

REFERENCES

- Adedeji, O., Ajuwon, O.Y. & Babawale, O. O., 2007. Foliar Epidermal Studies, Organographic Distribution and Taxonomic Importance of Trichomes in the Family Solanaceae. *International Journal of Botany*, 3(3), pp. 276-282.
- Ahmad, K. S., Hameed, M., Ahmad, F. & Sadia, B., 2016. Edaphic Factors As Major Determinants of Plant Distribution of Temperate Himalayan Grasses. *Pakistan Journal of Botany*, 48, pp. 567-573.
- Alponsin, Maideliza, T. & Noli, Z. A., 2017. Studi Anatomi Daun Cantigi (*Vaccinium korinchense* Ridl.) pada Altitud Berbeda pada Gunung Talang. *Jurnal Metamorfosa*, 4(1), pp. 114-121.
- Alvarado, G., García, M., Jauregui , D., Alvarado, Hipolito. & Zambrano, F., 2020. Leaf Anatomy of Six Arboreal Eudicotyledons Species Growing Along an Altitudinal Gradient on The High Basin of The Tocuyo. *Biologia*, 75, pp. 523–533.
- Anfodillo, T., Bisceglie, D. P. D. & Urso, T., 2002. Minimum Cuticular Conductance and Cuticle Features of *Picea abies* and *Pinus cembra* Needles Along an Altitudinal Gradient in The Dolomites (NE Italian Alps). *Tree Physiology*, 22, pp. 479-487.
- Babosha, A.V., Kumachova, T. K., Ryabchenko, A. S. & Komarova, G. I., 2020. Stomata Polymorphism in Leaves of Apple Trees (*Malus domestica* Borkh.) Growing Under Mountain and Plain Conditions. *Biology Bulletin*, 47(4), pp. 352-363.
- Badan Pusat Statistik, 2020. Produksi dan Produktivitas Cabai Rawit. Jakarta. Taken from www.bps.go.id. Accessed on July 2020.
- Chatterjee, R., Chattopadhyay , P. K., Chongtham, T. & Hnamte, V., 2012. Quality Bird's Eye Chilli Production: A Retrospective. *International Journal Bio-resources and Stress Management*, 3(3), pp. 412-414.
- Cole, M. T., Banful, B. K. & Tandoh, P. K., 2019. Flower Abortion and Fruit Yield Responses of Two Varieties of Chili Pepper (*Capsicum frutescens* L.) to Different Planting Dates and Plant Densities. *Archives of Current Research International*, 16(1), pp. 1-11.
- Cutler, D. B. S., 2007. *Plant Anatomy An Applied Approach*. USA: Blackwell Publishing.
- DeLucia, E. H. & Berlyn, G. P., 1983. The Effect of Increasing Elevation on Leaf Cuticle Thickness and Cuticular Transpiration in Balsam fir. *Canadian Journal of Botany*, 62, pp. 2423-2431.
- Dewi, V. P., Hindun, I. & Wahyuni, S., 2015. Studi Trikoma Daun pada Famili Solanaceae Sebagai Sumber Belajar Biologi. *Jurnal Pendidikan Biologi Indonesia*, 1(2), pp. 209-218.

- Habibi, M., Manggaran, A. M., Sulasmi, E. S. & Listyorini, D., 2013. AT3 (Acytransferase) Gene Isolated from *Capsicum frutescens* cv. Cakra Hijau. *The Journal of Tropical Life Science*, 2(88-86), pp. 3.
- Harpenas, A. & Dermawan, R., 2009. *Budidaya Cabai Unggul*. Bogor: Penebar Swadaya.
- Haryanti, S., 2010. Pengaruh Naungan yang Berbeda Terhadap Jumlah Stomata dan Ukuran Porus Stomata Daun *Zephyranthes Rosea* Lindl. *Buletin Anatomi dan Fisiologi*, 18(1), pp. 41-48.
- Haryanto, S., 2009. *Ensiklopedi Tanaman Obat Indonesia*. Yogyakarta: Palmal.
- Hegde, S. V., Hegde, G. R., Mulgund, G. S. & Upadhyay, V., 2014. Pharmacognostic Evaluation of Leaf and Fruit of *Capsicum frutescens* (Solanaceae). *Pharmacognostic Journal*, 6(3), pp. 14-22.
- Istiawan, N. D. & Dody, K., 2019. Pengaruh Ketinggian Tempat Tumbuh Terhadap Hasil dan Kualitas Minyak Cengkih (*Syzygium aromaticum* (L.) & Merr. & Perry.) di Kecamatan Samigaluh, Kulon Progo. *Vegetalika*, 8(1), pp. 27-41.
- JianJing, M. J., Cheng Jun., H., Mei, Z., TingFang., Y., XueDong, H. D., Dong., Z., Hui & JinSheng, H., 2012. Comparative Analysis of Leaf Anatomy of Dicotyledonous Species in Tibetan and Inner Mongolian Grasslands. *Life Sciences*, 55(1), pp. 68-79.
- Jimenez-Noriega, P. M. S., Terrazas, T., Lopez-Mata, L., Sanchez-Gonzalez, A., & Vibrans, H., 2017. Anatomical Variation of Five Plant Species Along An Elevation Gradient in Mexico City Basin Within The Trans-Mexican Volcanic Belt, Mexico. *Journal of Mountain Science*, 14(11), pp. 2182-2199.
- Kumar, V., Kodandaramaiah, J. & Rajan, M.V., 2012. Leaf and Anatomical Traits in Relation to Physiological Characteristics in Mulberry (*Morus* sp.) Cultivars. *Turkish Journal of Botany*. 36, pp. 683–689.
- Kusumah, D. A., 2010. Analisis Stabilitas Hasil Cabai Hibrida (*Capsicum annuum* L.). *THESIS*. Sekolah Pascasarjana. Bogor: Institut Pertanian Bogor.
- Li, F. L. & Bao, W. K., 2014. Elevation Trends in Lead Size of *Campylotropis polyantha* in The Arid Minjiang River Valley, SW China. *Journal of Arid Environments*, 108, pp. 1-9.
- Liu, X., Chen, H., Sun, T., Li, D., Wang, X., Mo, W., Wang, R. & Zhang, S., 2021. Variation in Woody Leaf Anatomical Traits Along The Altitudinal Gradient in Taibai Mountain, China. *Global Ecology and Conservation*, 26, pp. 1-12.
- Liu, Z., Zheng, L. & Qi, D., 2019. Variation in Leaf Traits at Different Altitudes Reflects The Adaptive Strategy of Plants to Environmental Changes. *Wiley: Ecology and Evolution*, 10, pp. 8166–8175.
- Olatunji, T. L. & Afolayan, A. J., 2020. Comparative Foliar Epidermal Studies in *Capsicum annuum* L. and *Capsicum frutescens* L. *Journal of Tropical Agriculture*, 58 (1), pp. 60-67.

- Pato, J. & Obeso, J. R., 2012. Growth and Reproductive Performance in Bilberry (*Vaccinium myrtillus*) Along An Elevation Gradient. *Ecoscience*, 19(1), pp. 59-68.
- Pinheiro, L. F. S., Kolb, R. M. & Rossatto, D. R., 2018. Leaf Anatomical Traits of Non-arboreal Savanna Species Along a Gradient of Tree Encroachment. *Acta Botanica Brasilica*, 32(1), pp. 28-36.
- Rindyastuti, R. & Hapsari , L., 2017. Adaptasi Ekofisiologi Terhadap Iklim Tropis Kering: Studi Anatomi Daun Sepuluh Jenis Tumbuhan Berkayu. *Jurnal Biologi Indonesia*, 13(1), pp. 1-14.
- Rivera, M. L. C., Hassimoto, N. M. A., Bueris, V., Sircili, M. P., Almeida, F. A. & Pinto, U. M., 2019. Effect of *Capsicum frutescens* Extract, Capsaicin, and Luteolin on Quorum Sensing Regulated Phenotypes. *Journal of Food Science*, 84(6), pp. 1477-1486.
- Rukmana, R., 2002. *Usaha Tani Cabai Rawit*. Yogyakarta: Kanisius.
- Samiyarsih, S., Naipospos, N. & Palupi, D., 2019. Variability of *Catharanthus roseus* Based on Morphological and Anatomical Characters, and Chlorophyll Contents. *Biodiversitas*, 20(10), pp. 2986-2993.
- Samiyarsih, S., Juwarno, Muljowati, J. S., 2018. The Structural Resistance's Anatomy of Sweet Potato Leaves to Fungal Pathogen *Sphaceloma batatas*. *Biosaintifika*, 10(1), pp.131-137.
- Sandi, A., Sangadji, M. N. & Samudin, S., 2019. Morfologi dan Anatomi Tanaman Kelor (*Moringa oleifera* L.) pada Berbagai Ketinggian Tempat Tumbuh. *e-Journal Agrotekbis*, 7(1), pp. 28-36.
- Sass, 1951. *Botanical Microtechnique*. Iowa: The Iowa State College Press.
- Setamam, N., 2019. Effects of Different Concentration of Both Naphthaleneacetic Acid and 6-Benzylaminopurine in Callus Induction of *Capsicum Frutescens*. *GADING Journal for Science and Technology*, 2(1), pp. 23-30.
- Sierra-Almeida, A., Bahamonde, C. R., Cavieres, L. A., 2016. Drought Increases The Freezing Resistance of High-Elevation Plants of The Central Chilean Andes. *Springer*, pp. 1-13.
- Sulistyaningsih, Y. C., Dorli & Akmal, H., 1994. Studi Anatomi Daun *Saccharum* spp. Sebagai Induk pada Pemuliaan Tebu. *Jurnal Hayati*, 1(2), pp. 32-35.
- Suranto, Syahidah, A. T. & Mahadjoeno, E., 2018. Variation of Morphology, Anatomy and Nutrition Contents of Local Cultivar Mentik Rice Based on The Altitudes at Ngawi District, East Java, Indonesia. *Biodiversitas*, 19(2), pp. 652-659.
- Syahida, I. A., 2018. Karakteristik Anatomi Nangka (*Artocarpus heterophyllus* Lamk.) Berdasarkan Perbedaan Ketinggian Tempat. *THESIS*. Purwokerto: Universitas Jenderal Soedirman.

- Vaishnavi, B. A., Boomika, H. R. & Shruti, A. M., 2016. Evaluation of Bird's Eye Chilli Accessions (*Capsicum frutescens* L.) for Growth and Yield Traits. *Environment & Ecology*, 35(3), p. 1775-1781.
- Volenikova, M. & Ticha, I., 2001. Insertion Profiles in Stomatal Density and Sizes in *Nicotiana tabacum* L. Plantlets. *Biologia Plantarum*, 44, pp. 161–165.
- Widiya, M., Jayati, R. D. & Fitriani, H., 2019. Karakteristik Morfologi dan Anatomi Jahe (*Zingiber officinale*) Berdasarkan Perbedaan Ketinggian Tempat. *Bioedusains: Jurnal Pendidikan Biologi dan Sains*, 2(2), pp. 60-69.
- Zairina, S., Khasna, E. N., Juliandari, R. R., Sulasmri, E. S. & Listyorini, D., 2015. *Synthesis of cDNA Pun1 gene from Capsicum frutescens L. cv. Cakra Hijau*. Semarang: KnE Life.

