 73: 300-309.
- Lahiri, A.N. and Kharabanda, B.C. (1968). Studies on plant water relationships II. Influence of soil moisture on the transpiration of Tecomella undulata seedlings. Proc. Nat. Inst. Sci. India.

- Lal, Bechu (1976). Ecology of two medicinal plants - Scoparia dulcis Linn. and Chrozophora rottleri A. Juss. Ph. D. Thesis, BHU, Varanasi.
- Lavaria, G.S. (1971). Ecology of Melilotus indica L. All. Ph. D. Thesis, BHU, Varanasi.
- Lawrence, G.H.M. (1951). Taxonomy of Vascular Plants. MacMillan, N.Y. p. 482.
- * Leizorowitz, R. (1959). M. Sc. Thesis, Jerusalem (in Hebrew).
- Leopold, A.C. (1964). Plant Growth and Development. McGraw-Hill Co., New York, p. 466.
- Lindsay, D.R. (1953). Climate as a factor influencing the mass ranges of weeds. *Ecology* 34: 308-321.
- Lona, F. (1956). Gibberellic acid induces germination of seeds of Lactuca scariola in the dark-inhibition phase. *Ateneo Parmense* 27: 641-644.
- Lutz, J.F. (1952). In Shaw, B.T. (Ed.) "Soil Physical Conditions and Plant Growth". Academic Press, New York, p. 43-72.
- Maheswari, J.K. (1963). The Flora of Delhi. CSIR, New Delhi. p. 76 and 312.
- Mall, L.P. (1954). Germination of seeds of three common weeds of dry phase of low lying lands. *Proc. Nat. Acad. Sci. India* 24B : 197-204.
- Mall, L.P. (1955). Ecology of some drying ponds and some common weeds. Ph. D. Thesis. Saugar Univ.
- Mall, L.P. (1956). Some aspects of the autecology of Chrozophora rottleri A. Juss. *Bull. Bot. Soc., Univ. Saugar* 8(1): 13-24.

- Mall L.P. (1957). Contribution to the autecology of Cassia tora Linn. and C. obtusifolia Linn. Bull. Bot. Soc. Univ. Saugar 9: 35-54.
- Mall L.P. (1971). Autecology and its significance. In Misra, R. and Das, R.R. (Eds.) Proceedings of the School on plant ecology. pp. 99-105.
- Mall L.P. and Arzare, K.C. (1956). Autecological study of Achyranthes aspera Linn. Bull. Bot. Soc., Univ. Saugar 3(2): 69-76.
- Marshall, D.R. and Jain, S.K. (1969). Interference in pure and mixed populations of Avena fatua and A. barbata. J. Ecology 57: 251-270.
- * Mason, H.L. (1936). The principles of geographical distribution as applied to floral analyses. Madrono 3: 181-190.
- Maurer, A.R., Olmrod, D.P. and Fletcher, H.F. (1968). Response of peas to environment - effect of five soil water regimes on the growth and development of peas. Can. J. Plant Sci. 48: 129-137.
- Mayer, A.M. and Poljakoff-Mayber, A. (1963). The Germination of seeds. 1st Edi. Pergamon Press Ltd.
- Mayer, A.M. and Poljakoff-Mayber, A. (1975). The Germination of seeds. 2nd Edi. Pergamon Press Ltd.
- McNairn. (1917). Boiling buffalo clover seed. Science, N.S. 14: 220-221.
- Mehra, P.M. and Choda, S.P. (1978). Cytotaxonomical study in the genus Euphorbia L. Cytologia 43: 217-235.
- Miller, C.O. (1958). The relation of the kinetin and red light promotions of lettuce seed germination. Plant Physiol. 33: 115-117.

- Misra, R. (1944 a). The vegetation of Rajghat ravines. J. Indian Bot. Soc. 23: 113-121.
- Misra, R. (1944 b). The soil complex as studied in plant ecology. J. Banaras Hindu Univ. 9: 13-16.
- Misra, R. (1954). The autecology of Indian trees. Sci. and Cult. 20: 249-250.
- Misra, R. (1957). Plant Ecology - Progress of Science in India. Nat. Inst. Sci. India 6: 141-148.
- Misra, R. (1959). Environment, adaptation and plant distribution. Presidential Address. Bot. Sec. Proc. Indian Sci. Congr. I-11.
- Misra, R. (1968). Ecology Workbook. Oxford and IBH Publishing Co., Calcutta.
- Misra, R. and Puri, G.S. (1954). Indian Manual of Plant Ecology. The English Book Depot, Dehra Dun.
- Misra, R. and Siva Rao (1948). A study in the autecology of Lindenbergia polyantha Royle. J. Indian Bot. Soc. 27: 186-199.
- Misra, R., Gopal, B. and Lavania, G.S. (1970). Plant density and dry matter production relationships in some weeds. Indian Biologist 2(2): 23-26.
- Mohnot, K. and Chatterji, U.N. (1965). Chemicophysiological studies on the imbibition and germination of seeds of Parkinsonia aculeata Linn. Osterr. Bot. Zeit. 112: 576-584.
- Moyer, L.S. (1934). Chromosome number of Poinsettia. Bot. Gaz. 95: 678-685.
- Muenscher, W.C. (1949). Weeds. MacMillan, New York.

- Mukerji, S.K. (1932). On the genus Artemisia - its species, varieties and ecads as found in Kashmir. Proc. 19th Indian Sci. Congr. p. 329.
- Mukerji, S.K. (1936). Contribution to the ecology of Mercurialis perennis L. J. Ecol. 24: 38-81 and 317-339.
- Nair, N.C. (1978). Flora of the Punjab Plains. Records of the Ext. Surv. India 21(1): 31, 236.
- Nair, N.C. and Nair, V.J. (1964). Some new records for the Punjab Plains-II. Bull. Bot. Surv. India 6(1): 69-71.
- Nelson, D.C. and Nylund, R.E. (1962). Competition between peas grown for processing and seed. Weeds 10: 224-229.
- Nicolson, J.W. (1945). Teak regeneration in Orissa. Indian For. 71: 365.
- Nikolaeva, M.G. (1969). Physiology of deep dormancy in seeds. EST Press, Jerusalem.
- * Nobbe, F. (1876). Die Handbuch der Samenkunde. Berlin. p. 631. cf. Hamly (1932).
- Olmsted, C.E. (1941). Growth and development of range grasses-I. Early development of Bouteloua curtipendula in relation to water supply. Bot. Gaz. 102: 499-519.
- Olser, C. (1921). Ecology of Urtica dioica Linn. J. Ecol. 9: 1-11.
- Oommenan, M. (1977). The Flora of Bhopal. J.K.Jain Brothers, Bhopal. pp. 341-342.
- Oosting, H.J. and Reed, J.F. (1952). Virgin spruce fir forest in the Medicine Bow Mountains, Wyoming. Ecol. Monogr. 22: 69-91.

- Pacheco, S.S. (1977). Ecological studies on Cassia auriculata Linn. Ph. D. Thesis, Udaipur Univ., Udaipur.
- Pandey, S.B. (1965). Interaction between seed colour and light on germination. *Sci. and Cult.* 31: 586-587.
- Pandey, S.C. (1953). Morphology and ecology of Dichanthium. *J. Indian Bot. Soc.* 32: 86-100.
- Pandey, S.C. (1962). Ecology as an aid to floristics. II- Autecology. *Bull. Bot. Surv. India* 4: 141-153.
- Pandey, S.C., Puri, G.S. and Singh, J.S. (1968). Research Methods in Plant Ecology. Asia Publishing House, Bombay.
- Pandey, S.M. (1971). Effects of some hormones and chemicals on seed germination of Celosia argentea Linn. *Indian Biologist* 3: 21-24.
- Parker, R.E. (1973). Introductory Statistics for Biology. Edward Arnold, London.
- Pathak, P.S. (1967). Ecology of Tribulus terrestris Linn.- A medicinal plant. Ph. D. Thesis, BHU, Varanasi.
- Pearsall, W.H. (1952). The pH of natural soils and its ecological significance. *J. Soil Sci.* 3:
- Pelton, J.F. (1951). Outline for ecological life history studies in trees, shrubs and stem succulents. *Ecology* 32: 334-343.
- Pelton, J.F. (1953). Ecological life cycle of seed plants. *Ecology* 34: 619-628.
- Perry, B.A. (1943). Chromosome number and phylogenetic relationships in the Euphorbiaceae. *Amer. J. Bot.* 30: 527-543.

- Phillips, J. (1927). Mortality in the flowers and fruits and young regeneration of trees in Kuysna forests of South Africa. *Ecology* 8: 435-444.
- Phillips, J.R. (1958). The theory of infiltration : 6. Effect of water depth over soil. *Soil Sci.* 85: 278-286.
- Phinney, B.O. and West, C.A. (1960). Gibberellins as native plant growth regulators. *Ann. Rev. Plant Physiol.* 11: 411-436.
- Pijl, L. Van der (1972). Principles of dispersal in higher plants. 2nd Edi. New York.
- Piper, C.S. (1944). Soil and Plant Analysis. New York.
- Poljakoff-Mayber, A., Mayer, A.M. and Zachs, S. (1958). Interaction in growth and germination between thiourea and indolyl acetic acid. *Anr. Bot.* 22: 175-181.
- Popp H.W. (1926). A physiological study of light of various ranges of wavelength on the growth of plants. *Amer. J. Bot.* 13: 706-735.
- Porter, R.H. (1949). Recent developments in seed technology. *Bot. Rev.* 15: 221-344.
- Prair, D. (1903). Bengal Plants. Repr. 1963. Vols. 1-2, Calcutta.
- Prasad, J. (1943). Seedlings of Anogeissus latifolia. *Indian For.* 69: 193-196.
- * Prillwitz, P.M. (1930). Treatment of leguminous seeds with sulphuric acid (in german). *Biol. Abstr.* 4(2): 359.
- Quinlan, B.J. (1971). Seed coat impermeability in legumes. *J. Austral. Inst. Agric. Sci.* 37: 283-295.

- Rama rishnan, P.S. (1959). Contributions to the ecological flora of Varanasi district. Ph. D. Thesis. BHU, Varanasi.
- Rama rishnan, P.S. (1960). Autecology of Euphorbia hirta Linn. J. Indian Bot. Soc. 39: 455-472.
- Ratn , P. S. (1970). Ecology of medicinal plants. Ph. D. Thesis, BHU, Varanasi.
- Rave , V. and Chatterji, U.N. (1968). Effect of heat treatment on the germination of arid zone plants. Trianthema portulacastrum Linn. Syn. T. monogyna Linn. Proc. 56th Indian Sci. Congr. Part III-pp. 399-400.
- Raynor, E.W. (1940). Sal regeneration de novo. Indian For. 56: 525-529.
- Richards, L.A. and Wadleigh, C.H. (1952). Soil water and plant growth. Agronomy 2: 73-251.
- Ridley, H.N. (1930). The Dispersal of Plants throughout the World. L. Reeve and Co., Ltd., Ashford, Kent.
- Robbins, W.W., Crafts, A. S. and Raynor, R.N. (1952). Weed Control. McGraw-Hill, New York, 2nd Edi.
- Rolston, M.P. (1978). Water impermeable seed dormancy. Bot. Rev. 44(3): 365-396.
- Rowntree, J.B. (1940). Grazing versus burning as an aid to sal regeneration. Indian For. 66: 645-653.
- Rugmini, C.R. (1960). Investigations in the autecology of weeds. Ph. D. Thesis, BHU, Varanasi.
- Russell, M.B. (1952). In Shaw, B.T. (Ed.), "Soil Physical Conditions and Plant Growth". Academic Press, New York. pp. 253-291.

- Russell, M.B. (1959). Crop responses to excess water. In Russell, M.B. (Ed.), Water and its relation to soil and crops. A. P., N.Y. 74-77.
- Russell, E.B. (1961). Soil Condition and Plant Growth. 9th Ed. E.L.B.S. and Longmans, London.
- Sagar, G.R. (1968 a). Factors affecting the outcome of competition between crops and weeds. Proc. 9th Brit. Weed Control Conf. 1157-1162.
- Sagar, G.R. (1968 b). Weed biology - A future. Neth. J. Agri. Sci. 16: 155-164.
- Sah, J.D. (1966). Studies in the growth of Bacopa monnieri (L.) Penn.- A medicinal herb. Ph. D. Thesis, BHU, Varanasi.
- Sakai, K.J. (1961). Competition ability in plants, its inheritance and some related problems. In Milthorpe, F. L. (Ed.), "Mechanisms in Biological Competition". Symp. Soc. Exp. Biol. 15: 245.
- Salisbury, E.J. (1927). On the causes and ecological significance of stomatal frequency, with special reference to the woodland flora. Phil. Trans. Roy. Soc. London 216B : 1-65.
- Salisbury, E.J. (1928). A proposed Biological Flora of Britain. J. Ecol. 16: 161-162.
- Salisbury, E.J. (1929). The biological equipment of species in relation to competition. Jour. Ecol. 17: 197-222.
- Salisbury, E.J. (1942a). The Reproductive Capacity of Plants. Bell and Sons Ltd., London.
- Salisbury, E.J. (1942 b). The weed problem. Nature 149: 594.
- Salisbury, E. (1961). Weeds and Aliens. Collins, London.

Salisbury, F.E. and Ross, C. (1969). Plant Physiology.
Wadsworth Publishing Co., Inc., California.

- * Sampson, A.W. (1917). Important range plants - their life history and forage value. U.S.D.A. Bull. 545.

Sankhla, N. and Sankhla, D. (1972). Lettuce seed germination. Interaction between auxin and 2-chloroethanephosphoric acid (ethrel). Biol. Plant. 14: 321-324.

Santapau, H. (1955). Contribution to the Botany of Dangs Forests. Guj. Res.Soc., Bombay p. 83.

Santapau, H. (1962). The Flora of Saurashtra. Part I. Saurashtra Research Society, Rajkot. p. 39.

Sen, D.N. and Chatterji, U.N. (1966 a). Temperature relations of Ruellia tuberosa Linn. Osterr. Bot.Zeit. 113: 390-394.

Sen, D.N. and Chatterji, U.N. (1966 b). Ecophysiological observations on Euphorbia caducifolia Haines. Sci. and Cult. 32: 317-319.

Sen, D.N. and Chawan, D.D. (1969). Role of light and temperature in relation to seed germination and seedling growth of Asteracantha longifolia Nees. Proc. 56th Indian Sci. Congr. III : 414.

Sen, D.N., Bhandari, D.C. and Sharma, M.M. (1977). Ecology of Indian arid zone weeds-I. Oligochaeta ramosa (Roxb.) Laginitz. Geobios 4: 125-126.

Shah, G.L. (1978). Flora of Gujarat State. Parts I and II. Sardar Patel Univ., Vallabh Vidyanagar.

Shanker, V. (1968). Ecology of seed germination of Trichodesma amplexicaule Roth. Trop. Ecol. 9(2): 201-207.

- Sharma, V.B. (1955). An autecological study of Boswellia serrata Roxb. Ph. D. Thesis. Saugar Univ.
- Sharma, S. and Tiagi, B. (1979). Flora of North-East Rajasthan. Kalyani Publishers, New Delhi. p. 60 and 358.
- Shaw M. F. (1929). A microchemical study of the fruit coat of Nelumbo lutea. Amer. J. Bot. 16: 259-276.
- Shetty, M.S. (1967). Ecology of Biophytum sensitivum (L.) DC. - a medicinal plant. Ph. D. Thesis, BHU, Varanasi.
- Shierl, H.B. (1941). The Gladiolus 16: 100.
- Shirley, H.L. (1936). Effect of light intensity upon seed plants. In Duggar, B.M. (Ed.), Biological Effects of Radiation. New York. pp. 727-762.
- J.G.
- Shrivastava, (1964). Some tropical American and African weeds that have invaded the state of Bihar. J. Indian Bot. Soc. 43: 102-112.
- Shrivastava, D. P. (1964). Ecology of Richardia brasiliensis Amer (Syn. Richardsonia pilosa H.B. & K.). J. Indian Bot. Soc. 43: 262-269.
- Shukla, S. P. (1971 a). Ecological life history of Portulaca quadrifida Linn. J. Indian Bot. Soc. 50: 312-321.
- Shukla, S.P. (1971 b). Heat treatment dependent dormancy in seeds of Psoralea corylifolia Linn. Biol. Plant. 13: 83-99.
- Simpson, G.G. and Beck, W.S. (1965). Life. Harcourt, Brace and World, New York.
- Singh, J.S. (1968). Growth of goosegrass in relation to certain environmental factors. Trop. Ecol. 9: 78-87.
- Singh, K.P. (1968). Thermoresponse of Portulaca oleracea seeds. Curr. Sci. 37: 506.

- Sing , J.S. (1969). Autecology of Cassia tora, L. P.L.480, Final Report. Bot. Dept., BHU, Varanasi.
- Sing , K.P. and Gopal, B. (1973). The effect of photoperiod and light intensity on the growth of some weeds of crop fields. In, Slatyer, R.O. (Ed.) "Plant response to climatic factors". Proc. of UNESCO Uppsala Symp. 1970. pp. 77-85.
- Sing al, S. (1967). An autecological study of Phyllanthus urinaria. Ph. D. Thesis, BHU, Varanasi.
- Smythies, E.A. (1939). Sal regeneration de novo. Indian For. 65: 614-621.
- Snedecor, G.W. and Cockran, W.G. (1967). Statistical Methods. 6th Edi., Iowa State Univ. Press.
- Srivastava, R.S. (1963). Autecological studies of two malvaceous weeds of Gorakhpur. Ph. D. Thesis, Agra Univ.
- * Staker, E.V. (1925).(cf. Weaver, J.E. and Clements, F.E. (1938). Plant Ecology. McGraw-Hill). The effect of dry heat on alfalfa seed and its adulterants. Jour. Amer. Soc. Agron. 17: 32-40.
- Stanhill, G. (1957). The effect of differences in soil moisture status on plant growth. A review and analysis of soil moisture regime experiments. Soil Sci. 84: 205-214.
- Stanhill, G. (1958). Effects of soil moisture on the yield and quality of early turnips. I. Response to different sustained soil moisture regimes. and II. Response at different growth stages. J. Hort. Sci. 33: 108-118 and 264-274.
- Starkey, R. (1942). Transformation of riboflavin and pantothenic acid during decomposition of plant materials. Proc. Soil Sci. Soc. Amer. 7: 237.

- Stevens, O.A. and Rock, L.F. (1952). Outline for ecological life history studies of herbaceous plants. Ecology 53: 415.
- Stewart, W. and Anderson, M. (1942). Auxins in some American soils. Bot. Gaz. 103 : 570.
- Stone, E.C. and Juhren, G. (1951). The effect of fire on the germination of the seed of Rhus ovata Wats. Amer. J. Bot. 38: 368-372.
- Sujitara, T. (1936). Cytologia 7: 544.
- Swan, D. G. and Furtick, W.R. (1962). Competition of fiddle-neck with wheat. Weeds 10: 121-125.
- Tadulingam, C. and Cheriyan, K. (1924). A new species of Biophytum. J. Indian Bot. Soc. 4: 87.
- Talbert, C.M. and Holch, A.E. (1957). A study of the lobing of sun and shade leaves. Ecology 38: 655-658.
- Tansley, A.G. (1917). On competition between Galium saxatile L. (G. hercynicum Weig.) and Galium sylvestre Poll. (G. asperum Schreb.) on different types of soil. J. Ecol. 5: 173-179.
- Tansley, A. G. (1949). A symposium on the reciprocal relationship of ecology and taxonomy - I. Introduction. J. Ecol. 37: 401-402.
- Thompson, P.A. (1970). Characterization of the germination response to temperature of species and ecotypes. Nature 225 : 827-831.
- Thut, H.F. and Loomis, W.E. (1944). Relation of light to growth of plants. Plant Physiol. 19: 117-130.

- Tjio J.M. and Levan, D.A. (1950). The use of oxyquinoline in the chromosome analysis. *Ann. Expt. Aula. Dei.* 2(1): 61-64.
- Tool , E.H., Toole, V.K., Borthwick, H.A. and Hendsicks, S.B. (1955). Interaction of temperature and light in germination of seeds. *Plant Physiol.* 30: 473-478.
- Tool , E.H. (1959). Effect of light on the germination of seeds. In Withrow, R.B. (Ed.), Photoperiodism and related phenomena in plants and animals. Washington : Amer. Assoc. Advan. Sci.
- Tool , E.H., Handricks, S.B. and Borthwick, H.A. (1956). Physiology of germination. *Ann. Rev. Plant Physiol.* 7: 299-319.
- Treshow, M. (1970). Environment and Plant Response. McGraw-Hill Book. Co., N.Y.
- Tripathi, R.S. (1965). An ecological study of weeds infesting wheat and gram crops of Varanasi. Ph. D. Thesis, BHU, Varanasi.
- Tripathi, R.S. (1968). Certain autecological observations on Asphodelus tenuifolius Cav. - a troublesome weed of Indian agriculture. *Trop. Ecol.* 9(2): 208-219.
- Tripathi, R.S. and Harper, J.L. (1973). The comparative biology of Agropyron repens (L.) Beauv. and A. caninum (L.) Beauv. I. The growth of mixed populations established from tillers and from seeds. *J. Ecol.* 61: 353-368.
- Tripathi, R.S. and Misra, R. (1971). Phytosociological studies of the crop-weed association at Varanasi. *J. Indian Bot. Soc.* 50: 142-152.

- Trivedi, T.S. (1955). Autecology of Sesbania bispinosa Fawcett et Rendle with special reference to its distribution. Bull. Bot. Soc. Saugar Univ. 7: 55-60.
- Tsui Chenz (1948). The effect of zinc on water relation and osmotic pressure of the tomato plant. Amer. J. Bot. 35: 309-311.
- Ungar, I.A. (1962). Influence of salinity on seed germination in succulent halophytes. Ecology 43(4): 763-764.
- Van Steenis Ed. (1948-1954). Flora Malesiana I - Vol. 4. pp. 229-230. P. Noordhoff Ltd.
- Varma, S.C. (1938). On the nature of the competition between plants in the early phases of their development. Ann. Bot. 2: 203-225.
- Varshney, C.K. (1964). Ecology of wall flora of Varanasi. Ph.D. Thesis, BHU, Varanasi.
- Varshney, C.K. (1966 a). Ecological life history of Bidens biternata (Lour.) Merr. & Sherff. Trop. Ecol. 7: 13-24.
- Varshney, C.K. (1966 b). Autecological observations on Aristida funiculata Trin. et Rupr. Proc. Nat. Acad. Sci. India 36: 49-56.
- Vegis, A. (1964). Dormancy of higher plants. Ann. Rev. Plant Physiol. 15: 185-224.
- Villiers, T.A. (1972). Seed dormancy. In, Kozlowski, T.T. (Ed.) Seed Biology. Vol. 2. Academic Press, N.Y. pp. 226-227.
- Villiers, T.A. and Wareing, P.F. (1960). Interaction of growth inhibitor and a natural germination stimulator in the dormancy of Fraxinus excelsior L. Nature 185: 112-114.

- Wakhoo, J.L. (1961). Autecological aspects of three indigenous medicinal plants. Ph. D. Thesis, Bhagalpur Univ.
- Wakhoo, J.L. (1964). Autecology of Rauvolfia serpentina Benth. I and II. J. Indian Bot. Soc. 43: 96-101 and 374-390.
- Wareing, P.F. (1956). Photoperiodism in woody plants. Ann. Rev. Plant Physiol. 7: 191-214.
- Wareing, P.F. (1959). Photoperiodism in seeds and seedlings of woody species. In Thimann (Ed.). The physiology of Forest Trees. Ronald Press, N.Y. pp. 539-556.
- Warrington, K. (1924). The influence of manuring on the weed flora of arable land. J. Ecol. 12: 111-126.
- Warren, W.D.M. (1941). Sal regeneration de novo in *B. sal*. Indian For. 67: 116-123.
- Wassink, E.C., Richardson, S.D. and Pieters, G.A. (1956). Photosynthetic adaptation to light intensity in leaves of Acer pseudoplatanus L. Acta. Bot. Neerl. 5: 247.
- Watson, D.P. (1948). Structure of the testa and its relation to germination in the Papilionaceae, Tribe Trifolieae and Loteae. Ann. Bot. N.S. 12: 385-409.
- Watson, D. J. (1956). Leaf growth in relation to crop yield. In : Milthorpe, F.L. (Ed.). The Growth of leaves. Butterworths, London. pp. 178-190.
- Weaver, J.E. and Clements, F.E. (1938). Plant Ecology. McGraw-Hill Book Co., Inc.
- Wellington, P.S. (1966). Germination and seedling emergence. In Milthorpe, F.L. and Ivins, J.D. (Eds.). The Growth of Cereals and Grasses. Butterworths, London.

- Went F.W. (1957). Experimental Control of Plant Growth.
Chronica Botanica Co., Waltham, Mass.
- Wess n, G. and Wareing, P.F. (1969). The induction of light
sensitivity in weed seeds by burial. J. Expt. Bot.
20: 414-425.
- * Whit, R. (1908). The occurrence of an impermeable cuticle
on the exterior of certain seeds. Proc. Roy. Soc.
Victoria 21(1):
- Wier: ma, (1959). In Russel, (Ed.), "Water and its Relation
to Soil and Crops". p. 52.
- Will: ans, W.A. and Ellicott, J.R. (1960). Ecological signifi-
cance of seed coat impermeability to moisture in
crimson, subterranean and rose clovers in a Mediterranean
type climate. Ecology 41: 733-742.
- Yoda, E., Kira, T., Ogawa, H. and Hozumi, K. (1963). Self
thinning in overcrowded pure stands under cultivated
and natural conditions. J. Biol. Osaka Cy. Univ. 14:
107-129.

* (original not seen.)