

Contents

| | Page |
|---|-------------|
| Aye Chan Myat, Khin Ohn Myint , Morphological, Microscopical and Phytochemical Studies on Leaves of <i>Solanum lasiocarpum</i> Dunal | 1 |
| Eaindra Chan Myae , Isolation and Characterization of Fungi from Mangrove Soils | 9 |
| Ei Myat Thu, Nwet Nwet Aung , Isolation and Antimicrobial Activities of Endophytic Bacteria from the Leaves of <i>Madhuca longifolia</i> L. (Myitzu-thaka-nat-pan) | 18 |
| Ei Pyae Myo Win, Yee Yee Myint , Growth Effects of Endophytic Fungi Isolated from Flower of <i>Catharanthus roseus</i> (L.) G. Don on Different Media | 28 |
| Ei Thandar Soe , Pollen Morphology and Fertility of Some Species in Taung Wyne area, Mawlamyine Township | 38 |
| Han Wai Zin, Yee Yee Thu , Antimicrobial Activity of isolated Soil Fungi | 48 |
| Hein Htet, Khin Mar Win , Study on some Cyanobacteria species in Municipal Water Supply Tanks in Pyay area, Pyay Township, Bago Region. | 59 |
| Hlaing Tha Zin, Yee Yee Thu , Antimicrobial Activity of Endophytic Fungi Isolated from <i>Psidium guineensis</i> Sw. | 68 |
| Hpue Mon Thant, Yee Yee Nwe and Ko Tin , Isolation and Identification of Natural Yeasts from Three Selected Juices | 77 |
| Htay Htay Win, Yee Hmawe Hmawe Aung , Morphological and Anatomical Characters of Hairs (Trichomes) found in Leaves of <i>Elsholtzia blanda</i> Benth. | 87 |
| Khin Min Min Phyo, Thin Zar Myint , Isolation and Identification of Endophytic Fungus, <i>Fusarium</i> and its Antibacterial Activity on <i>Bacillus pumilus</i> | 96 |
| Kyi Toe, Khin Min Min Phyo , Isolation and Identification of Endophytic Fungus, <i>Curvularia</i> and its Antibacterial Activity on <i>Staphylococcus aureus</i> | 104 |
| Lwin Lwin Mar, Thiri Nyo , Forest Stand Dynamics of Compartment 82 and 84 in Kabaung Reserved Forest, Oaktwin Township, Bago Region | 112 |
| May Barani Shu Shu Tan, Nu Yin Aye, Bay Dar , Comparison of lipase enzyme activities extracted from lipolytic fungi | 122 |
| May Zon Thunn, Lwin Lwin Mar, Aye Myat Thuzar , Species Diversity and Forest Stand Structure of Neik-bein-na Protected Area in Pyay Township, Bago Region | 134 |
| Moe Moe Lwin, Thaw Maw Moe, Aye Thida Hlaing, Khaing Zin Tun, Aung Zin Oo, Nang Yee Mon Aung , Study of Growth Rate on <i>Allium cepa</i> L. By Using Animal Manures | 144 |
| Moe Moe Myint Aung, Yee Yee Thu , Extraction, Isolation and Identification of Active Constituents from <i>Curcuma aromatica</i> Salisb (Taw-Sanwin) | 155 |
| Mya Htet Htet Aung, Taik Paing , Screening of Antibacterial Activity Possessing Soil Fungi against <i>Agrobacterium tumefaciens</i> | 166 |

| | |
|--|-----|
| Myat Eindaray Aung, Tin Moe Aye, Yin Yin Khaing Effects of Different Hormones (NAA and BAP) Combination of <i>Anthurium andraeanum</i> Linden Ex Andre | 174 |
| Myat Myat Phyo, Zar Zar Yin and Ko Tin, Fermentation Optimization of <i>Aspergillus foetidus</i> against <i>Escherichia coli</i> | 185 |
| Myat Sandar Tun, Aye Aye Naing, Study on Morphological, Anatomical Characters and Preliminary Phytochemical Investigation from Leaves <i>Pistia stratiotes</i> L. (Water Lettuce) | 195 |
| Myint Myat Thu, Tin Moe Aye, Yin Yin Khaing, Effects of BAP, Kinetin, Coconut Water and Activated Charcoal on Growth and Development of <i>Rhynchosyilis gigantea</i> (Lindl.) Ridl. through Protocorms Culture | 205 |
| Na Di Shwe Yee Oo, Tin Moe Aye, Yin Yin Khaing, Yee Yee Nwe, Effect of Various Vitamins on Growth and Development of <i>Dendrobium chryseum</i> Rolfe in Vitro Propagation | 214 |
| Nang Wut Hmon Phoo, Karyotype Analysis of <i>Lilium longiflorum</i> Thumb. cv. Easter Lili Cultivated in Pyin Oo Lwin | 224 |
| Nilar Cho, Nilar Aung, Study on some Wild Mushrooms of Orders Boletales and Polyporales in Mon-bin village, Thazi Township | 235 |
| Nilar Win, Yin Yin Khaing, Morphological and Histological Characters of Leaves of <i>Luffa aegyptiaca</i> Mill. | 244 |
| Nwe Ni Tin, Khin Lay Phyu, Pollen Morphology of some Species in Pang Long University Campus | 254 |
| Ohnmar Ye Win, Pyae Sandi Win, Thaw Tar May Mon, Zin Thandar Khin, Hnin Hnin Ei, Phytochemical Investigation and Antimicrobial Activities of Leaf of <i>Centella asiatica</i> (L.) Urban | 265 |
| Pyae Sandi Win, Sann Sann Oo, Ohnmar Ye Win, Study on Morphology and Flower Anatomy of <i>Plumeria alba</i> L. | 277 |
| Rose May Yi, Thant Sin Nwe, Phue Pwint Khaing, Anatomical Study on Leaves of Three Selected Varieties of <i>Zea mays</i> L. in Field Trial under Induced Water Stress | 287 |
| San Win, Nilar, In Vitro Regeneration from Protocorms in <i>Dendrobium nobile</i> Lindl. | 297 |
| Seine Nyoe Nyoe Ko, Phyu Phyu Oo, Theint Theint Soe, Nutritive Value, Antioxidant and Antimicrobial Activities of Useful Wild Medicinal Plant: <i>Callicarpa tomentosa</i> (L.) L. | 307 |
| Shwe Sin Aye, Hnin Lai Lai Maung, Yee Yee Thu, Wine Making of Dragon Fruit and Orange Fruit by Fermentation with their Isolated Yeasts | 316 |
| Shwe Tin, Yin Yin Khaing, Morphological and Microscopical Characters from Leaves of <i>Thunbergia laurifolia</i> Lindl. | 326 |

| | |
|--|-----|
| Swan Yi Htet, Yee Yee Thu, Antimicrobial Activity of Endophytic Fungi Isolated from <i>Zingiber officinale</i> Rosc. | 335 |
| Thae Hnin Wai, Yu Yu Tin, Yee Yee Win, A Study on Some Medicinal Plants Found in Kyat-sa- kan. Village, Thazi Township | 346 |
| Thant Sin Nwe, Nwe Oo, Bo Bo Zaw, Postharvest Study on Effect of Modified Atmosphere Storage of <i>Capsicum annuum</i> L. (sweet pepper) | 358 |
| Thiri Nyo, Myat Myat Moe, Thant Sin Nwe, Assessment of Plants Distribution and Biodiversity Status of Wi Lar Tha Taung, Bamaw Township, Kachin State | 368 |
| Thuzar Win, Seasar Wai, Morphological, Histological and Phytochemical Studies of <i>Sesbania grandiflora</i> (L.) Poir. Leaves (Pauk pan ni) | 378 |
| Tin May Htwe, Study on the Fermentation Conditions of Selected Soil Fungus against <i>Escherichia coli</i> and <i>Candida albicans</i> | 388 |
| Tin Moe Phyu, Evaluation on Sensory Characteristics and Qualitative Analysis of Ten Cultivars of Mango | 401 |
| Tin Tin Hla, Myat Myat Moe, Analysis of Chemical Constituents from <i>Sesbania grandiflora</i> (L.) Poir. Leaves by LC-MS/MS | 411 |
| Win Theingi Aung, Myat Myat Moe, In vitro Seed Germination, Callus Induction and Plantlets Growth of <i>Bulbophyllum aurlcomum</i> Lindl. from Artificial Pollination | 421 |
| Yee Yee Nwe, Ni Ni Win, Isolation of Fungi from Degraded Peanut and their Enzyme Activity | 431 |
| Yee Yee Thu, Naresh Kumar, David St. C. Black, A Crystal Compound "CYCLO-D-PROLYL-D-LEUCYL" from Endophytic <i>Bacillus</i> Sp. | 441 |
| Yin Mon Aye, Ni Ni Aye, Taxonomic Study on Twenty Species in East Dagon Myothit Township, Yangon Region. | 451 |
| Yin Yin Khaing, Morphology, Microscopical Characters and Elemental Analysis of <i>Limnocharis flava</i> (L.) Buchenau | 463 |
| Yin Yin Sint, In vitro Seed Germination and Seedling Development of the orchid <i>Dendrobium moschatum</i> (Buch. Ham) Sw. (Wah-so-pan) | 473 |
| Ei Shwe Sin, Larvicidal Effect of <i>Carica papaya</i> (L.) Leaf Extract Against <i>Aedes aegypti</i> (Linnaeus, 1762) Larvae Under Laboratory Condition | 481 |
| Nang Aye Aye Shein, Tin Tin Lynn, Zin Mar Ko, Seasonal variation on food and feeding | 491 |

| | |
|---|-----|
| Habit of <i>Macaca multta</i> (Zimmermann, 1980) at Yedaguntaung (Hill), Mandalay Region | |
| Tin Tin Lynn, Nyein Chan San , Assessment of Fishery Resources from Ayeyarwady River, Magway Segment, Magway Region, Myanmar | 501 |