

RUJUKAN

- Affindy, C. (1999). *Kajian ke atas variasi morfologi spesies-spesies Etlingera Giseke*. Tesis Sarjana Muda Sains Universiti Malaya.
- Aida, S.A.P. (2003). *Kajian awal anatomi dan sistematik molekul bagi Scaphochlamys Baker (Zingiberaceae)*. Tesis Sarjana Sains Universiti Kebangsaan Malaysia.
- Allan, H.H. (1961). *Flora of New Zealand*. Vol. I. Government Printer, Wellington.
- Amici, M. (1824). Observations microscopiques sur diverses especes de plantes. Article 3 : du pollen. *Ann. Sci. Nat.* **2** : 65 – 70.
- Anderberg, A.A. and Stahl, B. (1995). Phylogenetic interrelationships in the order Primulales, with special emphasis on the family circumscriptions. *Can. J. Bot.* **73**: 1699-1730.
- Anita, H. (1993). *Kajian variasi beberapa spesies Scaphochlamys Bak. (Zingiberaceae)* Tesis Sarjana Muda Sains Universiti Malaya.
- Arora, K., Grace, J. and Stewart, F. (1982). Epidermal features of *Heracleum mantegazzianum* Somm. & Lev., *H. sphondylium* L. and their hybrid. *Bot. J. Linn. Soc.* **85** : 169 – 177.
- Ayensu, E.S. (1972). *Anatomy of monocotyledons. VI : Dioscoreales*. Oxford. 182p.
- Baker, E.A. (1971). Chemical and physical characteritics of cuticular membranes. *Ecology of leaf surface micro-organisms*. London and New York. Pp. 55 – 65.
- Baranova, M. (1992). Principles of comparative stomatographic studies of flowering plants. *Bot. Rev.* **58(1)** : 49 – 99.
- Beardsell, D.V., Williams, E.G. and Knox, R.B. (1989). The structure and histochemistry of the nectar and anther secretory tissue the flowers of *Thryptomene calycina* (Lindl.) Stapf (Myrtaceae). *Australian Systematic Botany.* **37** : 65 – 80.
- Berlyn, G. P. and Mikshe, J. P. (1976). *Botanical microtechnique and cytochemistry*. Iowa State University Press. Ames. Iowa.
- Bhajwani, S.S. and Bhatnagar, S.P. (1992). *The embriology of angiosperms*. Vikas Publication House India.
- Bierhorst, D.W. (1971). *Morphology of vascular plants*. Macmillan, New York.

- Blackmore, S. and Crane, P.R. (1988). *The systematic implications of pollen and spore ontogeny. Ontogeny and systematics*. Colombia University Press. Pp. 81 – 115.
- Bold, H.C., Alexopoulos, C.J. and Delevoryas, T. (1987). *Morphology of plants and fungi*. 5th Edition. Harper and Row, New York.
- Bristow, J.M. and Looi, A-S. (1968). Effects of carbon dioxide on growth and morphogenesis of marsilea. *American Journal of Botany*. **55** : 884 - 889.
- Burkill, I. H. (1935, 1966). *A dictionary of economic product of the Malay Peninsula*. Ministry of Agriculture Cooperative Kuala Lumpur. Cetakan 1966.
Volume 2 : 714 - 725.
- Burkill, I.H. and Hanif, M. (1930). The Malay village medicine. *Garden Bulletin Singapore*. **6** : 264 - 268.
- Capus, M.G. (1878). Anatomie du tissu conducteur. *Ann. Sci. Nat.* **7** : 207 – 291.
- Carlquist, S. (1969). Toward acceptable evolutionary interpretations of floral anatomy. *Phytomorphology*. **19** : 332 – 362.
- Chan, L.K. and Chris, K.H.T. (1998). Micromorphological studies on 22 varieties of *Carica papaya* found in Malaysia. *Proceeding of 7th Scientific Conference of the Electron Microscopy Society Malaysia*. Pp. 118 – 121.
- Chandler, B. (1911). *Deherainia smaragdina* Dcne. *Notes Roy. Bot. Gard. Edinburg*. **5**: 49-56.
- Chase, M.W., Dural, M.R., Hills, H.G., Conran, J.G, Cox, A.V., Eguiarte, L.E. and Hartwell, J. (1995a). Molecular phylogenetic of Liliaceae. Monocotyledons : systematics and evolution. *Royal Botanic Garden, Kew*. Pp. 109 – 137.
- Chase, M.W., Stevenson, D.W., Wilkin, D. and Rudall, P.J. (1995b). Monocot systematics : combined analysis. Monocotyledon : systematics and evolution. *Royal Botanic Garden, Kew*. Pp. 685 – 730.
- Chaudhry, B. and Vijayaraghavan, M.R. (1992). Structure and function of the anther gland in *Prosopis juliflora* (Leguminosae, Mimosoideae) : a histochemical analysis. *Phyton (Horn)*. **32** : 1 – 7.
- Chen, Z-Y. (1989). Evolutionary patterns in cytology and pollen structure of Asian Zingiberaceae. *Academia Sinica, Guangzhou, China*.
- Clarke, A.E., Considine, J.A., Ward, R. and Knox, R.B. (1977). Mechanism of pollination in *Gladiolus* role of the stigma and pollen tube guide. *Annals of botany*. **41** : 15 – 20.

- Chiampoloni, F., Cresti, M., Sarfatti, G. and Tiezzi, A. (1981). Ultrastructure of the styler canal cells of *Citrus limon* (Rutaceae). *Plant systematic and evolution.* **138** : 263 – 274.
- Chiampoloni, F., Shivanna, K.R. and Cresti, M. (1990). The structure and cytochemistry of the pistils of *Sternbergia lutea* (Amaryllidaceae). *Ann. Bot.* **66** : 703 – 712.
- Cobley, J.M. (1976). *An introduction to the botany of tropical crops.* 2nd Edition Longman London.
- Cooper, C.S. and Qualls, M. (1967). Morphology and chlorophyll content of shade and sun leaves of two legumes. *Crop. Sci.* **7** : 672 - 673.
- Cooper, R.L., Osborn, J.M. and Philbrick, C.T. (2000). Comparative pollen morphology and ultrastructure of Callitrichaceae. *American Journal of Botany.* **87(2)** : 161 – 175.
- Cowan, J.M. (1950). *The Rhododendron leaf. A study of epidermal appendanges.* Oliver and Boyd, Edinburgh, London. 120p.
- Cranwell, L.M. (1942). New Zealand pollen studies. *I. Rec. Auck. (N.Z) Inst.* **2(6)** : 280 - 308.
- Cresti, M., Ciampoloni, F.V., Went, J.L. and Wilms, H.J. (1982). Ultrastructure and histochemistry of *Citrus limon* (L.) stigma. *Planta.* **156** : 1 – 9.
- Cutter, E.G. (1978). *Plant anatomy : experiment and interpretation. Part 2 organs.* Edward Arnold Publishers London. Pp. 144 - 173.
- D'Arcy, W.G. (1973). *Correlliana* (Myrsinaceae), a new palmoid genus of the tropical rain forest. *Ann. Missouri Bot. Gard.* **60**: 442-448.
- Dahlgren, R. (1977). A commentary on diagramatic presentation of angiosperm in relation to the distribution of character states. *Flowering plant : Evolution and Classification of Higher catogories.* Springer-Verlag New York. Pp. 253 – 283.
- Dahlgren, R.M.T. and Clifford, H.T. (1982). *The monocotyledons : A comparative study.* Academic Press London.
- Dahlgren, R.M.T. and Ramussen, F.N. (1983). Monocotyledon evolution : characters and phylogenetic estimation. *Evol. Biol.* **16** : 255 - 395.
- David, P.H. and Heywood, V.H. (1963). *Principles of angiosperm taxonomy.* Oliver and Boyd, Edinburgh. 556p.

- Dickinson, H.G., Moriarty, J. and Lawson, J. (1982). Pollen pistil interaction in *Lilium longiflorum* : the role of the pistil on controlling pollen tube growth following cross and self-pollinations. *Proceeding of the Royal Society of London. Series B* (215) : 45 -62.
- Eames, A.J. (1961). *Morphology of angiosperms*. McGraw-Hill, New York.
- Edmonds, J.M. (1982). Epidermal hair morphology in *Solanum* L. section *Solanum*. *Bot. J. Linn. Soc.* 85 : 153 - 167.
- Eicher, A.W. (1884). *Über den bluthenlau des Zingiberaceae*. Sitzungsber. K. Preuss. Akad. Wiss. 26 : 585 - 600.
- Endress, P.K. (1994). *Diversity and evolutionary biology of tropical flowers*. Cambridge University Press, Cambridge.
- Endress, P.K. and Stumpf, S. (1991). The diversity of stamen structures in 'Lower' Rosidae (Rosales, Fabales, Proteales, Sapindales). *Bot. Jour. Linn. Soc.* 107 : 217 - 293.
- Erdtman, G. (1924). Studies in the micropaleontology of post-glacial deposits in Northern Scotland and Scotch Isles with special reference to the history of the woodlands. *J. Linn. Soc. Bot.* 46 : 499-504.
- Erdtman, G. (1947). Suggestions for the classification of fossil and recent pollen grains and spores. *Ibid.* 41(1) : 104 - 114.
- Erdtman, G. (1949). Palynological aspects of the pioneer phase in the immigration of the Swedish flora. *Grana Palynologica.* 7 : 46 - 55.
- Erdtman, G. (1952). *Pollen morphology and plant taxonomy*. Almqvist and Wiksell, Stockholm.
- Erdtman, G. (1966). *Pollen morphology and plant taxonomy angiosperm. An introduction to palynology I*. Hafner. Pub. Co. New York. 553p.
- Esau, K. (1953). *Plant anatomy*. Second Edition. John Wiley and Sons Inc. 147p.
- Esau, K. (1977). *Anatomy of seed plants*. Second Edition. Wiley New York.
- Fadhilah, W.Z.A. (1992). *Kajian taburan ekologi famili Zingiberaceae di habitat-habitat yang berlainan*. Tesis Sarjana Muda Sains Universiti Malaya.
- Fahn, A. (1979). *Secretory tissues in plants*. Academic Press London.

- Dickinson, H.G., Moriarty, J. and Lawson, J. (1982). Pollen pistil interaction in *Lilium longiflorum* : the role of the pistil on controlling pollen tube growth following cross and self-pollinations. *Proceeding of the Royal Society of London. Series B* **(215)** : 45 -62.
- Eames, A.J. (1961). *Morphology of angiosperms*. McGraw-Hill, New York.
- Edmonds, J.M. (1982). Epidermal hair morphology in *Solanum* L. section *Solanum*. *Bot. J. Linn. Soc.* **85** : 153 - 167.
- Eicher, A.W. (1884). *Über den bluthenbau des Zingiberaceae*. Sitzungsber. K. Preuss. Akad. Wiss. **26** : 585 - 600.
- Endress, P.K. (1994). *Diversity and evolutionary biology of tropical flowers*. Cambridge University Press, Cambridge.
- Endress, P.K. and Stumpf, S. (1991). The diversity of stamen structures in 'Lower' Rosidae (Rosales, Fabales, Proteales, Sapindales). *Bot. Jour. Linn. Soc.* **107** : 217 - 293.
- Erdtman, G. (1924). Studies in the micropaleontology of post-glacial deposits in Northern Scotland and Scotch Isles with special reference to the history of the woodlands. *J. Linn. Soc. Bot.* **46** : 499-504.
- Erdtman, G. (1947). Suggestions for the classification of fossil and recent pollen grains and spores. *Ibid.* **41(1)** : 104 - 114.
- Erdtman, G. (1949). Palynological aspects of the pioneer phase in the immigration of the Swedish flora. *Grana Palynologica.* **7** : 46 - 55.
- Erdtman, G. (1952). *Pollen morphology and plant taxonomy*. Almqvist and Wiksell, Stockholm.
- Erdtman, G. (1966). *Pollen morphology and plant taxonomy angiosperm. An introduction to palynology I*. Hafner. Pub. Co. New York. 553p.
- Esau, K. (1953). *Plant anatomy*. Second Edition. John Wiley and Sons Inc. 147p.
- Esau, K. (1977). *Anatomy of seed plants*. Second Edition. Wiley New York.
- Fadhilah, W.Z.A. (1992). *Kajian taburan ekologi famili Zingiberaceae di habitat-habitat yang berlainan*. Tesis Sarjana Muda Sains Universiti Malaya.
- Fahn, A. (1979). *Secretory tissues in plants*. Academic Press London.

- Friend, D.J.C. and Pomeroy, M.E. (1970). Changes in cell size and number associated with effects of light intensity and temperature on the leaf morphology of wheat. *Can. Jour. Bot.* **48** : 85 - 90.
- Freudenstein, J.V. and Rasmussen, F.N. (1999). What does morphology tell us about orchid relationships? A cladistic analysis. *American Journal of Botany.* **86**(2) : 225 - 248.
- Fritsch, F.E. and Salisbury, E. (1957). *Plant Form and Function*. G.Bell and Sons Ltd. London. 673p.
- Furnes, C.A. and Rudall, P.J. (1999). Inaperture pollen in monocotyledons. *International Journal of Plant Sciences.* **160**(2) : 395 - 414.
- Gentry, A.H. (1993). *A field guide to the families and genera of flowering plants of Northwest South America, Colombia, Ecuador, Peru, with supplementary notes of herbaceous taxa*. Conservation International Washington DC
- Gifford, E.M. and Foster, A.S. (1989). *Morphology and evolution of vascular plants*. W.H. Freeman, New York.
- Hall, A.V. (1991). A unifying teori for method of systematic analysis. *Biological Journal of the Linnean Society.* **42** : 425 - 456.
- Hall, A.V. (1997). A generalized taxon concept. *Biological Journal of the Linnean Society.* **125** : 169 - 180.
- Hallam, N.D. and Juniter, B.E. (1971). The anatomy of leaf surface. *Ecology of Leaf surface micro-organisms*. London and New York. Pp. 3 - 37.
- Haney, A.W. (1978). *Plants and life*. Macmillan Publisher London. 485p.
- Harris, W.F. (1955). *A manual of the spores of New Zealand Pteridophyta*. Wellington New Zealand.
- Hartig, T. (1942). *New theory of fertilisation of plants*. Brunwick.
- Heizelman, C.E. and Howard, R.E. (1948). The comparative morphology of Icacinaceae V : The pubescence and the crystals. *Amer. J. Bot.* **35** : 42 - 52.
- Henderson, M.R. (1954). *Malayan wild flower. Monocotyledons*. The Malayan Society Kuala Lumpur.
- Heslop-Harrison, J (1975a). Male gametophyte selection and the pollen stigma interaction. *In gamete competition in plants and animals*. North Holland Pub. Co. Amsterdam. Pp 177 - 190.

- Heslop-Harrison, J. (1975b). Incompability and the pollen stigma interaction. *A Rev. Pl. Physiol.* **26** : 403 – 425.
- Heslop-Harrison, J. (1985). Botanical microscopy the current state of the art. *Botanical Microscopy 1985*. Oxford Science Publication. Pp 1-16.
- Heslop-Harrison, Y. (1970). Scanning electron microscopy of fresh leaves of *Pinguicula*. *Science*. **167** : 172 – 174.
- Heslop-Harrison, Y. (1977). The pollen stigma interaction : pollen tube penetration in *Crocus*. *Annals of botany*. **41** : 913 – 922.
- Heslop-Harrison, Y. (1981). Stigma characteristics and angiosperm taxonomy. *Nordic Journal of Botany*. **1** : 401 – 420.
- Heslop-Harrison, Y. and Shivanna, K.R. (1977). The receptive surface of angiosperm stigma. *Ann. Bot.* **41** : 1233 – 1288.
- Hesse, M. and Waha, M. (1983). The fine structure of the pollen wall in *Strelitzia reginae* (Musaceae). *Plant Systematic and Evolution*. **141** : 285 - 298.
- Heywood, V.H. (1994). *Kajian dalam taksonomi tumbuhan*. Penerjemah Abdul Latif Mohamad. Dewan Bahasa Dan Pustaka. Pp 40 - 46.
- Hickey, M. and King, C. (1981). *100 families of flowering plants*. Cambridge University Press London. Pp 464 – 468.
- Holloway, P.J. (1971). The chemical and physical characteristics of leaf surface. *Ecology of leaf surface micro-organisms*. London and New York. Pp. 39 – 53.
- Holttum, R.E. (1950). The Zingiberaceae of the Malay Peninsula. *Garden's Bulletin Singapore*. **13(1)** : 1 - 249.
- Holttum, R.E. (1974). A commentary on comparative morphology in Zingiberaceae. *Garden Bulletin Singapore*. **XXVII** : 155 - 165.
- Horaninow, P. (1862). *Prodromus monographiae Scitaminearum*. Petropoli.
- Hussin, K.H., Ibrahim, H. and Ali, D.A.H.A. (2001). Anatomical variations in leaves of *Boesenbergia* O.Kuntze and *Kaempferia* L. species (Zingiberaceae). *Journal Tropical and Subtropical Botany*. **9(1)** : 49 - 54.
- Ibrahim, H. (1992). Malaysian Zingiberaceae : ecological, morphological and economic aspects. *Bulletin of the Heliconia Society International*. **6(1/2)** : 4 - 8.
- Ibrahim, H. (1998). *The diversity of life forms – Gingers*. Dalam Soepadmo, E (pynt) *The Encyclopedia of Malaysia, Plants*. K.L. Editions Didier Millet. Pp. 62 - 63

- Ibrahim, H. and Zakaria, M. (1987). Essential oils from three Malaysian Zingiberaceae species. *Malay Journal of Science*. Faculty Science University of Malaya. **9** : 73 - 76.
- Ibrahim, H., Rahim, A. and Zubaidah (1987). Distribution of K, N, Ca, Mg, Fe and Zn in four species of the Zingiberaceae family. *Malay Journal of Science*. Faculty Science Unuversity of Malaya. **18** : 25 - 29.
- Ibrahim, H., Khatijah, H. H., Yusoff, M., Aminah, D. H. A. A and Nordiana, M. (2001). Microscopic investigations of the leaf and floral characteristics of *Boesenbergia* and *Kaempferia* species. *Proceeding of RMKT IRPA research seminar*. **Vol. 2**. University of Malaya.
- Ikuse, M. (1956). *Pollen grains of Japan*. Tokyo.
- Inamdar, J.A., Bhat, R.B. and Rao, T.U.R. (1983). Structure , ontogeny, classification and taxononic significance of trichome in Malvales. *Korean Jour. Bot.* **26(3)** : 151 - 160.
- Janzen, D.H. (1970). *Jacquinia pungens*, heliophile from the understory of tropical deciduous forest. *Biotropica*. **2**: 112-119.
- Kim, K., Whang, S.S. and Sun, B-Y. (1997). Micromorphology of the leaf epidermis of Korean umbelliferous plants. I : Preliminary study. *Phytomorphology*. **47(1)** : 87 - 95.
- Kirchoff, B.K. (1988). *Floral ontogeny and evolution in the ginger group of the Zingiberales*. In aspect of floral development. Edited by P. Leins, S. C. Tucker and P. K. Endress. J. Cramer. Berlin, Germany. Pp 45 - 56.
- Kirchoff, B.K. (1997). Inflorescence and flower development in the Hedychieae (Zingiberaceae) : *Hedychium*. *Can. Jour. Bot.* **75** : 581 - 594.
- Kirchoff, B.K. and Kunze, H. (1995). Floral deveopment of *Orchidantha maxillarioides* (Lowiaceae). *Int. Jour. Plant. Sci.* **156** : 159 - 171.
- Knox, E.M. (1938). The spores of Pteridophyta with observations on microspores in coals of carboniferous age. *Bot. Soc. Edinb. Trans. Proc.* **32** : 438 - 466.
- Konar, R.N. and Linskens, H.F. (1966). The morphology and anatomy of stigma of *Petunia hybrida*. *Planta*. **71** : 356 - 371.
- Kress, W.J.K. (1986). Exineless pollen structure and pollination systes of tropical *Heliconia* (Heliconiaceae). *Pollen and spores : form and function*. Academic Press London. Pp. 329 - 245.

- Kress, W.J.K. (1990). The phylogeny and classification of the Zingiberales. *Ann. Mo. Bot. Gard.* **77** : 698 - 721.
- Kress, W.J.K. and Stone, D.E. (1983). Morphological and phylogenetic significance of exine-less pollen of *Heliconia* (Heliconiaceae). *Systematic Botany*. **8(2)** : 149 - 167.
- Kress, W. J. K., Stone, D. E. and Sellers, S. C. (1978). Ultrastructure of exine-less pollen : *Heliconia* (Heliconiaceae). *American Journal of Botany*. **65** : 1066 - 1076.
- Kress, W.J.K., Prince, L.M. and William, K.J. (2002). The phylogeny and a new classification of the gingers (Zingiberaceae) : Evidence from molecular data. *American Journal of Botany*. **89(11)** : 1682 -1696.
- Kuprianova, L.A. (1948). Pollen morphology and phylogeny of monocotyledons. *Tr Bot Inst Akad Nauk Ser I. Flora Sistematika*. **7** : 163 - 262.
- Larsen, K. and Hu, C. M. (1991). New taxa of Myrsinaceae from Thailand. *Nord. J. Bot.* **11**: 61-78.
- Larsen, K. and Hu, C. M. (1992). Additional new taxa of *Ardisia* (Myrsinaceae) from Thailand. *Nord. J. Bot.* **12** : 311-313.
- Larsen, K. and Hu, C. M. (1995). Reduction of *Tetradisia* to *Ardisia*. *Nord. J. Bot.* **15**: 161-162.
- Larsen, K., Lock, J.M. , Maas, H. and Maas, P.J.M. (1998) *Zingiberaceae : In families and genera of the vascular plants*. Germany, Springer. Pp 482 - 487.
- Larsen, L., Ibrahim, H., Khaw, S.H. and Shaw, L.G. (1999). *Gingers of Peninsular Malaysia and Singapore*. Natural History Publications (Borneo).
- Latiff, A. (1994). *Kepelbagaian tumbuhan : status sumber alam Malaysia*. Penerbit Universiti Kebangsaan Malaysia. Pp 11 - 55.
- Liang, Y-H. (1988). Pollen morphology of the family Zingiberaceae in China-pollen types and their significance in taxonomy. *Phytotaxonomica*. **4** : 265 - 281.
- Luckow, M. and Grimes, J. (1997). A survey of anther glands in mimosoid legume tribes Parkieae and Mimoseae. *Amer. Jour. Bot.* **84(3)** : 285 - 297.
- Mangaly, J.K. and Nayar, J. (1990). Palynology of South Indian Zingiberaceae. *Bot. J. Linn. Soc.* **103** : 351 - 366.

- Mattsson, O., Knox, R.B., Heslop-Harrison, J. and Heslop-Harrison, Y. (1974). Protein pellicle of stigmatic papillae as a probable recognition site in incompatibility reaction. *Nature London*. **247** : 298 – 300.
- Mauseth, J.B. (1988). *Plant anatomy*. Benjamin/Cummings, Menlo Park, California.
- Metcalfe, C.R. and Chalk, L. (1979). *Anatomy of the Dicotyledons*. Second Edition. Volume I. Clarendon Press Oxford.
- Merh, P.S., Danaiel, M. and Sabnin, S.D. (1986). Chemistry and taxonomy of some members of the Zingiberales. *Current Science*. **55** : 835 - 839.
- Miskin, R.E. and Rasmusson, D.C. (1970). Frequency and distribution of stomata in Barley. *Crop. Sci.* **10** : 575 - 578.
- Mood, J. and Larsen, K. (1997). Cornukaempferia, a new genus Of Zingiberaceae from Thailand. *Nat. Hist. Bull. Siam. Soc.* **45** : 217 – 221.
- Moss, S.T. and Gareth Jones, E.B. (1977). Notes and brief articles. Ascospore appendages of marine ascomycetes : *Halosphaeria mediosetigera*. *Trans. Br. Mycol. Soc.* **69** (2) : 313 – 344.
- Muller, J. (1970). Pollen morphology of the genus *Lepisanthus* (Sapidaceae) in relation to its taxonomy. *Blumea*. **28**(2) : 507 – 561.
- Nagamasu, H. (1989). Pollen morphology of Japanase *Symplocos* (Symplocaceae). *Bot Mag. Tokyo*. 102 : 149 – 164.
- Nair, P.K.K. (1930). *Essentials of palynology*. Shira Offset Printers New Delhi.
- Newton, L.E. (1972). Taxonomic use of the cuticular surface features in the genus *Aloe* (Liliaceae). *Bot. Jour. Linn. Soc.* **65** : 335 – 339.
- Nordiana, M., Yusoff, M. and Ibrahim, H. (1997). Scanning electron microscope study on selected species of the tribe Hedychieae (Zingiberaceae). *Proceedings of the First Asean Microscopy*. Pp 251 - 253.
- Nordiana, M., Yusoff, M. and Ibrahim, H. (1998). Ultrastructure of leaf surfaces of *Scaphochlamys* spp. (Zingiberaceae). *Proceedings of the 7th Scientific Conference of the Electron Microscopy Society Malaysia*. Pp 118 - 121.
- Nordiana, M., Ibrahim, H. and Yusoff, M. (2000). Floral characteristics of *Boesenbergia* O. Kuntze, *Kaempferia* Linn. and *Scaphochlamys* Bak. *Proceedings of the 9th Scientific Conference Electron Microscopy Society Malaysia*. Pp 215 - 217.

- Olatunji, O.A. (1980). The structure and development of stomata in some Zingiberales. *Notes of Royal Botanical Garden Edinburgh*. **38(3)** : 499 - 516.
- Otegui, M. and Cocucci, A. (1999). Flower morphology and biology of *Myrsine laetevirens*, structural and evolutionary implication of anemophily in Myrsinaceae. *Nordic Journal of Botany*. **19(1)** : 71 - 85.
- Owen, S.J. and Stirton, C.H. (1989). Pollen, stigma and style interaction in the leguminosae. *Advances in legume biology, monograph on systematic Botany*. **29** : 115 - 121.
- Palmer, P.G. and Tucker, A. E. (1981). A scanning electron microscope survey of the epidermis of East African grasses I. *Smithsonian Contributions to Botany*. **49** : 84.
- Palmer, P.G. and Tucker, A. E. (1983). A scanning electron microscope survey of the epidermis of East African grasses II. *Smithsonian Contributions to Botany*. **53** : 72.
- Palmer, P.G. and Gerbeth-Jones, S. (1986). A scanning electron microscope survey of the epidermis of East African grasses IV. *Smithsonian Contributions to Botany*. **49** : 120.
- Palmer, P.G. and Gerbeth-Jones, S. (1988). A scanning electron microscope survey of the epidermis of East African grasses V and West African supplement. *Smithsonian Contributions to Botany*. **67** : 153.
- Palmer, P.G., Gerbeth-Jones, S. and Hutchinson, S. (1985). A scanning electron microscope survey of the epidermis of East African grasses III. *Smithsonian Contributions to Botany*. **55** : 136.
- Panchaksharappa, M.G. (1962). Taxonomic evaluation of Zingiberaceae. *Bull. Bot. Surv. India*. **4** : 129 - 135
- Pearse, A.G.E. (1972). *Histochemistry theoretical and applied*. Vol. 2. 3rd Edition. Churchill Edinburgh and London.
- Penfound, W.T. (1931). Plant anatomy as conditioned by light intensity and soil moisture. *American Journal of Botany*. **18** : 197-209.
- Radford, A.E. (1986). *Fundamentals of plant systematics*. New York: Harper and Kow Publishers, Inc.
- Rajagopal, T. and Ramayya, N. (1977). The taxonomic value of guard cells seen in surface view. *Bot. J. Linn. Soc.* **74** : 57 - 61.

- Ramussen, H. (1987). Orchid stomata – structure, differentiation, function and phylogeny. *Orchid biology review and perspectives*. Vol. IV. Ass. Comstock Pub. Ithaca. Pp 105 – 138.
- Rao, V.S. (1963). The epigynous glands of Zingiberaceae. *New Phytol.* **62** : 342 - 349.
- Raspail, M. (1824). Essai d'une classification generale des Graminees fondee sur Petude Physiologique des caracteres de cette famille. *Ann. Sci. Nat.* **5** : 287 – 311, 433 – 460.
- Ridley, H.N. (1924). *The flora of the Malay Peninsula*. Vol IIV. Monocotyledones. London L. Reeve & Co. Pp 233 - 285.
- Rollins, R.C. (1944). Evidence of natural hybridity between guayule (*Porthenium argentatum*) and mariola (*Porthenium incanum*). *Amer. J. Bot.* **31** : 91 – 99.
- Rosen, W.G. and Thomas, H.R. (1970). Secretory cells of lily pistil I : Fine structure and function. *Amer. J. Bot.* **57** : 114 – 118.
- Rudall, P.J., Furnes, C.A., Chase, C.A. and Fay, M.F. (1997). Microspora genesis and pollen sulcus type in Asparagales (Liliana). *Canada Journal of Botany.* **75** : 408 – 430.
- Saad, S.I. and Ibrahim, R.K. (1965). Palynological and biochemimical studies of Scitaminae. *Journal Palynology.* **1** : 62 – 66.
- Salma, I. (1999). The taxonomic significance og trichome morphology in genus *Durio* (Bombaceae). *Gard. Bull. Sing.* **51** : 55 – 70.
- Salisbury, E.J. (1927). On the causes and ecological significance of stomatal frequency with special reference to woodland flora. *Phil. Physiol. Roy. Soc. Lond.* **216** : 1-65.
- Safinah, W.D. (1997). Kajian ultrastruktur ke atas tribus Globbeae (Zingiberaceae). Tesis Sarjana Muda Sains Universiti Malaya.
- Sazima, M., Vogel, S., Cocucci, A. and Hausner, G. (1993). The perfume flowers of *Cyphomandra* (Solanaceae): pollination by euglossine bees, belows mechanism, osmophores and volatiles. *Plant Systematics and Evolution.* **187** : 51 – 88.
- Schumann, K. (1904). Zingiberaceae. In : A Engler (ed). *Pflanzenreich*. IV. 46. Berlin. 458p.
- Shamsudin, N.H., Ibrahim, H., Husin, H., Liao, P. J. and Wu, Q. G. (1996). Variation in the floral surface of *Alpinia zerumbet* (Pers.) Burt & Smith and *Alpinia henryi* K. Schum. (Zingiberaceae) from China. *Proceedings of the 6th Scientific Conference Microscopy Electron Society Malaysia*. Pp 127 - 129.

- Shamsudin, N. H., Ibrahim, H., Husin, H., Chua, T. S. and Liao, P. J. (1997). Variation in the floral surface of *Alpinia* Roxb species. *Proceedings of the First Asean Microscopy*. Pp 271- 273.
- Shamsudin, N.H. and Adirukni, N.S. (1998). Variation in flora surface of *Striga asiatica* (L.) Kuntze found in Malaysia. *Proceedings of the 7th Scientific Conference of the Electron Microscopy Society Malaysia*. Pp. 232 - 235 .
- Sharma, M. (1967). Pollen morphology of Indian monocotyledons. *Journal of Palynological Society of India Lucknow*. 98 p.
- Shivanna, K.R. and Johri, B.M. (1985). *The angiosperm pollen : structure and function*. Wiley Eastern, New Delhi, India.
- Shivanna, K.R. And Rangaswamy, N.S. (1992). *Pollen biology*. A Laboratory Manual Springer-Verlag Berlin.
- Siriruga, P. (1992). Taxonomy of the genus *Kaempferia* (Zingiberaceae) in Thailand. *Thai. For. Bull.* 19 : 1 – 15.
- Siriruga, P. (1992). A revision of genus *Boesenbergia* Kuntze (Zingiberaceae) in Thailand. *Nat. Hist. Bull. Siam Soc.* 40 : 67-90.
- Siriruga, P. and Larsen, K. (1995). The genus *Hedychium* (Zingiberaceae) in Thailand. *Nordic Journal of Botany*. 15 : 301 – 304.
- Skvala, J.S. and Rowley, J.R. (1970). The pollen wall of *Canna* and similarity to the germinal apertures of the pollen. *American Journal of Botany*. 57 : 519 - 529.
- Smith, R.M. (1981). Zingiberaceae, synoptic keys to the tribes Zingiberae, Globbeae, Hedychieae, Alpineae (in part). *Not. R. Bot. Gard. Edin. Dep. Publ. Ser. No 2*.
- Smith, R.M. (1987). A review of Bornean Zingiberaceae : III (Hedychieae). *Not. R. Bot. Gard. Edin.* 44(2) : 203 - 232.
- Smith, R.M. (1988). A review of Bornean Zingiberaceae : IV (Globbeae). *Notes Royal Botanic Garden of Edinburgh*. 45(1) : 1 – 9.
- Solereder, H. (1908). *Systematic anatomy of the dicotyledon*. Vol II. Clarendon Press Oxford. 539p.
- Solereder, H and Meyer, F.J. (1930). Zingiberaceae in systematice. *Anatomie der Monokotyledonen*. 6 : 27 – 56.
- Sporne, K.R. (1972). Some observations on the evolution of pollen types in dicotyledons. *New Phytol.* 71 : 181 – 185.

- Stace, C.A. (1965a). The significance of leaf epidermis in taxonomy. *Bull. Brit. Mus. (Nat. Hist.) Bot.* **4** : 1 – 78.
- Stace, C.A. (1965b). The significance of leaf epidermis in taxonomy of the Combretaceae. I : A general review of tribal, generic and specific characters. *Bot. J. Linn. Soc.* **59** : 229 – 252.
- Stace, C.A. (1969a). The significance of leaf epidermis in taxonomy of the Combretaceae. II : The genus *Combretum* subgenus *Combretum* in Afrika. *Bot. J. Linn. Soc.* **62** : 131 – 168.
- Stace, C.A. (1969b). The significance of leaf epidermis in taxonomy of the Combretaceae. III : The genus *Combretum* in Amerika. *Brittonia*. **12** : 130 – 143.
- Stace, C.A. (1973). The significance of leaf epidermis in taxonomy of the Combretaceae. IV : The genus *Combretum* in Asia. *Bot. J. Linn. Soc.* **66** : 97 – 115.
- Stace, C.A. (1980a). The significance of leaf epidermis in taxonomy of the Combretaceae. V : The genus *Combretum* subgenus *Cacoucia* in Afrika. *Bot. J. Linn. Soc.* **81** : 185 – 203.
- Stace, C.A. (1980b). The significance of leaf epidermis in taxonomy of the Combretaceae : conclusions. *Bot. J. Linn. Soc.* **81** : 327 – 339.
- Stant, M.Y. (1972). The role of scanning electron microscope in plant anatomy. *Kew Bulletin*. **28(1)** : 105 – 115.
- Stebbins, G.I. and Khush, G.S. (1961). Variation in the organization of stomatal complex in the leaf epidermis of monocotyledons and its bearing on their phylogeny. *Amer. J. Bot.* **48** : 51 – 59.
- Steenis, C.G.G.J.V. (1972). *The mountain flora of Java*. E.J. Brill., Netherland. Pp 34 – 67.
- Stevenson, D.W. and Lonconte, D.W. (1995). Cladistic analysis of monocot families. Monocotyledons : systematics and evolution. *Royal Botanic Garden, Kew*. Pp. 543 – 578.
- Stone, D.E. (1987). Developmental evidence for the convergence of *Sassifras* (Laurales) and *Heliconia* (Zingiberales) pollen. *Grana*. **26** : 179 – 191.
- Suzana, D. (1999). Kajian ke atas variasi morfologi dan ultrastruktur spesies-spesies *Alpinia*. Tesis Sarjana Muda Sains Universiti Malaya.

- Swofford, D.L. (1991). *PAUP: Phylogenetic Analysis Using Parsimony. Macintosh Version 3.0 Computer Program* distributed by developer, Smithsonian Institution, Washington, D.C.
- Theilade, I., Maersk-Møller, M.-L., Theilade, J. and Larsen, K. (1993). Pollen morphology and structure of *Zingiber* (Zingiberaceae). *Grana*. **32** : 338 – 342.
- Theilade, I. And Theilade, J. (1996). Ontogeny of pollen grains in *Zingiber* (Zingiberaceae). *Grana*. **35** : 162 – 170.
- Tilton, V.R. and Horner, H.T. (1980). Stigma, style and obstructor of *Ornithogalum caudatum* (Liliaceae) and their function in the reproductive process. *Amer. J. Bot.* **67** : 113 – 131.
- Theobald, W.L., Krahulik, J.L. and Rollins, R.C. (1979). Trichomes description and classification. *Anatomy the dicotyledons*. **Vol I**, 2nd edition. Clarendon Press Oxford. Pp 40 – 43.
- Tomlinson, P.B. (1966). *Anatomy of monocotyledon III. Commelinales – Zingiberales*. Oxford.
- Tomlinson, P.B. (1969). Studies in the systematic anatomy of the Zingiberaceae. *Journal Linnean Society Botany*. **55** : 547 - 592.
- Tomlinson, P.B. (1974). Development of the stomatal complex as a taxonomic character in the monocotyledons. *Taxon*. **23** : 109 - 128.
- Tschudy, R.H. (1969). *Aspects of palynology*. John Wiley and Sons, Inc, USA. Pp 5 -32
- Tucker, S.C. (1996). Stamen structure and development in legumes, with an emphasis on poricidal stamens of caesalpinoid tribe Cassieae. In : *The anther : form, function and phylogeny*. Cambridge University Press. Pp. 236 – 254.
- Vokou, D. (1982). *Aromatic plants : Basic and applied aspects*. Martin Nighoff Publisher London.
- Walker, J.W. and Doyle, J.A. (1975). The bases of angiosperm phylogeny : Palynology *Ann. Missouri Bot. Gard.* **62** : 644 – 723.
- Weberling, F. (1989). *Morphology of flowers and inflorescences*. Cambridge. (English translation of Weberling)
- Whitmore, T.C. (1984). *Tropical rain forest of the far east*. Clarendon Press Oxford United Kingdom.

- Wild, A. and Wolf, G. (1980). The effect of different light intensities on frequency and Size of stomata, the size of cells of chloroplast in the mesophyll and the guard cells during ontogeny of primary leaves of *Sinapsis alba*. *Z. Pflanz.* **97** : 325 - 342.
- Willmer, C.M. (1983). *Stomata*. Longman. Inc. New York. Pp. 6 - 26.
- Wilson, E.O. (1992). *The diversity of life*. Cambridge Belknap Press.
- Wodehouse, R.P. (1932). Tertiary pollen I. *Bull. Torrey. Bot. Cl.* **59** : 313 - 340.
- Wood, T.H., Whitten, W.M. and Williams, N.H. (2000). Phylogeny of *Hedychium* and related genera (Zingiberaceae) based on ITS sequence data. *Edin. Jour. Bot.* **57(2)** : 261 - 270.
- Woodward, F.I. (1987). Stomatal numbers are sensitive to increases in carbon dioxide from preindustrial levels. *Nature.* **327** : 617 - 618.
- Woodward, F.J. and Bazzaz, F. (1988). The responses of stomatal density to carbon dioxide partial pressure. *J. Exp. Bot.* **39** : 1771 - 1781.
- Yong, W.Y. (1970). *Comparative leaf anatomy of some common Malayan plants*. Tesis Sarjana Muda Sains Universiti Malaya.
- Yusoff, M., Ibrahim, H. and Booth, T. (1966). Leaf surface micromorphology of six *Hedychium* spp. (Zingiberaceae). *Proceeding of the 6th Scientific Conference Microscopy Society Malaysia*. Pp 130 -133.
- Zavada, M. (1983). Pollen morphology of Ulmaceae. *Grana.* **22** : 23.