

REFERENCES

- Abrams, L. 1951. *Illustrated Flora of the Pacific States*. Vol. III. Sanford Univ. Press, California.
- Adhirajan, N., T. Ravikumar, N. Shanmughasundaram and M. Babu. 2003. *In vivo* and *in vitro* evaluation of hair growth potential of *Hibiscus rosa-sinensis* L. *J. Ethnopharm.* **88**:235-239.
- Ahmed, K.J. 1964. Cuticular studies in Solanaceae. *Canad. J. Bot.* **42**:793-803.
- Akpan, G.A. 2000. Cytogenetic characteristics and the breeding system in six *Hibiscus* species. *Theor. Appl. Genet.* **100**:315-318.
- Akpan, G.A. and G.M. Hossain. 1998. Karyotypes and evolutionary relations of *Hibiscus asper* Hook., *H. cannabinus*, L. and *H. surattensis*, L. (Malvaceae). *Bot. J. Linn. Soc.* **126**:207-216.
- Ali, M. and S.H. Ansari. 1997. Hair care and herbal drugs. *Ind. J. Nat. Prod.* **13**:3-5.
- Ali, M.N. and I. Nabulsi. 2003. Genetic diversity of almonds (*Prunus dulcis*) using RAPD technique. *Scientia Horticulturae* **98** : 461-471.
- Alverson, W.S., B.A. Whitlock, R. Nyffeler, C. Bayer and D.A. Baum. 1999. Phylogeny of the core Malvales: evidence from *ndh F* sequence data. *Am. J. Bot.* **86**:1474-1486.
- Andersson, S. 1992. Phenotypic selection in a population of *Crepis tectorum* subsp. *pumila* (Asteraceae). *Canad. J. Bot.* **70** : 89-95.
- Baker, H.G. 1948. Dimorphism and monomorphism in the Plumbaginaceae. *Ann. Bot.* **12** : 207-219.
- Ballester, J., and C. Vicente. 1998. Determination of F1 hybrid seed purity in pepper using PCR-based markers. *Euphytica* **103**: 223-226.
- Bamzai, R.D. and G.S. Randhava. 1965. Palynological studies in *Citrus*. *J. Palynol.* **1** : 111-121.
- Banerjee, I. 1929. Studies in the cotton pollen. *Agri. J. Ind.* **24** : 332-340.

- Barthlott, W. 1981. Epidermal and seed surface characters of plants : systematic applicability and some evolutionary aspects. *Nord. J. Bot.* **1** : 345-355.
- *Barthlott, W. and G.Voit. 1979. Mikromorphologic der samen schalen and taxonomic der Cactaceae : Ein rasterelektronen mikroskopischee uberblick – *Plant Syst. Evol.* **132** : 205-229.
- Bartolozzi, F., M.L. Warburton, S. Arulsekhar and T.M. Gradziel. 1998. Genetic characterization and relatedness among Californian almond cultivars and breeding lines detected by randomly amplified polymorphic DNA (RAPD) analysis. *J. Am. Soc. Hort. Sci.* **123** : 381–387.
- Bates, D.M. 1965. Notes on the cultivated Malvaceae. *Baileya* **13**:56-130.
- Bates, D.M. 1967. A reconsideration of *Sidopsis* Rydberg and notes on *Malvastrum* A.. Gray (Malvaceae). *Rhodora* **69**:9-28.
- Bayer, C., M.F. Fay, A.Y. de Bruijn, C.M. Morton, K. Kubitzki, W.S. Alverson and M.W. Chase. 1999. Support for an expanded family concept of Malvaceae within a recircumscribed order Malvales: a combined analysis of plastid *atp B* and *rbc L* DNA sequences. *Bot. J. Linn. Soc.* **129**:267-303.
- Bentham, G. and J.D. Hooker. 1883. '*Genera Plantarum*'. Vol. III. Reeve., London.
- Bessis, J. and M. Guyot. 1979. An attempt to use stomatal characters in systematic phylogenetic studies of the Solanaceae. In J.G. Hawkes. R.N. Lester and A.D. Skelding (eds.). *The Biology and Taxonomy of the Solanaceae*. Acad. Press, London. pp. 321-326.
- Bhat, K.V. and R.L. Jarret. 1995. Random amplified polymorphic DNA and genetic diversity in Indian *Musa* germplasm. *Genet. Resour. Crop Evol.* **42** : 107-118 .
- Bhatt, R.B., J.A. Inamdar and D.J. Webber. 1988. Leaf architecture of some Malvaceae. *Angew. Bot.* **62**(3-4):135-146.

- Bose, C.M. and N.C. Nair. 1988. *Flora of Coimbatore*. Bishan Singh Mahendra Pal Singh, Dehradun.
- Bragg, L.H. and C. McMillan. 1962. Morphology of four grass taxa in Texas. *Amer. Mid. Nzt.* **67** : 321-333.
- Bunning, E. 1952. Morphogenesis in plants. In G.S. Jr Avery (ed.). *Survey of Biological Progress*. Acad. Press, New York.
- Burton, R. F. 2004. The mathematical treatment of leaf venation: the variation in secondary vein length along the midrib. *Ann. Bot.* **93**(2): 149-156.
- Caetano-Anolles, G., G.J. Bassam, and, P. M Gresshof. 1991. High resolution DNA amplification fingerprinting using very short arbitrary oligonucleotide primers. *Biotechnology* **9** : 533-536.
- Carpenter, W.J. and J.A. Cornell. 1992. Auxin application duration and concentration govern rooting of *Hibiscus* stem cuttings. *J. Amer. Soc. Hort. Sci.* **117**(1): 68-74.
- Chaloner, W.G. 1970. The evolution of meiospore polarity. *Geoscience and Man* **1** : 47-56.
- Chandra, S., S. Kumar and B.N. Pandey. 1980. Anther constancy and pollen production in *Malvaviscus arboreus* Cav. (Malvaceae). *J. Palynol.* **16** (1-2): 147-149.
- Chaturvedi, M. and K. Datta. 1984. On the development of pollen surface pattern in *Hibiscus rosa-sinensis*, L. *J. Palynol.* **20**(1): 1-11.
- Chauhan, V.S. and J.P. Tandon. 1984. Genotypic variability and character association in hill rice. *Oryza* **21**: 138-142.
- Christensen, P.B. 1986 a. Pollen morphological studies in the Malvaceae. *Grana* **25**: 95-117.
- Christensen, P.B. 1986 b. Evolutionary trends in the pollen morphology of Malvaceae. In Blackmore, S. and I.K. Ferguson : *Pollen and Spores: Forms and Function*. Academic Press, London.
- Clausen, K.D. 1960. A survey of variations in pollen size within individual plants and catkins of three taxa of *Betula*. *Pollen et spores.* **2**: 299-304.

- Clausen, K.E. 1962. Size variation in pollen of three taxa of *Betula*. *Pollen et spores*. **4** : 169-174.
- Cochis, T. 1966. The effect of concentration and type of sugar and agar on the *in vitro* germination of *Hibiscus rosa-sinensis* pollen. *Adv. Front. Plant Sci.* **13**:13-19.
- Couch, J.A. and P.J. Fritz. 1990. Isolation of DNA from plants high in polyphenolics. *Plant Molecular Biology Reporter* **8**: 8-12.
- Cowan, J.H. 1950. *The Rhododendron leaf. A study of the epidermal appendages*. Oliver and Boya, London.
- Cowen, D.V. 1965. *Flowering Trees and Shrubs in India*. Thacker and Co. Ltd., Bombay. P.124.
- Criley, R.A. 1981. Vegetative growth control of *Hibiscus rosa-sinensis* hedges with chlormequat. *Hort. Sci.* **16**: 343-344.
- Darlington, C.D. 1965. *Recent advances in Cytology*. Philadelphia: Blackiston.
- Darlington, C.D. and A.P. Wylie. 1955. *Chromosome Atlas of Flowering Plants*. George Allen and Unwin Ltd., London. p. 123.
- Darwin, C. 1877. *The Different Forms of Flowers on Plants of the Same Species*. John Murray, London.
- Davis, T.A. 1964. Aestivation in Malvaceae. *Nature* **201**: 516.
- Davis, T.A. and K.K. Ghoshal. 1966. Variation in floral organs of *Hibiscus rosa-sinensis*. *Linn. J. Ind. Bot. Soc.* **XLV**: 30-43.
- Davis, J.I. and A.J. Gilmartin. 1985. Morphological variation and speciation. *Syst. Bot.* **10**: 417-425.
- Davis, P.H. and V.H. Heywood. 1991. *Principles of Angiosperm Taxonomy*. Today and Tomorrow's Printers and Publishers, New Delhi.
- Dayanandan, P. 1979. Scanning Electron Microscopy of Pollen and Spores. *J. Palynol.* **15** (2): 111-119.
- *De Candolle, A.P. 1824. *Prodromus Systematis Naturalis Regni Vegetabilis*. Parts: Sumptibus Sociorum Treuttel et Wurtz.

- Debener, T., C. Bartels and L. Matiesch. 1996. RAPD analysis of genetic variation between a group of rose varieties and selected wild rose species. *Mol. Breeding* **2**: 321-327.
- Dehnel, G.S. 1961. Abnormal stomatal development in the foliage leaves of *Begonia aridiculis*. *Amer. J. Bot.* **48** : 129-133.
- Dhillon, S.S., K. Singh and K.S. Brar. 1999. Diversity analysis of highly selected genotypes in Indian mustard (*Brassica juncea* Czern and Coss.). "New Horizons for an old crop". Proceedings of the Tenth International Rapeseed Congress, Canberra, Australia.
- Dole, J.M and H.F Wilkins. 1999. *Floriculture, Principles and species*. Prentice - Hall Inc. pp 368-370.
- Duke, J.C. La and J. Doebley. 1995. A chloroplast DNA based phylogeny of the Malvaceae. *Syst. Bot.* **20**: 259-271.
- Dwivedi, R.N., S.P. Pandey and V.J. Tripathi. 1977. Role of Japapushpa (*Hibiscus rosa-sinensis*) in the treatment of arterial hypertension- a trial study. *J. Res. Ind. Med., Yoga and Homeopathy* **12**:13-36.
- Dyer, W.D. Thistelton. 1879. *Hibiscus rosa-sinensis* var. *schizopetalus*. *Gard. Chron.* **11**:568.
- Edlin, H.L. 1935. A critical revision of certain taxonomic groups of the Malvales. *New Phytol.* **34**:1-20,122-143.
- El Naggar, S.M. 2004. Pollen morphology of Egyptian Malvaceae An assessment of taxonomic value. *Turk. J. Bot.* **28** : 227-240.
- Erdtman, G. 1952. *Pollen Morphology and Plant Taxonomy of Angiosperms*. Almquist and Wiksell, Stockholm.
- Erdtman, G. 1957. *Pollen and Spore Morphology and Plant Taxonomy, Gymnospermae, Pteridophyta and Bryophyta*- Stockholm and New York.
- Erdtman, G. 1966. *Pollen Morphology and Plant Taxonomy of Angiosperms*. Corrected reprint of the edition of 1952 with a new addendum. Hafner Pub. No:NV.

- Falconer, D.S. 1981. *An Introduction to Quantitative Genetics*. Longman, New York.
- Fanizza, G., .G. Colonna, P. Resta, P and G. Ferrara. 1999. The effect of the number of RAPD markers on the evaluation of genotypic distances in *Vitis vinifera*. *Euphytica* **107**: 45–50.
- Farooqui, P. 1979. On the occurrence of abnormal stomata in plants. *Curr. Sci.* **48** : 841-850.
- Fryxell, P.A. 1988. Malvaceae of Mexico. *Sys. Bot. Monographs* **25**.
- Fryxell, P.A. 1992. Malvaceae. In G. Harling and L. Anderson (eds.), *Flora of Ecuador*, no.44. Texas A and M University.
- Fujishiro, T. and T. Sasakuma. 1994. Variety identification and molecular characterization of newly bred line by RAPD marker in *Brassica juncea*. *Breeding Sci.* **44** (1): 132.
- Gamble, J.S. 1935. *Flora of Presidency of Madras*. Vol. I. Adlard and Son Ltd. London. p:94.
- Gbile, Z.O. 1986. Epidermal studies in the *Solanum nigrum* complex in Nigeria. In W.G. D' Arcy (ed.) *Solanaceae, Biology and Systematics*. pp. 159-168.
- Gibbs, M.M., T.M. Blessington, J.A. Price and Y.T. Wand. 1989. Effect of dark storage, temperature and duration on flowering and quality retention of *Hibiscus*. *Hort. Sci.* **24** (4) 646- 647.
- Gilmartin, A.J. 1974. Variation within populations and classification. *Taxon* **23**:523-536.
- Goldblatt, P. 1988. *Index to Plant Chromosome Numbers 1984-1985. Monographs in Systematic Botany*. Vol.23. Missouri Botanical Garden. p : 144.
- Goldblatt, P., A. Le Thomas and M. Suarez-cervera. 2004. Phylogeny of the Afro-Madagascan *Aristea* (Iridaceae) revisited in the light of new data on pollen morphology. *Bot. J. Linn. Soc.* **144** : 41-68.
- Gottlieb, L.D., 1977. Electrophoretic evidence and plant systematics. *Ann. Missouri Bot. Gard.* **64**:161–180.

- Graf, A.B. 1982. *Exotica. International Pictorial Cyclopedia of Exotic Plants from Tropical and Near-tropic Regions*. Series 4. Vol 2. Roehrs Comp. Publ. USA. pp.1526-1533.
- Graff, K.P. 1997. *Hibiscus, Rose of China, Flowers all over Europe*. Promotional brochure, Graff Kristensen A/s, p.4.
- Grant, V. 1981. *Plant Speciation*. 2nd ed. Columbia Univ. Press, New York.
- Hadrys, H., M. Balick and B. Schierwater. 1992. Applications of random amplified polymorphic DNA (RAPD) in molecular ecology. *Molec. Ecol.* **1**: 55-63.
- Heel, W.A. van, 1966. Morphology of the androecium in Malvales. *Blumea* **13**: 177-394.
- Heel, W.A. van. 1978. Morphology of the pistil in Malvaceae-Ureneae. *Blumea* **24**(1):123-137.
- Henry, R.J. 1997. *Identification of Plants Using Molecular Techniques in Practical Application of Plant Molecular Biology*. Chapman and Hall, London, pp. 1-50.
- Hereman, S. 1868. *Paxton's Botanical Dictionary*. pp:285-286.
- Heslop-Harrison, J. 1976. The adaptive significance of the exine. *Linn. Soc. Symp. Ser.* **1** : 27-37.
- Heslop-Harrison, J. 1979. Pollen walls as adaptive systems. *Ann. Miss. Bot. Gard.* **66**:813-829.
- Heslop-Harrison, J. and Y. Heslop-Harrison. 1973. Pollen wall proteins. 'Gametophytic' and 'Sporophytic' fractions in the pollen walls of Malvaceae. *Ann. Bot.* **37** : 403-412.
- Heslop-Harrison, J., Y. Heslop-Harrison, R.B. Knox and B.J. Howlett. 1973. Pollen wall proteins: "gametophytic" and "sporophytic" fractions in the pollen walls of Malvaceae. *Ann. Bot.* **37**:403-412.
- Heslop-Harrison, Y. 1978. Genetics and physiology of angiosperm incompatibility system. *Proc. Roy. Soc. London Ser. B. Biol. Sci.* **202**:73-92.

- Hess C.E. 1962. A physiological analysis of root initiation in easy and difficult to root cuttings. *Proc. 16th Int. Hort. Congr.* pp:375- 381.
- Hickey, L.J. 1973. Classification of the architecture of dicotyledonous leaves. *Amer. J. Bot.* **60**(1):17-33.
- *Hochreutiner, B. P. G. 1955. Malvacees. pp. 1-170. In *Flore de Madagascar et des Comones* 129, ed. H. Humbert. Paris : Fir min – Didot.
- *Hochreutiner, B.P.G. 1900. Revision du genre *Hibiscus*. Conservatoire et Jardin Botaniques Geneve; *Annuaire.* **4**:23-191.
- Hooker, J.D. 1875. *Flora of British India*. Vol. I. Reeve and Co., London. p. 344.
- Hooker, J.D. 1880. *Hibiscus schizopetalus*. *Curtis Botanical Magazine* **106** : 6524.
- Hosni, H.A. and S. Araffa. 1999. Malvaceae in the flora of Egypt. 2- Pollen morphology and its taxonomic significance. *Taekholmia* **19**: 147-156.
- Howlett, B.J., R.B. Knox and J. Heslop-Harrison. 1973. Pollen-wall proteins : release of the allergen Antigen E from intine and exine sites in pollen grains of ragweed and *Cosmos*. *J. Cell. Sci.* **13**:603-619.
- Hu, J. and C.F. Quiros. 1991. Identification of broccoli and cauliflower cultivars with RAPD markers. *Plant Cell Rep.* **10**: 505–511.
- Hu, S.Y. 1955. *Flora of China*. p. 47.
- Hussin, K.H. and Z.M. Sani. 1998. Comparative leaf anatomical studies of some *Sterculia* L. species (Sterculiaceae). *Bot. J. Linn. Soc.* **127**: 159-174.
- Hutchinson, J. 1946. *Evolution and Classification of Rhododendrons*. *Rhododendron Year Book*. 1946, London. pp. 42-47.
- Hutchinson, J. 1967. *The Genera of Flowering Plants*. Vol II. Oxford Univ. Press, Oxford.
- Hutchinson, J. 1969. *Evolution and Phylogeny of Flowering Plants. Dicotyledons: Fact and Theory*. Acad. Press, London.

- Huynh, K.L. 1976. Arrangement of some monosulcate, disulcate, trisulcate, dicolpate and tricolpate pollen types in the tetrads and some aspects of evolution in the angiosperms. *Linn. Soc. Symp. Ser. 1* ; 101-124.
- Ilbi, H. 2003. RAPD markers assisted varietal identification and genetic purity test in pepper, *Capsicum annuum*. *Scientia Horticulturae* **97** : 211-218.
- Inamdar, J.A. and A.J. Chohan. 1969 a. Epidermal structure and ontogeny of stomata in vegetative and floral organs of *Hibiscus rosa-sinensis* L. *Aust. J. Bot.* **17**: 89-95.
- Inamdar, J.A. and A.J. Chohan. 1969 b. Epidermal structure and stomatal development in some Malvaceae and Bombacaceae. *Ann. Bot.* **33** : 865-878.
- Jain, J.P. 1982. *Statistical Techniques in Quantitative Genetics*. Tata McGraw Hill, New Delhi.
- Jendereck, M.M., K.A. Schierenbeck and A.J. Olney. 1997. Development of RAPD markers characteristic of *Hibiscus rosa-sinensis* and *H. syriacus*. Waterright-Centre for Irrigation Technology Irrigation Notes, CATI Pub., California.
- Jenson, R.J. 2003. The conundrum of morphometrics. New trends in plant systematics. *Taxon* **52** : 663-671.
- Jensen, R.J., S.C. Hokanson, J.G. Isebrands, and J.F. Hancock. 1993. Morphometric variation in oaks of the Apostle Islands in Wisconsin: evidence of hybridization between *Quercus rubra* and *Q. ellipsoidalis* (Fagaceae). *Amer. J. Bot.* **80**: 1358-1366.
- Jenson, R.J., K.M. Ciofani and L.C. Miramontes. 2002. Lines, outlines and landmarks : morphometric analyses of leaves of *Acer rubrum*, *Acer saccharinum* (Aceraceae) and their hybrid. *Taxon* **51** : 475-492.
- Johnson, R.A. and D.W. Wichern. 2001. *Applied Multivariate Statistical Analysis*. Prentice Hall, India.
- Johnson, T. 1999. *CRC Ethnobotany Desk Reference*. CRC Press, New York.

- Jonathan, E.N., D.T. Fred and D.C. Malcolm. 2001. Effects of potassium on drought resistance of *Hibiscus rosa-sinensis* cv. *leprechaun*: Plant growth, leaf macro-and micronutrient content and root longevity. *Plant and Soil* **229** (2): 213-224.
- Joosten, H. and P. de Klerk. 2002. What is in a name ? some thoughts on pollen classification, identification and nomenclature in quaternary palynology. *Rev. Paleo Bot. Pal.* **122** : 29-45.
- Judd, W.S. and S.R. Manchester. 1997. Circumscription of Malvaceae (Malvales) as determined by a preliminary cladistic analysis of morphological, anatomical, palynological and chemical characters. *Brittonia* **49**:384-405.
- Judd, W.S., C.S. Campbell, E.A. Kellogg, and P.F. Stevens. 2002. *Plant Systematics. A Phylogenetic Approach*. Sinauer Associates, Massachusetts.
- Jussieu, A. L. de. 1789. *Genera Plantarum*, Paris.
- Kachecheba, J.L. 1975. Effects of 4 – (indole – 3) – butyric acid, light intensity and terminal buds in vegetative propagation of *Hibiscus*. *East African Agr. For. J.* **41**: 22-34.
- Kachecheba, J.L. 1976. Seasonal effects of light and auxin on the rooting of *Hibiscus* cuttings. *Scientia Horticulturae* **5**:345-351.
- Kasture, V.S., C.T. Chopde and V.K. Desmukh. 2000. Anticonvulsive activity of *Albizia lebeck*, *Hibiscus rosa-sinensis* and *Butea monosperma* in experimental animals. *J. Ethnopharm.* **71**(1-2): 65-75.
- Kearney, T.H. 1951. The American genera of Malvaceae. *Amer. Midl. Nat.* **46**:93.
- Kelley, J.W. and D.R. Thaxton. 1987. Reduce bud abscission of *Hibiscus*. *Greenhouse Grower* **5**(3): 88.
- Kelty, M.M. 1984. Container-grown *Hibiscus* propagation and production. *Proc. Intl. Plant Prop. Soc.* **34**:480-486.
- Kholkute, S.D. and K.N. Udupa. 1976. Effects of *Hibiscus rosa-sinensis* on pregnancy of rats. *Planta Med.* **29**: 321-329.

- Kidwai, P. 1974. *Bot. J. Linn. Soc.* **68**: 227-234.
- *Klebs, G. 1904. Uber probleme der entwicklung. *Biol. Zbl.* **24**: 257-267, 287-305, 449-465, 481-501, 545-559.
- Klips, R.A. 1999. Pollen competition as a reproductive isolating mechanism between two sympatric *Hibiscus* species (Malvaceae). *Amer. J. Bot.* **86**: 269-272.
- Krishnamurthy, J.R. and S. Ranganathan. 2000. Antipyrityrosporin activity of herbal drug combination of *Wrightia tinctoria* and *Hibiscus rosa-sinensis*. *Ind. J. Dermatology* **45**(3):125-126.
- Krishnaswami, R. and R. Andal. 1978. Stomatal chloroplast number in diploids and polyploids of *Gossypium*. *Proc. Ind. Acad. Sci.* **87** B (Plant Sci.). 109-112.
- Kumar, S. and D.K. Dubey. 1998. Heritability and genetic advance in induced mutants of *Lathyrus*. *Indian J. Pulses Res.* **11**: 86-89.
- Kumar, S., V.S. Kumar, A. Sharma, Y.N. Shukla and A.K. Singh. 1994. *Traditional Medicinal Plants in Skin Care*. Central Institute of Medicinal and Aromatic Plants, Lucknow. p. 103.
- Kuzdowics, A. 1958. Identification of degree of polyploidy in beet on the basis of pores in the pollen grains. *Acta Soc. Bot. Polon.* **27** : 491-500.
- Lakshmi, M., M. Parany and A. Parida. 2002. Molecular Phylogeny of Mangroves IX : Molecular marker assisted intraspecific variation and species relationships in the Indian mangrove tribe Rhizophoreae. *Aquatic Botany* **74** : 201-217.
- Lankinen, A and L. Skogsmyr. 2002. Evolution of pistil length as a choice mechanism for pollen quality. *Oikos* **92** (1): 81-90.
- Lawrence, G.H.M. 1951. *Taxonomy of Vascular Plants*. McMillan Co., New york.
- Lee, S. 1979. A factor analysis study of the functional significance of angiosperm pollen. *Syst. Bot.* **3** : 1-19.
- Lin, J.J., J. Kuo, J. Ma, J.A. Saunders, H.S. Beard, M.H. Macdonald, W. Kenworthy, G.N. Ude and B.F. Matthews. 1996. Identification of

- molecular markers in soyabean comparing RFLP, RAPD and AFLP DNA mapping techniques. *Plant Mol. Biol. Rep.* **14**: 156-169.
- Linnaeus, C. 1753. *Species Plantarum*. 1st ed. Fascimille Ray Society, London.
- Linnaeus, C. 1754. *Genera Plantarum*. 5th ed. Fascimille Weinheim: Engelmann (Cramer) and Wheldon and Wesley, Ltd.
- Loureiro, J.D. 1788. *Flora cochinchinensis*. Tomus I. p. 419.
- Lowry, J.B. 1976. Floral anthocyanins of some Malaysian *Hibiscus* species. *Phytochemistry* **15**:1395-1396.
- Lynch, M. and B.G. Milligan. 1994. Analysis of population genetic structure with RAPD markers. *Molec. Ecol.* **3**:91-99.
- Mabberley, D.J. 1987. *The Plant Book*. Cambridge.
- Mahalanobis, P.C. 1928. A statistical study of Chinese head measurement. *J. Asiatic Soc. Bengal.* **25**: 301-337.
- Maheswari, P. 1962. The overpowering role of morphology in taxonomy. *Bull. Bot. Surv. Ind.* **4**(1-4): 85-94.
- Manikar, A.R. and C.I. Jolly. 2001. Formulation of natural shampoos. *Int. J. Cosm. Sci.* **23**:59-62.
- Martins, M., A. Farinha, E. Ferreira, V. Cordeiro, A. Monteiro, R. Teneiro and M. Oliveira. 2001. Molecular analysis of the genetic variability of Portuguese almond collections. In: *Proceedings of the International Symposium on Molecular Markers for Characterizing Genotypes and Identifying Cultivars in Horticulture, ISHS*. Acta Horticulturae vol. **546**.
- Masters, M. 1879. The fringed *Hibiscus*. *Gard. Chron.* **12**:272.
- Mathew, P.J. and P.M. Mathew. 2001. Pollen morphology of some members of Piperaceae and its bearing on the systematics and phylogeny of the family. *Rheedea* **11**: 65-78.
- Mathew, P.J., P.M. Mathew and P. Pushpangadan. 1999. Genotypic and phenotypic correlations and heritability of certain quantitative characters in *Piper nigrum* L. *J. Cytol. Genet.* **34**(1): 87-90.

- Mathew, P.M. and G.Valsaladevi. 1989. Pollen dimorphism in the South Indian Acanthaceae. *J. Palynol.* **25**: 107-111.
- Mathew, P.M. and Philip Omana. 1983. Studies in the pollen morphology of south Indian Rubiaceae. In P.K.K.Nair (ed.). *Advances in Pollen Spore Research* **10**: 1-80.
- *Maurizio, A. 1956. Pollen gestalling bee einigen polyploiden Kulturpftanzen. *Grana Palynol.* **1**(2): 52-69.
- Mc Clintock, B. 1956. Intranuclear systems controlling gene action and mutation ; *Brookhaven Symp. Biol.* **8**: 58-74.
- Mc Lellan, T. and J.A. Endler. 1998. The relative success of some methods for measuring and describing the shape of complex objects. *Syst. Biol.* **47** : 264-281.
- Metcalf, C.R. and L.Chalk. 1950. *Anatomy of Dicotyledons – I and II*. Clarendon Press, Oxford.
- Miller, R.O. 1987. Take a look at *Hibiscus*. *Grower Talks* **51** (4): 136-138.
- Mishra, M.K. 1997. Stomatal characteristics at different ploidy levels in *Coffea* L. *Ann. Bot.* **80**: 689-692.
- Moll, R.H. and C.W. Stuber. 1974. Quantitative genetics – empirical results relevant to plant breeding. *Adv. Agron.* **26**: 277-310.
- Moore, P.D. and J.A. Webb. 1978. *An Illustrated Guide to Pollen Analysis*. Hodder and Stoughton, London.
- Morgan, T.H. 1934. *Embryology and Genetics*. Columbia Univ. Press, New York.
- Muller, J. 1979. Form and function in angiosperm pollen. *Ann. Miss. Bot. Gard.* **66**:593-632.
- Murray, M. G. and W.F. Thompson. 1980. Rapid isolation of high molecular weight DNA. *Nucleic Acids Res.* **8**: 321–4325.
- Murthy, D.R.K., C.M. Reddy and S.B. Patil. 1997. Effect of benzene extract of *Hibiscus rosa-sinensis* on the estrous cycle and ovarian activity in albino mice. *Biol. Pharm. Bull.* **20**:756-758.
- Nadkarni, A.K. 1954. *Indian Materia Medica*. Bombay. p. 631.

- Nair, C.K. and N. Mohanan. 1998. *Medicinal Plants of India*. Nag Pub. Delhi. p. 232.
- Nair, P.K.K. 1958. Dimorphic spines in the pollen grains of *Malva parviflora*. *J. Sci. Industr. Res.* **17** : 35-36.
- Nair, P.K.K. 1960. Pollen grains of cultivated plants. I. *Canna*. *J. Ind. Bot. Soc.* **39**: 373-381.
- Nair, P.K.K. 1961 a. Pollen grains of cultivated plants. II. *Bougainvillea*, *Hibiscus* and *Euphorbia*. *J. Ind. Bot. Soc.* **40**:365-381.
- Nair, P.K.K. 1961 b. Pollen morphology of some Indian medicinal plants. *J. Sci. Ind. Res.* **20c**(2): 45-50.
- Nair, P.K.K. 1962. Pollen grains of cultivated plants. III. Great millet and maize. *Indian J. Agri. Sci.* **32**(3) : 196-200.
- Nair, P.K.K. 1965. *Pollen grains of Western Himalayan Plants*. Asia Pub. House, Bombay.
- Nair, P.K.K. 1970. *Pollen Morphology of Angiosperms. III. Historical and Phylogenetic Study*. Vikas Pub. House, Delhi.
- Nair, P.K.K. 1974. An understanding of plant morphology and evolution. *Glimpses in Pl. Res.* **2** : 26-44.
- Nair, P.K.K. and S.K. Kapoor. 1974. Pollen morphology of Indian vegetable crops. *Glimpses in Pl. Res.* **2** : 106-201.
- Nair, P.K.K., H.A. Khan and K.M. Kurt Koti. 1964. Palynological studies in some grape varieties. *Indian Agriculturist* **8** (1) : 26-30.
- Narasimhayya, G. and C.V. Venkata Rao. 1974. Classification of the varieties of cigarette tobacco using D^2 statistic. *Indian J. Agric. Sci.* **44**: 660-673.
- Nayar, T.S. 1990. *Pollen Flora of Maharashtra State, India*. Today and Tomorrow Printers and Publishers, New Delhi. p. 45.
- Nei, M. 1972. Genetic distance between populations. *Amer. Nat.* **106**: 283-293.

- Nei, M. and W.H. Li. 1979. Mathematical model for studying genetic variation in terms of restriction endonucleases. *Proc. Natl. Acad. Sci. U.S.A.* **76**: 5269–5273.
- Neumaier, E.E., T.M. Blessington and J.A. Price. 1987. Effect of light and fertilizer rate and source on flowering, growth and quality of *Hibiscus*. *Hort. Sci.* **22**: 902-904.
- Nkongolo, K.K. and L. Nsapato. 2003. Genetic diversity in *Sorghum bicolor* (L.) Moench accessions from different ecogeographical regions in Malawi assessed with RAPDs. *Genet. Resou. Crop Evol.* **50**(2): 149-156.
- Oertlie, J.J., S.H. Lips and M. Agami. 1990. The strength of sclerophyllous cells to resist collapse due to negative turgor pressure. *Acta Oecol.* **11** : 281-289.
- Ong, E.T. and A.N. Rao. 1973. Pollen dimorphism in certain angiosperms. *J. Palynol.* **9** (2): 142-151.
- Ongusoa, J.M., E. M. Kahangi, D. W. Ndiritu and F. Mizutani. 2004. Genetic characterization of cultivated bananas and plantains in Kenya by RAPD markers. *Scientia Horticulturae* **99**: 9–20.
- Palmer, K. and M. Palmer. 1954. *Hibiscus unlimited and how to know them*. Creative Press Inc., St. Petersburg, Florida.
- Panse, V.G. and P.V. Sukhatma. 1985. *Statistical Methods for Agricultural Workers*. Indian Council for Agricultural Research, New Delhi.
- Pant, D.D. and R. Banerji. 1965. Epidermal structure and development of stomata in some Convolvulaceae. *Senckenberg. Biol.* **46** : 155-173.
- Pant, D.D. and P.F. Kidwai. 1967. Development of stomata in some Cruciferae. *Ann. Bot.* **31** : 513-521.
- Patel, G.I. and R.M. Dutta. 1958. Pollen grain studies in various types of *Corchorus oiltorius* L., *C. casularos* and some other sp. of *Corchorus*. *Grana Palynologica N.S.I.* **1**(3) : 18-21.
- Paul, T.K. 1993. Malvaceae. In B.D. Sharma and M. Sanjappa. (eds.) *Flora of India* 3. Bot. Surv. Ind., Calcutta. pp. 257-394.

- Paul, T.K. and M.P. Nayar. 1988. Malvaceae. In M.P. Nayar, K. Thothathri and M. Sanjappa (eds.), *Fascicles of Flora of India*, 19. Howrah. pp. 204-233.
- Pfeil, B.E., C.L. Brubaker, L.A. Craven and M.D. Crisp. 2002. Phylogeny of *Hibiscus* and the tribe Hibisceae (Malvaceae) using chloroplast DNA sequences of *ndh F* and the *rp 116* intron. *Syst. Bot.* **27**(2):333-350.
- Pijl, L. van der. 1937. Disharmony between Asiatic flower-birds and American bird-flowers. *Ann. Jard. Bot. Buitenzorg.* **68**:17-26.
- Powell, A.M. 1965. Taxonomy of *Tridax* (Compositae). *Brittonia* **17** : 47-96.
- Prakash, A.O., S. Shukla and R. Mathur. 1985. *Hibiscus rosa-sinensis*, Linn.: its effect on Beta Glucuronidase in the uterus of ovariectomized rats. *Curr. Sci.* **54**(15): 734-736.
- Prakashi, A., K. Bhattacharya, S.N. Kabir and A.K. Pal. 1986. Flowers of *Hibiscus rosa-sinensis* a potential source of contragestative agent. III: Interceptive effect of benzene extract in mouse. *Contraception* **34**(5): 523-536.
- Puckhaber, L.S., R.D. Stipanovic and C.A. Bost. 2002. Analysis for flavonoid aglycones in fresh and preserved *Hibiscus* flowers. In J. Janick and A. Whipkdy (eds.) *Trends in new crops and uses*. ASHS Press, Alexandria.
- Punt, W., S. Blackmore, S. Nilsson and A. Le Thomas. 1994. *Glossary of Pollen and Spore Terminology*. LPP Contributions Series No.1. LPP Foundation, Uty. Of Utrecht, The Netherlands.
- Qian, H. 1999. Floristic analysis of vascular plant genera of North America north of Mexico: characteristic of phytogeography. *J. Biogeography* **26**: 1307-1321.
- Raghurajan, V. and A.N. Namboodiri. 1982. Exceptional features of sterility in *Hibiscus rosa-sinensis* cultivar. scarlet. *Curr. Sci.* **51**(2): 105-107.
- Rajagopal, T. 1979. Distributional patterns and taxonomic importance of foliar stomata. *Ind. J. Bot.* **2** : 63-69.

- Rakshit, S.C. and B.C. Kundu. 1972. Revision of Indian species of *Hibiscus* L. *Bull. Bot. Surv. Ind.* **12**(1-4):151-175.
- Ramachandran, V.S. and V.J. Nair. 1988. *Flora of Cannanore*. Bot. Surv. Ind., Calcutta. p. 58.
- Rao, R.B. and N. Ramayya. 1967. Stomatal abnormalities in two dicotyledons. *Curr. Sci.* **36** : 357-358.
- Rao, R.M. 1914. *Flowering Plants of Travancore*. Govt. Press, Trivandrum.
- Rao, S.S.R. 1987. Structure, distribution and classification of plant trichomes in relation to taxonomy: Sterculiaceae. *Feddes Repertorium* **98**(1-2): 127-135.
- Rao, S.S.R and N. Ramayya. 1976. Phylaxis and biology of the peltate scale and stellate and tufted hairs in some Malvaceae. *J.Ind.Bot. Sci.* **55**: 75-79.
- Rao, S.S.R. and N. Ramayya. 1977a. Stomatogenesis in the genus *Hibiscus* L. (Malvaceae). *Bot. J. Linn. Soc.* **74**:47-56.
- Rao, S.S.R. and N. Ramayya. 1977 b. Structure, distribution and taxonomic importance of trichomes in the Indian species of *Malvastrum*. *Phytomorphology* : 40-44.
- Rao, S.S.R and N.Ramayya. 1981. Distribution of stomata and its relation to plant habit in the order Malvales. *Ind. J. Bot.* **4**(2) : 149-156.
- Raven, P. H. 1975. The bases of Angiosperm phylogeny: Cytology. *Ann. Miss. Bot. Gard.* **62**:724-764.
- Reddy, C.M., D.R. Murthy and S.B. Patil. 1997. Antispermatic and androgenic activities of various extracts of *Hibiscus rosa-sinensis* in albino mice. *Ind. J. Exp. Biol.* **35**(11): 1170-1174.
- Reichenbach, H.T.L.1828. *Conspectus Regni Vegetabilis*. Lipsiae : Carolum Cnobloch.
- Reid, M.S., B. Wollenweber and M. Serek. 2002. Carbon balance and ethylene in the post harvest life of flowering *Hibiscus*. *Post Harv. Biol. Tech.* **25**: 227-233.

- Rendle, A.B. 1959. *The Classification of Flowering Plants*. Cambridge Univ. Press, London. p. 247.
- Rowley, J.R. and J.J. Skvarla 2000. The elasticity of the exine. *Grana* **39**:1-7.
- Saad, S.I. 1960. The sporoderm stratification in the Malvaceae. *Pollen Spores* **2** : 13-41.
- Saad, S.I. 1972. Pollen structure in relation to phylogeny. *J. Palynol.* **8**: 37-53.
- Sachdewa, A. and L.D. Khemani. 2003. *Hibiscus rosa-sinensis* L. ethanol flower extract on blood glucose and lipid profile in streptozotocin induced diabetes in rats. *J. Ethnopharm.* **89** : 61-66.
- Saibaba, A.M. and S.S.R. Rao. 1990. Leaf venation studies in Indian *Sida* (Malvaceae). *Sida* **14**(2): 215-222.
- Saldanha, C.J. 1984. *Flora of Karnataka*. Vol. I. Oxford Pub. Co., Delhi.
- Salisbury, E.J. 1927. On the causes and ecological significance of stomatal frequency with special reference to the woodland flora. *Phil. Trans. Roy. Soc. B* **216** : 1-65.
- Sambrook, J., E.F.Fritsch and T.Maniatis T. 1989. *Molecular Cloning, A Laboratory Manual*. Cold Spring Harbor Lab Press, U.S.A.
- Sapra, V.T., J.L. Hughes and G.C. Sharma. 1975. Frequency, size and distribution of stomata in *Triticale* leaves. *Crop Sci.* **15** : 356-358.
- Saravanan, S. and N. Nadarajan. 2003. Association analysis of yield and its contributing characters in *Sesamum indicum* L. *J. Cytol. Genet.* **4** : 165-168.
- Satapathy, A.P. 1978. Left and right twisting of *H. rosa-sinensis*. *Sci. and Cult.* **44** : 188-189.
- Schuman, K. 1890. Malvaceae. In Engler and Prantl (eds.), *Di naturlichen Pflanzenfamilien* 3(6).Llipzig. pp. 30-53.
- Serek, M., E.C. Sister and M.S. Reid. 1995. Effects of 1-MCP on the vase life and ethylene response of cut flowers. *Plant Growth Reg.* **16**: 93-97.

- Sethi, N., D. Nath and R.K. Singh. 1986. Teratological study of an indigenous antifertility medicine, *Hibiscus rosa-sinensis* in rats. *Arogya J. Health Sci.* **12**:86-88.
- Shah, G.L. 1967. Stomatal development in *Convolvulus arvensis* Linn. *Proc. Ind. Acad. Sci. Sect. B.* **66**: 237-242.
- Sharma AK, Sharma A (1962) Polyploidy and chromosome evolution in *Hibiscus*. *La Cellulae* **62**: 281-300.
- Singh, F. and T.N. Khoshoo. 1970. Chromosomal polymorphism within the *Hibiscus rosa-sinensis* complex. *Caryologia* **23**(1): 19-27.
- Singwi, M.S. and S.B. Lall. 1980. Cytotoxic effects of flower extract of *Hibiscus rosa sinensis* on spermatogenically and androgenically active testis of a non scrotal bat *Rhinopoma kinneari wroughton* *Ind.J.Exp. Biol.* **18**: 1405-1407.
- Sivarajan, V. V. and A. K. Pradeep. 1996. *Malvaceae of Southern Peninsular India: a taxonomic monograph*. Daya Pub. Hon., Delhi.
- Smith, J.J., J.S. Scott-Craig, J.R. Leadbetter, G.L. Bush, D.L.Roberts and D.W. Fullbright. 1994. Characterization of random amplified polymorphic DNA (RAPD) products from *Xanthomonas campestris* and some comments on the use of RAPD products in phylogenetic analysis. *Mol. Phyl. Evo.* **3** : 135-145.
- Snedecor, C.W. and W.G. Cochran. 1980. *Statistical Methods*. 7th ed. The Iowa State Univ. Press.
- Snow, A.A., T.P. Spira and H. Liu. 2000. Effects of sequential pollination on the success of “fast” and “slow” pollen donors in *Hibiscus moscheutos*. *Am.J.Bot.* **87**: 1656-1659.
- Sokal, R.R. 1978. Population differentiation : something new or more of the same ? In Brussard, P.F. (ed.) *Ecological Genetics. The Interface*. Springer Verlag, New York. pp: 215-239.
- Sokal, R.R. and P.H.A. Sneath. 1963. *Principles of Numerical Taxonomy*. Freeman, San Francisco.

- Soltis, P.S. 1986. Estimates of heritability and correlation of morphometric data in *Clarkia* (Onagraceae). *Theor. Appl. Genet.* **73** : 88-93.
- Srivastava, D. 1982. Studies on the pollen biology of certain cultivated Malvaceae. In Nair, P.K.K. (ed.) *Advances in Pollen Spore Research*. Vol.9. Today and Tomorrow Printers and Publishers, Lucknow.
- Stace, C.A. 1984. The taxonomic importance of the leaf surface. In V.H. Heywood and D.M. Moore (eds.). *Current Concepts in Plant Taxonomy*. London. pp. 67-94.
- Stanley, R.G. and H.F. Linskens. 1974. *Pollen: Biology, Chemistry and Management*. Springer Verlag, Berlin.
- Stebbins, G.L. 1950. *Variation and Evolution in Plants*. Columbia Univ. Press, New York.
- Stebbins, G.L. 1975. Deductions about trans-specific evolution through extrapolation from processes at the population and species level. *Ann. Missouri. Bot. Gard.* **62** : 825-834.
- Steinberg, S.L., J.M. Zajicek and M.J. Mc Farland. 1991. Water relations of *Hibiscus* following pruning or chemical growth regulation. *J.Am. Soc.Hor.Sci.* **116** (3): 465-470.
- Stewart, C.N.J and D.M. Porter. 1995. RAPD profiling in biological conservation: an application to estimating clonal variation in rare and endangered *Iliamna* in Virginia. *Biological Conservation.* **74** : 135-142.
- Stuessy, T.F. 1990. *Plant Taxonomy*. Columbia University Press, New York.
- Sundaran, S., K. Radha, P.G. Sreepathy and E.R.B. Shanmughasundaram. 1983. Annapavala Sindhooram. An antiatherosclerotic Indian drug. *J. Ethno. Pharmacol.* **7** : 247-266.
- Tan, C.H. 1983. Is *Hibiscus rosa-sinensis* a potential source of antifertility agent for males? *Int. J. Fertil.* **28** : 225-230.
- Tan, G.Y. and G.M. Dunn. 1973. Relationship of stomatal length and frequency and pollen grain diameter to ploidy level in *Bromus inermis* leys. *Crop Sci.* **13** : 332-334.

- Tang, T., Y. Zhang, S. Jian and S. Shi. 2003. Genetic diversity of *Hibiscus tiliaceus* (Malvaceae) in China assessed using AFLP markers. *Ann. Bot.* **92**(3): 409-414.
- Taylor, T.N. and D.A. Levin. 1975. Pollen morphology of Polemoniaceae in relation to systematics and pollination systems. Scanning Electron Microscopy. *Grana* **15**: 91-112.
- Tingey, S.V., J.A. Rafalski and S.J.K. Williams. 1992. Genetic analysis with RAPD markers. In: *Proceedings of the Symposium Application of RAPD Technology to Plant Breeding*, Crop Science Society of America, Minneapolis, MN, pp. 3-8.
- Upadhyay, A., K. Jayadev, R. Manimekalai and V.A. Parthasarathy. 2004. Genetic relationship and diversity in Indian coconut accessions based on RAPD markers. *Scientia Horticulturae* **99** :353-362.
- Vajravelu, E. 1990. *Flora of Palghat District. Bot. Surv. India*. Calcutta. p. 76.
- Van Campo, M. 1976. Patterns of pollen morphological variation within taxa. In I.K. Ferguson and J.Muller (eds.), *The evolutionary significance of the exine*. pp. 125-137. (Linn. Soc. Symp. Ser. No.1) Academic Press, London.
- Vilasini, G., K.G. Mary and P.K. Pillai. 1966. Studies on pollen morphology, production and viability in different varieties of shoe flower (*H. rosa-sinensis* L.). *Agri.Res.J.Kerala*. **4** : 24-27.
- Vishnu-Mittre and H.P.Gupta. 1966. Pollen morphological studies on some primitive varieties of Maize (*Zea mays* L.) with remarks on the history of maize in India. *The Palaeobotanist* **15**(1-2):176-184.
- Waalkes, B. J. van. 1966. Malesian Malvaceae revised. *Blumea* **14**:1-251.
- Walker, J.W. 1971. Pollen morphology, phytogeography and phylogeny of the Annonaceae. *Contr. Gray Herb.* **202** : 1-132.
- Walker, J.W. 1973. Comparative pollen morphology and phylogeny of the Ranalian complex. In Charles B. Beck (ed.). *Origin and Early*

- Evolution of Angiosperms*. Columbia Univ. Press, New York. pp. 241-299.
- Walker, J.W. 1974. Evolution of the exine structure in the pollen of primitive angiosperms. *Am. J. Bot.* **61**:891-902.
- Walker, J.W. and J.A. Doyle. 1975. The basis of angiosperm phylogeny: Palynology. *Ann. Miss. Bot. Gard.* **62**:664-723.
- Wang, Y.T. and L.L. Gregg. 1989. Uniconazole affects vegetative growth, flowering and stem anatomy of *Hibiscus*. *J. Am. Soc. Hor.Sci.* **114** (6): 927-932.
- Wang, P.Y., R. Cheng, R. Fang, L.P. Wu and Z. Zhu. 1989. Study of identification of ploidy in pollen plants and wheat using guard cells. *Acta Agri. Univ. Perkinensis* **15** : 141-145.
- Whang, S.S., K. Choi, R.S. Hill and J.H. Pak. 2002. A morphometric analysis of infraspecific taxa within the *Ixeris chinensis* complex (Asteraceae, Lactuceae). *Bot. Bull. Acad. Sin.* **43** : 131-138.
- Wight, R. and A. Walker. 1976. In Arnott, G.A. (ed.). Vol.I. *Prodromus Florae Penninsulae Indiae Orientalis*. Bishen Singh Mahendra Pal Singh, Dehradun.
- Wilcox, E.V. and V.S. Holt. 1913. Ornamental Hibiscus in Hawaii. *Hawaii Agr. Exp. Sta. Bull.* **29**.
- Williams, J. G. K., A.R. Kubelik, K.J. Livak, J.A. Rafalski and S.V. Tingey. 1990. DNA polymorphisms amplified by arbitrary primers are useful as genetic markers. *Nucleic Acids Res.* **18**: 6531-6535.
- Willis, J.C. 1966. *A Dictionary of Flowering Plants and Ferns*. (7th ed.). p.544.
- Wilson, R.F. 1938. *The Wilson Colour Chart*. Vol. 1. Published by The British Colour Council.
- Wilson, R.F. 1941. *The Wilson Colour Chart*. Vol. 2. Published by The British Colour Council.

- Wodehouse, R.P. 1935. *Pollen grains. Their structure, identification and significance in science and medicine*. Mc Graw hill Pub., New York.
- Wodehouse, R.P. 1965. *Pollen Grains*. Hafner, New York.
- Won, C.Y., P.D. Young and S.K. Ho. 1998. Pepper (*Capsicum annuum* L.) cultivar identification and seed purity test by random amplified polymorphic Nas RAPDs) and phosphoglucomutase (PGM) isozyme. *RDA J. Hort. Sci.* **40** (1) :5–23.
- Woodson, W.R., S.H. Hanchey and D.N. Chisholm. 1985. Role of ethylene in the senescence of isolated *Hibiscus* petals. *Plant Physiol.* **79**: 679-683.
- Yamasaki, H., H. Uefuji and Y. Sakihama. 1996. Bleaching of the red anthocyanin induced by superoxide radical. *Arch. Biochem. Biophys.* **332**(1):183-186.
- Yang, X. and C. Quiros. 1993. Identification and classification of celery cultivars with RAPD markers. *Theor. Appl. Genet.* **86** : 205-212.
- Yuldshev, S.K. and F.Z. Gareva. 1974. *Uzb. Biol. Zn.* **18**:38-41.
- Zhou, C., L.U. Bao-Rong, B.S. Brian, S. Kazuhiko, C. Jia-Kuan. 2002. Comparative studies of genetic diversity in kenaf (*Hibiscus cannabinus* L.) varieties based on analysis of agronomic and RAPD data. *Hereditas* **136** (3): 231-239.

* Original not consulted