

## REFERNCES

- AFM Flower Seed Co. Ltd. 2001. *Seeds catalogue*, AFM flower seed. 125-131.
- Akasaka-Kennedy, Y., Yoshida, H. and Takahata, Y. 2005. Efficient plant regeneration from leaves of rapeseed (*Brassica napus* L.): the influence of AgNO<sub>3</sub> and genotype. *Plant Cell Rep.* 24: 649-654.
- Alka, S., Dhaduk, B.K., Shah, R. R. and Singh, A. 2003. Effect of dehydration on post harvest life and quality of zinnia flowers. *J.Orn. Hort. New Series.* 6: 141-142.
- Al-Khayri, J.M. and Al-Bahrany, A.M. 2001. Silver nitrate and 2-isopentenyladenine promote somatic embryogenesis in date palm (*Phoenix dactylifera* L.). *Sci. Hortic.* 89: 291-298.
- Armitage, A. M., Ewart, L. C., Carlson, W. H., and Bass, R. E. 1981. Control of plant height and flowering of Zinnia by photoperiod and growth retardants. *HortScience* 16 (2): 218-220.
- Arvind, K. A., Nagaraja, G.M., Naik, G. V., Kanginakudru, S., Thangavelu, K. and Nagaraju, J. 2004. Genetic diversity and relationships in mulberry (genus *Morus*) as revealed by RAPD and ISSR marker assays. *BMC Genet.* 5: 1-9.
- Bennett, M. D. 1972. Nuclear DNA content and minimum generation time in herbaceous plants. *Proc. R. Soc. Lon.* 181: 109-135.
- Bennett, M. D. and Leitch, I. J. 1995. Nuclear DNA amounts in angiosperms. *Ann. Bot.* 76: 113-176.

- Bennetzen, J. L. and Kellogg, E. 1997. Do plants have a one way ticket to genomic obesity? *Plant Cell* 9: 1509-1514
- Betal, S., Chowdhury, P. R., Kundu, S. and Raychaudhuri, S. S. 2004. Estimation of genetic variability of *Vigna radiata* cultivars by RAPD analysis. *Bio. Plantarum* 48: 205-209.
- Biradar, D. P., Bullock, D. G. and Rayburn, A. L. 1994. Nuclear DNA amount, growth and yield parameters in maizes. *Theor. Appl. Genet.* 88: 557-560.
- Boonvanno, K. and Kanchanopoom, K. 2000. *In vitro* propagation of gladiolus. *Suranaree J. Sci. Technol.* 7: 25-29.
- Boyle, T. H. and Wick, R. L. 1996. Responses of *Zinnia angustifolia* x *Z. violacea* backcross hybrids to three pathogens. *HortScience.* 31: 851-854.
- Brandham, P. E. and Doherty, M. J. 1998. Genome size variation in the Aloaceae, an angiosperm family displaying karyotypic orthoselection. *Ann. Bot.* 82 (Supplement A): 67-73.
- Carneiro, T. F., Finger, F. L., dos Santos, V. R., Neves, L. L. D and Barbosa, J.G. 2002. Longevity of *Zinnia elegans* inflorescences affected by sucrose and recuts of the stem. *Pesq. Agropec. Bras.* . 37: 1065-1070.
- Carvalho, C. H. S., Bohorova, N., Bordallo, P. N., Abreu, L.L., Valicente, F. H., Bressan, W. and Paiva, E. 1997. Type II callus production and plant regeneration in tropical maize genotypes. *Plant Cell Rep.* 17: 73– 76.
- Castillo, A. M., Egana, B., Sanz, J. M. and Cistue, L. 1998. Somatic embryogenesis and plant regeneration from barley cultivars grown in Spain. *Plant Cell Rep.* 17: 902–906.

- Chen, J. T., Chang, C. and Chang, W. C. 1999. Direct somatic embryogenesis on leaf explants of *Oncidium* Gower Ramsey and subsequent plant regeneration. *Plant Cell Rep.* 19: 143-149.
- Chung, J., Lee, J. H., Arumuganathan, K., Graef, G. L. and Specht, J. E. 1998. Relationship between nuclear DNA content and seed and leaf size in soybean. *Theor. Appl. Genet.* 96: 1064-1068.
- Church, D. L., and Galston, A. W. 1989. Hormonal induction of vascular differentiation in cultured *Zinnia* leaf discs. *Plant Cell Physiol.* 30: 73-78.
- Compton, M. E. and Gray, D. J. 1993. Somatic embryogenesis and plant regeneration from immature cotyledons of watermelon. *Plant Cell Rep.* 12: 61-65.
- Cousson, A., Tran, T. V. H. 1993. Influence of ionic composition of the culture medium on *de novo* flower formation in tobacco thin cell layers. *Can. J. Bot.* 71: 1506-1511.
- Cowen, R. K. D. and Ewart, L. C. 1990. Inheritance of a male sterile apetalous inflorescence in *Zinnia elegans*. *Acta. Hort.* 272: 37- 40.
- Dar, Q. A. H., Chattopadhyay, T. K., Misra, R. L. and Misra, S. 2002. Studies on seed production of zinnia. *Proceedings of the National Symposium on Indian Floriculture in the New Millennium*, Lal Bagh, Bangalore, 25-27 February 2002: 203-205.
- Dolezel, J. 1991. Flow cytometric analysis of nuclear DNA content in higher plants. *Phytochem. Anal.* 2: 143-154.
- Dolezel, J. 1997. Application of flow cytometry for the study of plant genomes. *J. Appl. Genet.* 38: 285-302.

- Dolezel, J., Dolezelova, M. and Novak, F. J. 1994. Flow cytometric estimation of the nuclear DNA amount in diploid banana (*Musa acuminata* and *M. balbisiana*). *Biol. Plant.* 36: 351-357.
- Dolezel, J., Greilhuber, J., Lucretti, S., Meister, A., Lysak, M. A., Nardi, L. and Obermayer, R. 1998. Plant genome size estimation by flow cytometry: Inter-laboratory Comparison. *Ann. Bot.* 2: 17-26.
- Dolezel, J. and Lucretti, S. 1995. High resolution flow karyotyping and chromosome sorting in *Vicia faba* lines with standard and reconstructed karyotypes. *Theor. Appl. Genet.* 90: 797-802.
- Dolezel, J., Sgorbati, S., and Lucretti, S. 1992. Comparison of three DNA fluorochromes for flow cytometric estimation of nuclear DNA content in plants. *Physiol. Plantarum* 85: 625-631.
- Dofé, C. 1986. Evaluation du niveau de ploïdie des plantes d'une population de choux de Bruxelles (*Brassica oleracea* L. ssp. gemmifera) d'origine pollinique. *Agronomie* 6: 797-801.
- Duffy, C. R. K. and Ewart, L. C. 1988. Inheritance of a narrow leaf shape in *Zinnia elegans*. *J. Am. Soc. HortScience.* 113: 612-615.
- Edouard, P., Jauneau, A., Digonnet, C., Boudet, A. M., Pichon, M. and Goffner, D. 2003. *Zinnia elegans*: the missing link from *in vitro* tracheary elements to xylem. *Physio. Planta.* 119: 463–468.
- Fukuda, H. and Komamine, A. 1980. Establishment of an experimental system for the study of tracheary element differentiation from single cell isolated from the mesophyll of *Zinnia elegans*. *Plant Physiol.* 65: 57-60.

- Galbraith, D. W., Harkins, K. R., Maddox, J. M., Ayres, N. M., Sharma, D. P. and Firoozabady, E. 1983. Rapid flow cytometric analysis of the cell cycle in intact plant tissues. *Science* 220: 1049-1051.
- Galbraith, D. W., Lamber, G. M., Macas, J. and Dolezel, J. 1997. Analysis of Nuclear DNA Content and Ploidy in Higher Plants. *Current Protocols in Cytometry*. John Wiley & Sons, Inc. New York..
- Godelle, B., Cartier, D., Marie, D., Brown, S. C. and Siljak-Yakovlev, S. 1993. Heterochromatin study demonstrating the non-linearity of fluorometry useful for calculating genome base composition. *Cytometry* 14: 618-626.
- Gombert, L., Windham M. and Hamilton, S. 2001. Evaluation of disease resistance among 57 cultivars of zinnia. *Hort. Tech.* 11: 71-74.
- Greilhuber, J. and Obermayer, R. 1997. Genome size and maturity groups in *Glycine max* (soybean). *Heredity* 78: 547-551.
- Grimes, H. D. and Hodges, T. K. 1990. The inorganic NO<sub>3</sub>: NH<sub>4</sub> ratio influences plant regeneration and auxin sensitivity in primary callus derived from immature embryos of indica rice (*Oryza sativa* L.). *Plant Physiol.* 136: 362-367.
- Hend, E. W. 2002. Response of *Zinnia elegans* to phosphorus and potassium fertilization. *Arab Univ. J. of Agri. Sci.* 10: 965-996.
- Hsia, C-N and Korban, S. S. 1996. Organogenesis and somatic embryogenesis in callus cultures of *Rosa hybrida* and *Rosa chinensis minima*. *Plant Cell Tiss. Org. Cult.* 44: 1-6.

- Huang, S. F., and Zhao, Z. F. 1995. Studies on chromosomes of three garden plants. *Guihaia* 15: 43-46.
- Huetteman, C. A. and Preece, J. E. 1993. Thidiazuron: a potent cytokinin for woody plant tissue culture. *Plant Cell Tiss. Org. Cult.* 33: 105-119.
- Husaini, S. W. H. and Iwo, G. A. 1990. Cytology of some weedy species of the family Compositae (Asteraceae) from Jos Plateau, Nigeria. *Feddes Repertorium* 101: 49-62.
- Jones, R. N. and Brown, L. M. 1985. Chromosome evolution and DNA variation in *Crepis*. *Heredity* 36: 91-104.
- Jose, J. C. and Mathew, P. M. 1995. Chromosome numbers in the south Indian Heliantheae (Compositae). *Compositae Newsletter* 27: 7-10.
- Keil, D. J., Luckow, M. A. and Pinkava, D. V. 1988. Chromosome studies in Asteraceae from the United States, Mexico, the West Indies, and South America. *Amer. J. Bot.* 75: 652-668
- Keller, E. R. J., Schbert, I., Fuchs, J. and Meister, A. 1996. Interspecific crosses of onion with distant *Allium* species and characterization of the presumed hybrids by means of flow cytometry, karyotype analysis and genomic *in situ* hybridization. *Theor. Appl. Genet.* 92: 417- 424.
- Kitamura, C., Takahashi, S., Tahara, S. and Mizutani, J. 1976. A sex stimulant to the male American cockroach in plants. *Agriculture Biological Chem.* 40: 1965-1969.
- Kohlenbach, H. W. and Schmidt, B. 1975. Cytodifferentiation in the mode of a direct transformation of isolated mesophyll cell to tracheids. *Z. Pflanzenphysiol.* 75: 369-374.

- Kubis, S., Schmidt, T. and Heslop-Harrison, J. S. 1998. Repetitive DNA elements as major component of plant genomes. *Ann. Bot.* 82: 45-55.
- Laliberte, S., Chretien, L. and Vieth, J. 1985. *In vitro* plantlet production from young capitulum explants of *Gerbera jamesonii*. *HortScience*. 20: 137-139.
- Lane, M. A. and Li, J. 1993. Documented chromosome numbers 1993: 1. Chromosome number reports in Compositae with emphasis on tribe Astereae of the southwestern United States and Mexico. *Sida* 15: 539-546.
- Lawrence, M. E. 1985. *Senecio* L. (Asteraceae) in Australia: nuclear DNA amounts. *Australia J. Bot.* 33: 221-313.
- Lim, K., Son, K., Chung, J., Lim, K. B., Son, K. C. and Chung, J. D. 2003. Influences of different day and night temperatures on growth of plug seedlings and flowering of *Zinnia hybrida*. *J. of Korean Soc. Hort. Sci.* 44: 92-96.
- Liu, Z. J., Li, P., Argue, B.J. and Dunham, R.A. 1999. Random amplified polymorphic DNA markers: usefulness for gene mapping and analysis of genetic variation of catfish. *Aquaculture* 174: 59-68.
- Lu'ysa, C., Lu'ys, G., Oliveira, C., Gonçaves, J. C. and Sara, A. 2004. RAPD assessment for identification of clonal identity and genetic stability of *in vitro* propagated chestnut hybrids. *Plant Cell Tiss. Org. Cult.* 77: 23-27.
- Lysak, M., Dolezelova, M. and Dolezel, J. 1997. Flow cytometric analysis of nuclear genome size in bananas and plantains. *In C-Value. Angiosperm*

- Genome Size Discussion Meeting. Royal Botanic Gardens, Kew, 1997.  
Abstracts: 22.
- Lysak, M. A., Cihalikova., J. and Dolezel, J. 1997. Morphometric and karyological analysis of a population of *Sestertia sadleriana* Janka in the Biele Karpaty mountains (Slovakia). *Folia Geobot. Phytotax* 32: 47-55.
- Ma, J. H., Yao, J. L., Cohen, D. and Morris, B. 1998. Ethylene inhibitors enhance *in vitro* root formation from apple shoot cultures. *Plant Cell Rep.* 17: 211-214.
- Madsen, M. H., Nauerby, B., Frederiksen, C.G. and Wyndaele, R. 1998. Regeneration of pea (*Pisum sativum* L.) by the thin cell layer nodal system: Influence of explant culture media on rooting and plantlet formation. *Acta. Agric. Scand. Sect. B-Soil Plant. Sci.* 48: 58–64
- Masterson, J. 1994. Stomatal size in fossil plants: Evidence of polyploidy in majority of angiosperms. *Science* 264: 421-424.
- McCann, M. C. and Roberts, K. 2000. Xylogenesis: The birth of a corpse. *Curr. Opi. Plant Bio.* 3: 517–522.
- Meister, A. and Barow, M. 2001. Lack of correlation between AT frequency and genome size in higher plant and the effect of non randomness of base sequence on dye binding. *Cytometry* 47: 1-7.
- Milioni, D., Sado, P.E., Stacey, N.J., Domingo, C., Roberts, K. and McCann, M.C. 2001. Differential expression of cell-wall related genes during the formation of tracheary elements in the *Zinnia* mesophyll cell system. *Plant Mol. Bio.* 47: 221–238.



- Miyajima, D. 2000. Flower bud removal and cytokinin treatment stimulate capitulum formation in double-flowered Zinnias. *HortScience*. 35: 260-261.
- Miyajima, D. 1998. Improvement of ornamental value by seed selection in double-flowered zinnias. *HortScience* 33: 696-698.
- Miyajima, D. 1997. Zinnia seed harvest time affects germination and plant growth. *HortScience* 32: 687- 689.
- Miyajima, D. 1996. Germination of Zinnia seed with and without pericarp. *Seed Sci. Tech.* 24: 465-473.
- Miyajima, D. 1995. Causes of low double-flowered seed production in breeding Zinnia. *J. Am. Soc. HortScience* 120: 759-764.
- Miyajima, D. and Nakayama, M. 1995. Analysis of Zinnia capitulum composition. *J. Am. Soc. HortScience* 119: 683-686.
- Mohiuddin, A. K. M., Chowdhury, M. K. U., Zaliha, A. C. and Napis, S. 1997. Influence of silver nitrate (ethylene inhibitor) on cucumber *in vitro* shoot regeneration. *Plant Cell Tiss. Org. Cult.* 51: 75–78.
- Murashige, T., Serpa, M and Jones, J. B. 1974. Clonal multiplication of gerbera through tissue culture. *HortScience* 9: 175.
- Murashige, T. and Skoog, F.1962. A revised medium for rapid growth and bioassays with tobacco tissue cultures. *Physiol. Plantarum.* 15: 473-497.
- Nakano, M., Hoshino, Y. and Mii, M. 1994. Adventitious shoot regeneration from cultured petal explants of carnation. *Plant Cell Tiss. Org. Cult.* 36: 15-19.

- Narayan, R. K. J. 1998. The role of genomic constraints upon evolutionary changes in genome size and chromosome organization. *Ann. of Bot.* 82 (Supplement A): 57-66.
- Neeta, D. S., Leela, G. and Eapen, S. 2001. Plant regeneration from leaf base callus of turmeric and random amplified polymorphic DNA analysis of regenerated plants. *Plant Cell Tiss. Org. Cult.* 66: 113–119.
- Neily, W. G., Hicklenton, P. R. and Kristie, D. N. 1997. Temperature and developmental stage influence diurnal rhythms of stem elongation in snapdragon and zinnia. *J. Am. Soc. HortScience* 122: 778-783.
- Neily, W. G., Hicklenton, P. R. and Kristie, D.N. 2000. Temperature, but not growth regulators, influences diurnal stem elongation rhythms in zinnia. *HortScience* 35: 39-42.
- Nirmala, A. and Rao, P. N. 1990. Somatic chromosome morphology of some Asteraceae. *J. Indian Bot. Soc.* 68: 395-396.
- Noirot, M., Barre, P., Louarn, J., Duperray, C. and Hamon, S. 2000. Nucleus-cytosol interactions – a source of stoichiometric error in flow cytometric estimation of nuclear DNA content in plants. *Ann. Bot.* 86: 309–316.
- Ochatt, S. J., Marconi, P.L., Radice, S., Arnozis, P. A and Caso, O. H. 1999. *In vitro* recurrent selection of potato: production and characterization of salt tolerant cell lines and plants. *Plant Cell Tiss. Org. Cult.* 55: 1–8.
- Ogawa, K. and Iwabuchi, M. 2001. A mechanism for promoting the germination of *Zinnia elegans* seeds by hydrogen peroxide. *Plant and Cell Physiol.* 42: 286-291

- Oldach, K. H., Morgenstern, A., Rother, S., Girgi, M., O'Kennedy, M. and Lorz, H. 2001. Efficient *in vitro* plant regeneration from immature zygotic embryos of pearl millet [*Pennisetum glaucum* (L.) R.Br.] and *Sorghum bicolor* (L.) Moench. *Plant Cell Rep.* 20: 416-421.
- O' Brien, I. E. W., Smith, D. R., Gardner, R. C., Murray, B.G. 1996. Flow cytometric determination of genome size in *Pinus*. *Plant Sci.* 115: 91-99.
- Palmer, C. E. 1992. Enhanced shoot regeneration from *Brassica campestris* by silver nitrate. *Plant Cell Rep.* 11: 541-545
- Pesquet, E., Ranocha, P., Legay, S., Digonner, C., Barbier, O., Pichon, M. and Goffner, D. 2005. Novel markers of xylogenesis in *Zinnia* are differentially regulated by auxin and cytokinin. *Plant Physiol.* 139: 1821-1839.
- Pfosser, A., Amon, A., Lelley, T., Heberle-bors, E. 1995. Evaluation of sensitivity of flow cytometry in detecting aneuploidy in wheat using disomic and ditelosomic wheat-rye addition lines. *Cytometry* 21: 387-393.
- Phytochemical Database, *USDA-ARS-NGRL*, Beltsville Agricultural Research Center, Beltsville, Maryland.
- Poonam, R. K., Dubey, R. K. and Kumar, R. 2002. Effect of planting time and spacing on zinnia. *J. of Ornament. Hort. New Series.* 5: 49-50.
- Poonam, R. K., Dubey, R. K. and Kumar, R. 2002. Effect of storage materials on seed germination and seed viability in zinnia. *J. of Ornament. Hort. New Series.* 5: 59.
- Premachandra, G. S., Nagasaka, C., Chaney, W. R. and Holt, H. A. 1994. Flurprimidol affects seed germination and growth of seedling, callus

- tissue and cell cultures of zinnia, sunflower, green pepper and tobacco. *Proc. Plant Growth Regul. Soc. Am.* 21st 128-130.
- Premachandra, G. S., Nagasaka, C., Chaney, W. R. and Holt, H. A. 1996. Response of cells, callus, seeds and plants to a range of flurprimidol concentrations varies in zinnia, sunflower, green pepper, and tobacco. *USA. PGRSA Q.* 24: 140-151.
- Qin, I. X. and Rotino G. L. 1995. Chloroplast number in guard cells as ploidy indicator of *in vitro*-grown androgenic pepper plantlets. *Plant Cell Tiss. Org. Cult.* 41: 145-149.
- Quiros, C. F., This, P. Laudi, M., Benet, A., Chevre, A. M. and Delseny, M., 1995. Analysis of a set of RAPD markers by hybridization and sequencing in *Brassica*: a note of caution. *Plant Cell Rep.* 14: 630-634.
- Rayburn, A. L., Augar, J. A. and McMurphy, L. K. 1992. Estimating percentage constitutive heterochromatin by flow cytometry. *Exp. Cell Res.* 198: 175-178.
- Razaq, Z. A., Khatoon S. and Ali, S. I. 1988. A contribution to the chromosome numbers of Compositae from Pakistan. *Pakis. J. Bot.* 20: 177—189.
- Razaq, Z. A., Vahidy, A. A. and Ali, S. I. 1994. Chromosome numbers in Compositae from Pakistan. *Ann. of Missouri Bot. Garden* 81: 800-808.
- Reutter, G., Strolka, B., and Eimert, K. 2003. Fast and reliable verification of doubled-haploid status in *Asparagus officinalis* L. by stringent RAPD-PCR. *J. Agric. Sci.* 141: 73-78.
- Rogers, R. B., Smith, M. A. L. and Cowen, R. K. D. 1992. *In vitro* production of male sterile *Z. elegans*. *Euphytica* 61: 217-223.

- Sandra, R. L. F., Maria, B. P. C., João, M. F. and Luiz, G. E. V. 2000. The effects of silver nitrate and different carbohydrate sources on somatic embryogenesis in *Coffea canephora*. *Plant Cell Tiss. Org. Cult.* 60: 5–13.
- Sharada, H. M., Bashandy, S. A. E., Mohga, S. A., Yassin, N. A. Z. and Soliman, F. 1995. Biochemical and pharmacological studies on the effect of *Zinnia elegans* and *Gerbera jamesonii* on female rats. *Bull. Fac. Pharm. (Cairo Univ.)*. 33: 27-32.
- Shuizhang, F., Read, P. E. and Terrance, P. R. 2000. Improvement of embryogenic callus induction and shoot regeneration of buffalograss by silver nitrate. *Plant Cell Tiss. Org. Cult.* 60: 197–203.
- Sheng, C. H., Tsai, C. C. and Sheu, C. S. 2000. Genetic analysis of *Chrysanthemum* hybrids based on RAPD molecular markers *Bot. Bull. Acad. Sin.* 41: 257-262.
- Spooner, D. M., Dennis, P. S. and Boyle T. H. 1991. *Zinnia marylandica* (Asteraceae: Heliantheae), a new disease-resistant ornamental hybrid. *Brittonia*. 43: 7-10.
- Stern, W. L. and Judd, W. S. 2002. Systematic and comparative anatomy of Cymbidieae (Orchidaceae). *Botan. J. Linn. Soc.* 139: 1–27.
- Susan, M. S., Dennis, P. S. and Brian, S. Y. 1992. Heritable tissue culture induced variation in *Zinnia marylandica*. *Euphytica* 64: 81-89.
- Thomas, H. B., Dennis, P. S., and Maria, S. M. 1986. Seasonal variation and reproductive development in *Zinnia elegans* Jacq. *J. Am. Soc. HortScience*. 111: 260-266.

- Tsuji, H., Naito, K., Hatakeyama, I. and Ueda, K. 1979. Benzyladenine-induced increase in DNA content per cell, chloroplast size, and chloroplast number per cell in intact bean leaves. *J. Expt. Bot.* 30: 1145-1151.
- Wang, M. L., Leitch, A. R., Schwarzacher, T., Heslop, H. J. S. and Moore, G. 1992. Construction of a chromosome-enriched Hpa II library from flow-sorted wheat chromosomes. *Nucleic Acids Res.* 20: 1897-1901. .
- Williams, J. G. K., Kubelik, A. R., Livak, K. J., Rafalski, J. A. and Tingey, S. V. 1990. DNA polymorphisms amplified by arbitrary primers are useful as genetic markers. *Nucleic Acids Res.* 18: 6531-6535.
- Wolff, K. 1996. RAPD analysis of sporting and chimerism in chrysanthemum. *Euphytica* 89: 159-164.
- Wolff, K. and Van, R. J. P. 1993. Rapid detection of genetic variability in *Chrysanthemum* (*Dendranthema grandiflora* Tzvelev) using random primers. *Heredity* 71: 335-341.
- Wolff, K., Zietewicz, E. and Hofstra, H. 1995. Identification of chrysanthemum cultivars and stability of DNA fingerprint patterns. *Theor. Appl. Genet.* 91: 439-447.
- Zhang, F.L., Takahata, Y. and Xu, J. B. 1998. Medium and genotype factors influencing shoot regeneration from cotyledonary explants of Chinese cabbage (*Brassica campestris* L. ssp. *pekinensis*). *Plant Cell Rep.* 17: 780-786.
- Zhang, P., Phansiri, S. and Kaerlas, J. P. 2001. Improvement of cassava shoot organogenesis by the use of silver nitrate. *Plant Cell Tiss. Org. Cult.* 67: 47-54.

Zhao, Z. F., Wang, Y. Q. and Huang, S. F. 1990. Plant chromosome counts (V).

*Forest Research (China)* 3: 503-508.

Zoghbi, M. D. B., Andrade, E. H. A., Carreira, L. M. M. and Maia, J. G. S. 2000.

Volatile constituents of the flowers of *Wulffia baccata* (L. f.) Kuntze.

and *Zinnia elegans* Jacq. (Asteraceae). *J. Ess. Oil Res.* 12: 415-417.

#### WWW sites

All American Selection Home Page. 2007. <http://www.all-americanselections.org>.

Darcy Pawlik. 2002. Marker Assisted Breeding in the 21st Century. [http://www.usask.ca/agriculture/plantsci/classes/plsc416/projects\\_2002/pawlin/resources/rapds.html](http://www.usask.ca/agriculture/plantsci/classes/plsc416/projects_2002/pawlin/resources/rapds.html)

Hartingaromas Home Page. 2005. [http://www.hartingaromas.com/data\\_sheet/p\\_myrcene.shtml](http://www.hartingaromas.com/data_sheet/p_myrcene.shtml)

National Garden Bureau Home Page. 2007. <http://www.ngb.org>.

Royal Botanic Gardens, Kew Home Page. 2007. Plant DNA C-values database.

<http://www.rbgekew.org.uk/cval/homepage.html>

Wikipedia Home Page. 2007. <http://en.wikipedia.org/wiki/Zinnia>