

## SUBJECT INDEX 2021

### **δ Scuti**

Determination of oscillation frequencies and stellar properties of three Delta Scuti variable stars using Kepler data (Adassuriya J, Jayaratne KPSC & Cooray PTLV & Attygalle MLC) **48**: 367-378 (2020)

### **Acceleration mean square value**

Comfort evaluation of bridge based on stochastic process theory (Tan Y, Qin S, Zhang Z, Wang H & Wang Q) **48**: 239-249 (2020)

### **Accuracy assessment**

Google Earth imagery coupled with on-screen digitisation for urban land-use mapping: case study of Hambantota, Sri Lanka (Madarasinghe SK, Yapa KKAS & Jayatissa LP) **48**: 357-366 (2020)

### ***Ae. cogilli***

First record of the presence of *Aedes* (*Phagomyia*) *cogilli* (Edwards, 1922) in Sri Lanka (Jayadas TTP, Thiruchenthoooran V, Tharsan A, Sivabalakrishnan K, Santhirasekaram S & Surendran SN) **48**: 327-331 (2020)

### ***Aedes aegypti***

The scope of Rp EPIC markers in population genetic studies: a preliminary study with dengue vectors (Nirmani MD, Perera NS & Galhena GH) **48**: 275-288 (2020)

### ***Aedes albopictus***

The scope of Rp EPIC markers in population genetic studies: a preliminary study with dengue vectors (Nirmani MD, Perera NS & Galhena GH) **48**: 275-288 (2020)

### **Age hardening**

Effect of precipitate size distribution on hardness of aluminium 6063 alloy (Dilrukshi LWUR & De Silva GIP) **48**: 305-313 (2020)

### **Agronomic effectiveness**

Use of single superphosphate fertiliser produced using Eppawala rock phosphate as a source of phosphorous for rice cultivation (Udawatte CP, Panagoda PVA, Wickramasinghe WMADB, Wijewardena JDH, Sirisena DN, Emitiyagoda S & Bandara HRUD) **48**: 131-142 (2020)

### **Air voids**

Effect of air voids on permeability and durability of hot mix asphalt (Ahmad N, Haroon W & Abid MM) **48**: 463-474 (2020)

### **Al 6063 alloy**

Effect of precipitate size distribution on hardness of aluminium 6063 alloy (Dilrukshi LWUR & De Silva GIP) **48**: 305-313 (2020)

### **Altitude**

Relative production efficiency of maize-legume intercroppings at different altitudes (Arshad M, Nawa R, Ahmad S, Razaq A, Ranamukhaarachchi S & Rahman Sur) **48**: 409-420 (2020)

### **Altitudinal preferences**

Species diversity and altitudinal preferences of lichens on selected substrata in Ritigala Strict Natural Reserve (Gunawardene KW & Wijeyaratne SC) **48**: 49-56 (2020)

### **Anacardiaceae**

Molecular phylogeny and chromosomal evolution of endemic species of Sri Lankan Anacardiaceae (Ariyaratne M, Yakandawala D, Barfuss M, Heckenhauer J & Samue R) **48**: 289-303 (2020)

### **Antifungal**

*In vitro* antifungal efficacy of selected essential oils in controlling fungi associated with the stem-end rot disease of mango (cv. Karutha Colomban) fruits and characterisation of antifungal components (Kodituwakku TD, Ekanayake GCM, Abeywickrama KP & Jayakody R) **48**: 101-111 (2020)

### **Anti-leptospiral antibodies**

A novel approach for qualitative biosensing of anti-leptospiral IgG antibodies in human sera using functionalised silver nanoparticles (Madushani V, Dahanayake H, Gamage CD, Sirimuthu NMS & Jayasundera ACA) **48**: 437-447 (2020)

### ***Aspergillus aculeatus***

Decolourisation and detoxification of CI Direct Blue 201 textile dye by two fungal strains of genus *Aspergillus* (Ekanayake EMMS & Manage PM) **48**: 69-80 (2020)

### ***Aspergillus nomius***

Decolourisation and detoxification of CI Direct Blue 201 textile dye by two fungal strains of genus *Aspergillus* (Ekanayake EMMS & Manage PM) **48**: 69-80 (2020)

### **Bay of Bengal**

A mini-warm pool during spring in the Bay of Bengal (Pathirana G & Priyadarshani K) **48**: 345-355 (2020)

**Begomovirus**

Transmission and host range of *Horsegram yellow mosaic virus* (HgYMV) causing common bean (*Phaseolus vulgaris* L.) yellowing disease in Sri Lanka (Rienzie R, De Costa MD & Wickramaarachchi WART) **48**: 81-92 (2020)

**Bemisia tabaci** Genn

Transmission and host range of *Horsegram yellow mosaic virus* (HgYMV) causing common bean (*Phaseolus vulgaris* L.) yellowing disease in Sri Lanka (Rienzie R, De Costa MD & Wickramaarachchi WART) **48**: 81-92 (2020)

**Bias**

A new improved difference-cum-exponential ratio type estimator in systematic sampling using two auxiliary variables (Shabbir J, Masood S & Gupta S) **48**: 27-36 (2020)

**Biodiversity**

New additions to leafy liverwort flora (Marchatiophyta, Jungermanniopsida) of Sri Lanka (Bandaranayake BMSK, Ruklani NCS & Rubasinghe SCK) **48**: 187-198 (2020)

**Biomarker**

Use of liver histological alterations and erythrocytic nuclear abnormalities of two native fish species in Kelani River, Sri Lanka as biomarkers for pollution impact assessments (Ruvinda KMS & Pathiratne A) **48**: 15-26 (2020)

**Bioremediation**

Decolourisation and detoxification of CI Direct Blue 201 textile dye by two fungal strains of genus *Aspergillus* (Ekanayake EMMS & Manage PM) **48**: 69-80 (2020)

**Bivariate distributions**

Bivariate Gompertz generator of distributions: statistical properties and estimation with application to model football data (Eliwa MS, Alhussain ZA, Ahmed EA, Salah MM, Ahmed HH & El-Morshedy M) **48**: 149-162 (2020)

**Bryophytes**

New additions to leafy liverwort flora (Marchatiophyta, Jungermanniopsida) of Sri Lanka (Bandaranayake BMSK, Ruklani NCS & Rubasinghe SCK) **48**: 187-198 (2020)

**Camptosperma zeylanica**

Molecular phylogeny and chromosomal evolution of endemic species of Sri Lankan Anacardiaceae (Ariyaratne M., Yakandawala D., Barfuss M., Heckenbauer J, & Samue R.) **48**: 289-303 (2020)

**Characterisation**

Topp-Leone moment exponential distribution: properties and applications (Abbas S, Jahngeer A, Shahbaz SH, Afify AZ & Shahbaz MQ) **48**: 265-274 (2020)

**Chen distribution**

The odd Chen generator of distributions: properties and estimation methods with applications in medicine and engineering (El-Morshedy M, Eliwa MS & Afify AZ) **48**: 113-130 (2020)

**Chromosome counts**

Molecular phylogeny and chromosomal evolution of endemic species of Sri Lankan Anacardiaceae (Ariyaratne M, Yakandawala D, Barfuss M, Heckenbauer J, & Samue R) **48**: 289-303 (2020)

**Chronic kidney disease**

Cadmium and arsenic levels in edible fishes, *Oreochromis niloticus* (Nile Tilapia) and *Ompok bimaculatus* (Butter catfish) from Padaviya Reservoir, Sri Lanka and human health risk assessment associated with their dietary exposure (Weerasekara KAWS, Pathiratne A & Kithsiri HMP) **48**: 335-344 (2020)

**CI Direct Blue 201 textile dye**

Decolourisation and detoxification of CI Direct Blue 201 textile dye by two fungal strains of genus *Aspergillus* (Ekanayake EMMS & Manage PM) **48**: 69-80 (2020)

**Coefficient of permeability**

Effect of air voids on permeability and durability of hot mix asphalt (Ahmad N, Haroon W & Abid MM) **48**: 463-474 (2020)

**COI**

First record of the presence of *Aedes* (*Phagomyia*) *cogilli* (Edwards, 1922) in Sri Lanka (Jayadas TTP, Thiruchenthooran V, Tharsan A, Sivabalakrishnan K, Santhirasekaram S & Surendran SN) **48**: 327-331 (2020)

**Comfort**

Comfort evaluation of bridge based on stochastic process theory (Tan Y, Qin S, Zhang Z, Wang H & Wang Q) **48**: 239-249 (2020)

**Common bean Yellowing disease**

Transmission and host range of *Horsegram yellow mosaic virus* (HgYMV) causing common bean (*Phaseolus vulgaris* L.) yellowing disease in Sri Lanka (Rienzie R, De Costa MD & Wickramaarachchi WART) **48**: 81-92 (2020)

**Cryo injuries**

Recovery, histological observations and genetic integrity in coconut (*Cocos nucifera* L.) embryogenic calli cryopreserved using encapsulation-dehydration procedure (Welewanni I, Perera C, Jayasekera A & Bandupriya D) **48**: 175-186 (2020)

***Daldinia eschscholzii***

A secondary metabolite with in vitro radical scavenging activity from endolichenic fungus *Daldinia eschscholzii* found in lichen, *Parmotrema* sp. in Sri Lanka (Manthirathna MATP, Kandiah R, Gunasekera DS, Samanthi KAU, Welideniya DT, Maduranga HAK & Paranagama PA) **48**: 143-148 (2020)

***Dawkinsia singhala***

Use of liver histological alterations and erythrocytic nuclear abnormalities of two native fish species in Kelani River, Sri Lanka as biomarkers for pollution impact assessments (Ruvinda KMS & Pathiratne A) **48**: 15-26 (2020)

**Decolourisation**

Decolourisation and detoxification of CI Direct Blue 201 textile dye by two fungal strains of genus *Aspergillus* (Ekanayake EMMS & Manage PM) **48**: 69-80 (2020)

**Diversity**

First record of the presence of *Aedes* (Phagomyia) *cogilli* (Edwards, 1922) in Sri Lanka (Jayadas TTP, Thiruchenthooran V, Tharsan A, Sivabalakrishnan K, Santhirasekaram S & Surendran SN) **48**: 327-331 (2020)

**Durability**

Effect of air voids on permeability and durability of hot mix asphalt (Ahmad N, Haroon W & Abid MM) **48**: 463-474 (2020)

**Dynamic reconfiguration**

Implementation of data cache block (DCB) in shared processor using field-programmable gate array (FPGA) (Karthick R & Meenalochini P) **48**: 475-479 (2020)

**Efficiency**

A new improved difference-cum-exponential ratio type estimator in systematic sampling using two auxiliary variables (Shabbir J, Masood S & Gupta S) **48**: 27-36 (2020)

**Endolichenic fungus**

A secondary metabolite with in vitro radical scavenging activity from endolichenic fungus *Daldinia eschscholzii* found in lichen, *Parmotrema* sp. in Sri Lanka (Manthirathna MATP, Kandiah R, Gunasekera DS, Samanthi KAU, Welideniya DT, Maduranga HAK & Paranagama PA) **48**: 143-148 (2020)

**Essential amino acids**

Total and free amino acid contents of popular rice varieties (*Oryza sativa* L.) consumed in the capital city of Sri Lanka (Liyanarachchi GVV, Mahanama KRR, Somasiri HPPS, Punyasiri PAN & Kottawa-Arachchi JD) **48**: 199-211 (2020)

**Essential oils**

*In vitro* antifungal efficacy of selected essential oils in controlling fungi associated with the stem-end rot disease of mango (cv. Karutha Colomban) fruits and characterisation of antifungal components (Kodituwakku TD, Ekanayake GCM, Abeywickrama KP & Jayakody R) **48**: 101-111 (2020)

**ESSP**

Use of single superphosphate fertiliser produced using Eppawala rock phosphate as a source of phosphorous for rice cultivation (Udawatte CP, Panagoda PVA, Wickramasinghe WMADB, Wijewardena JDH, Sirisena DN, Emitiyagoda S & Bandara HRUD) **48**: 131-142 (2020)

**Estimation**

Topp-Leone moment exponential distribution: properties and applications (Abbas S, Jahngeer A, Shahbaz SH, Afify AZ & Shahbaz MQ) **48**: 265-274 (2020)

**Estimation methods**

The odd Chen generator of distributions: properties and estimation methods with applications in medicine and engineering (El-Morshedy M, Eliwa MS & Afify AZ) **48**: 113-130 (2020)

***Etroplus Suratensis***

Use of liver histological alterations and erythrocytic nuclear abnormalities of two native fish species in Kelani River, Sri Lanka as biomarkers for pollution impact assessments (Ruvinda KMS & Pathiratne A) **48**: 15-26 (2020)

**Exact solution**

Mathematical model of eyring fluid in a scraped surface heat exchanger (Imran A, Siddiqui AM, Numan M, Rana MA & Waheed A) **48**: 3-14 (2020)

**Eyring fluid**

Mathematical model of eyring fluid in a scraped surface heat exchanger (Imran A, Siddiqui AM, Numan M, Rana MA & Waheed A) **48**: 3-14 (2020)

**Finite element method**

MHD natural convection nanofluid flows in a wavy trapezoidal porous enclosure With differentially heated side walls (Reddy ES & Panda S) **48**: 57-68 (2020)

**First record**

Cicindelinae of Sri Lanka: New record of the arboreal tiger beetle *Tricondyla gounellei* Horn, 1900 (Abeywardhana DL, Dangalle CD and Mallawarachchi YW) **48**: 213-216 (2020)

**Full memory method**

An efficient numerical method for fractional ordinary differential equations - based on exponentially decreasing random memory on uniform meshes (Somathilake LW) **48**: 163-174 (2020)

**Fractional derivatives**

An efficient numerical method for fractional ordinary differential equations - based on exponentially decreasing random memory on uniform meshes (Somathilake LW) **48**: 163-174 (2020)

**Fractional differential equation**

An efficient numerical method for fractional ordinary differential equations - based on exponentially decreasing random memory on uniform meshes (Somathilake LW) **48**: 163-174 (2020)

**Functionalisation**

A novel approach for qualitative biosensing of anti-leptospirosis IgG antibodies in human sera using functionalised silver nanoparticles (Madushani V, Dahanayake H, Gamage CD, Sirimuthu NMS & Jayasundera ACA) **48**: 437-447 (2020)

**Future demand analysis**

Optimising usage of Salinized Lands in the lower part of the river basin for the coastal community in Bentota, Sri Lanka (Ranasinghe TKGP & Piyadasa RUK) **48**: 379-396 (2020)

**GABA**

Total and free amino acid contents of popular rice varieties (*Oryza sativa* L.) consumed in the capital city of Sri Lanka (Liyanaarachchi GVV, Mahanama KRR, Somasiri HPPS, Punyasiri PAN & Kottawa-Arachchi JD) **48**: 199-211 (2020)

**GC-MS**

*In vitro* antifungal efficacy of selected essential oils in controlling fungi associated with the stem-end rot disease of mango (cv. Karutha Colomban) fruits and characterisation of antifungal components (Kodituwakku TD, Ekanayake GCM, Abeywickrama KP & Jayakody R) **48**: 101-111 (2020)

**Genetic differentiation**

The scope of Rp EPIC markers in population genetic studies: a preliminary study with dengue vectors (Nirmani MD, Perera NS & Galhena GH) **48**: 275-288 (2020)

**Genetic fidelity**

Recovery, histological observations and genetic integrity in coconut (*Cocos nucifera* L.) embryogenic calli cryopreserved using encapsulation-dehydration procedure (Welewanni I, Perera C, Jayasekera A & Bandupriya D) **48**: 175-186 (2020)

**Geographic information system**

Hotspots of land use/land cover change around Bolgoda wetland, Sri Lanka (Athapaththu AHLCM, Wickramasinghe D & Somachandra MGMC) **48**: 219-226 (2020)

**Gompertz-H family of distributions**

Bivariate Gompertz generator of distributions: statistical properties and estimation with application to model football data (Eliwa MS, Alhussain ZA, Ahmed EA, Salah MM, Ahmed HH & El-Morshedy M) **48**: 149-162 (2020)

**Google distance matrix**

Challenges faced in heterogeneous traffic data collection: a comparison of traffic data collection technologies (Jayaratne DND, Vidanapathirana CJ & Pasindu HR) **48**: 227-237 (2020)

**Google earth imagery**

Google Earth imagery coupled with on-screen digitisation for urban land-use mapping: case study of Hambantota, Sri Lanka (Madarasinghe SK, Yapa KKAS & Jayatissa LP) **48**: 357-366 (2020)

**Hardness**

Effect of precipitate size distribution on hardness of aluminium 6063 alloy (Dilrukshi LWUR & De Silva GIP) **48**: 305-313 (2020)

**Hazard rate function**

The odd Chen generator of distributions: properties and estimation methods with applications in medicine and engineering (El-Morshedy M, Eliwa MS & Afify AZ) **48**: 113-130 (2020)

**Heavy metal**

Cadmium and arsenic levels in edible fishes, *Oreochromis niloticus* (Nile Tilapia) and *Ompok bimaculatus* (Butter catfish) from Padaviya Reservoir, Sri Lanka and human health risk assessment associated with their dietary exposure (Weerasekera KAWS, Pathiratne A & Kithsiri HMP) **48**: 335-344 (2020)

**Heat generation/absorption**

Rheology of hydro-magnetic polymeric material with heat generation/absorption and chemical reaction (Awais M, Awan SE, Irum S, Shoaib M, Ali H & Raja MAZ) **48**: 397-407 (2020)

**Heterogeneous traffic**

Challenges faced in heterogeneous traffic data collection: a comparison of traffic data collection technologies (Jayaratne DND, Vidanapathirana CJ & Pasindu HR) **48**: 227-237 (2020)

**High performance liquid chromatography**

Monolithic columns with incorporated titanium dioxide nanoparticles for hydrophilic interaction liquid chromatography (Ganewatta N & El Rassi Z) **48**: 315-325 (2020)

**Histology**

Recovery, histological observations and genetic integrity in coconut (*Cocos nucifera* L.) embryogenic calli cryopreserved using encapsulation-dehydration procedure (Welewanni I, Perera C, Jayasekera A & Bandupriya D) **48**: 175-186 (2020)

**Horsegram yellow mosaic virus (HgYMV)**

Transmission and host range of *Horsegram yellow mosaic virus* (HgYMV) causing common bean (*Phaseolus vulgaris* L.) yellowing disease in Sri Lanka (Rienzie R, De Costa MD & Wickramaarachchi WART) **48**: 81-92 (2020)

**Host range**

Transmission and host range of *Horsegram yellow mosaic virus* (HgYMV) causing common bean (*Phaseolus vulgaris* L.) yellowing disease in Sri Lanka (Rienzie R, De Costa MD & Wickramaarachchi WART) **48**: 81-92 (2020)

**Hotspots**

Hotspots of land use/land cover change around Bolgoda wetland, Sri Lanka (Athapaththu AHLCM, Wickramasinghe D & Somachandra MGMC) **48**: 219-226 (2020)

**Hydraulic conductivity**

Effect of air voids on permeability and durability of hot mix asphalt (Ahmad N, Haroon W & Abid MM) **48**: 463-474 (2020)

**Hydrophilic interaction liquid chromatography**

Monolithic columns with incorporated titanium dioxide nanoparticles for hydrophilic interaction liquid chromatography (Ganewatta N & El Rassi Z) **48**: 315-325 (2020)

**ICP-MS**

Cadmium and arsenic levels in edible fishes, *Oreochromis niloticus* (Nile Tilapia) and *Ompok bimaculatus* (Butter catfish) from Padaviya Reservoir, Sri Lanka and human health risk assessment associated with their dietary exposure (Weerasekera KAWS, Pathiratne A & Kithsiri HMP) **48**: 335-344 (2020)

**Image classification**

Google Earth imagery coupled with on-screen digitisation for urban land-use mapping: case study of Hambantota, Sri Lanka (Madarasinghe SK, Yapa KKAS & Jayatissa LP) **48**: 357-366 (2020)

**Innovative trend analysis**

Streamflow trends of Kelani River basin in Sri Lanka (1983-2013) (Jayasekera SM, Abeysingha NS & Meegastenna TJ) **48**: 449-462 (2020)

**In vitro**

Recovery, histological observations and genetic integrity in coconut (*Cocos nucifera* L.) embryogenic calli cryopreserved using encapsulation-dehydration procedure (Welewanni I, Perera C, Jayasekera A & Bandupriya D) **48**: 175-186 (2020)

**Isolation**

Isolation improvement of compact LTE MIMO terminal using combination of neutralisation line and modified ground structure (Singh HS & Shubair RM) **48**: 251-263 (2020)

**Kelani River**

Toxic hazards of industrial waste receiving canal system in the lower catchment of Kelani River basin, Sri Lanka (Kurupparachchi HD & Pathiratne A) **48**: 37-47 (2020)

**Kelani River**

Use of liver histological alterations and erythrocytic nuclear abnormalities of two native fish species in Kelani River, Sri Lanka as biomarkers for pollution impact assessments (Ruvinda KMS & Pathiratne A) **48**: 15-26 (2020)

**Land use**

Hotspots of land use/land cover change around Bolgoda wetland, Sri Lanka (Athapaththu AHLCM, Wickramasinghe D & Somachandra MGMC) **48**: 219-226 (2020)

**Land-use classes**

Google Earth imagery coupled with on-screen digitisation for urban land-use mapping: case study of Hambantota, Sri Lanka (Madarasinghe SK, Yapa KKAS & Jayatissa LP) **48**: 357-366 (2020)

**Land use pattern**

Optimising usage of Salinized Lands in the lower part of the river basin for the coastal community in Bentota, Sri Lanka (Ranasinghe TKGP & Piyadasa RUK) **48**: 379-396 (2020)

**Landsat 8 imagery**

Google Earth imagery coupled with on-screen digitisation for urban land-use mapping: case study of Hambantota, Sri Lanka (Madarasinghe SK, Yapa KKAS & Jayatissa LP) **48**: 357-366 (2020)

**Leafy liverworts**

New additions to leafy liverwort flora (Marchantiophyta, Jungermanniopsida) of Sri Lanka (Bandaranayake BMSK, Ruklani NCS & Rubasinghe SCK) **48**: 187-198 (2020)

**Leptospirosis**

A novel approach for qualitative biosensing of anti-leptospiral IgG antibodies in human sera using functionalised silver nanoparticles (Madushani V, Dahanayake H, Gamage CD, Sirimuthu NMS & Jayasundera ACA) **48**: 437-447 (2020)

**Lichen diversity**

Species diversity and altitudinal preferences of lichens on selected substrata in Ritigala Strict Natural Reserve (Gunawardene KW & Wijeyaratne SC) **48**: 49-56 (2020)

**Lie group analysis**

Rheology of hydro-magnetic polymeric material with heat generation/absorption and chemical reaction (Awais M, Awan SE, Irum S, Shoaib M, Ali H & Raja MAZ) **48**: 397-407 (2020)

**Linear Programming model**

Optimising usage of Salinized Lands in the lower part of the river basin for the coastal community in Bentota, Sri Lanka (Ranasinghe TKGP & Piyadasa RUK) **48**: 379-396 (2020)

**Localised surface plasmon resonance**

A novel approach for qualitative biosensing of anti-leptospiral IgG antibodies in human sera using functionalised silver nanoparticles (Madushani V, Dahanayake H, Gamage CD, Sirimuthu NMS & Jayasundera ACA) **48**: 437-447 (2020)

**LTE**

Isolation improvement of compact LTE MIMO terminal using combination of neutralisation line and modified ground structure (Singh HS & Shubair RM) **48**: 251-263 (2020)

**Lubrication approximation theory**

Mathematical model of ceyring fluid in a scraped surface heat exchanger (Imran A, Siddiqui AM, Numan M, Rana MA & Waheed A) **48**: 3-14 (2020)

**Magnetic field effects**

Rheology of hydro-magnetic polymeric material with heat generation/absorption and chemical reaction (Awais M, Awan SE, Irum S, Shoaib M, Ali H & Raja MAZ) **48**: 397-407 (2020)

**Mango**

*In vitro* antifungal efficacy of selected essential oils in controlling fungi associated with the stem-end rot disease of mango (cv. Karutha Colomban) fruits and characterisation of antifungal components (Kodituwakku TD, Ekanayake GCM, Abeywickrama KP & Jayakody R) **48**: 101-111 (2020)

**Mann-Kendall test**

Streamflow trends of Kelani River basin in Sri Lanka (1983-2013) (Jayasekara SM, Abeysingha NS & Meegastenna TJ) **48**: 449-462 (2020)

**Marker assisted breeding**

Assessment on variation of performance indicators under phosphorus-starved conditions in a core-set of rice cultivars and their diversity in pup1-linked DNA marker-haplotypes (Jayarathne HSM, Rathnayake PGRG, Ranaweera LT, Nizam R, Rathnayake RMSK, Kannangara SK, Udawela UAKS, Weebadde CK & Sooriyapathirana SDSS) **48**: 421-435 (2020)

**Marshall-Olkin shock model**

Bivariate Gompertz generator of distributions: statistical properties and estimation with application to model football data (Eliwa MS, Alhussain ZA, Ahmed EA, Salah MM, Ahmed HH & El-Morshedy M) **48**: 149-162 (2020)

**Maximum likelihood estimators**

The odd Chen generator of distributions: properties and estimation methods with applications in medicine and engineering (El-Morshedy M, Eliwa MS & Afify AZ) **48**: 113-130 (2020)

**Maximum likelihood method**

Bivariate Gompertz generator of distributions: statistical properties and estimation with application to model football data (Eliwa MS, Alhussain ZA, Ahmed EA, Salah MM, Ahmed HH & El-Morshedy M) **48**: 149-162 (2020)

**Maximum likelihood method**

Google Earth imagery coupled with on-screen digitisation for urban land-use mapping: case study of Hambantota, Sri Lanka (Madarasinghe SK, Yapa KKAS & Jayatissa LP) **48**: 357-366 (2020)

**MHD**

Rheology of hydro-magnetic polymeric material with heat generation/absorption and chemical reaction (Awais M, Awan SE, Irum S, Shoaib M, Ali H & Raja MAZ) **48**: 397-407 (2020)

**MHD nanofluid flow**

MHD natural convection nanofluid flows in a wavy trapezoidal porous enclosure with differentially heated side walls (Reddy ES & Panda S) **48**: 57-68 (2020)

**Microsatellites**

The scope of Rp EPIC markers in population genetic studies: a preliminary study with dengue vectors (Nirman MD, Perera NS & Galhena GH) **48**: 275-288 (2020)

**MIMO antenna**

Isolation improvement of compact LTE MIMO terminal using combination of neutralisation line and modified ground structure (Singh HS & Shubair RM) **48**: 251-263 (2020)

**Mini-warm pool**

A mini-warm pool during spring in the Bay of Bengal (Pathirana G & Priyadarshani K) **48**: 345-355 (2020)

**Molecular phylogeny**

Molecular phylogeny and chromosomal evolution of endemic species of Sri Lankan Anacardiaceae (Ariyaratne M, Yakandawala D, Barfuss M, Heckenhauer J, & Samue R) **48**: 289-303 (2020)

**Moment exponential**

Topp-Leone moment exponential distribution: properties and applications (Abbas S, Jahngeer A, Shahbaz SH, Afify AZ & Shahbaz MQ) **48**: 265-274 (2020)

**MPSoC**

Implementation of data cache block (DCB) in shared processor using field-programmable gate array (FPGA) (Karthick R & Meenalochini P) **48**: 475-479 (2020)

**MSE**

A new improved difference-cum-exponential ratio type estimator in systematic sampling using two auxiliary variables (Shabbir J, Masood S & Gupta S) **48**: 27-36 (2020)

**Mungbean**

Relative production efficiency of maize-legume intercroppings at different altitudes (Arshad M, Nawa R, Ahmad S, Razaq A, Ranamukhaarachchi S & Rahman Sur) **48**: 409-420 (2020)

**Multiprocessor**

Implementation of data cache block (DCB) in shared processor using field-programmable gate array (FPGA) (Karthick R & Meenalochini P) **48**:475-479(2020)

**Nanoparticles**

A novel approach for qualitative biosensing of anti-leptospirosis IgG antibodies in human sera using functionalised silver nanoparticles (Madushani V, Dahanayake H, Gamage CD, Sirimuthu NMS & Jayasundera ACA) **48**: 437-447 (2020)

**Natural convection**

MHD natural convection nanofluid flows in a wavy trapezoidal porous enclosure with differentially heated side walls (Reddy ES & Panda S) **48**: 57-68 (2020)

**Neutralisation line**

Isolation improvement of compact LTE MIMO terminal using combination of neutralisation line and modified ground structure (Singh HS & Shubair RM) **48**: 251-263 (2020)

**New records**

New additions to leafy liverwort flora (Marchantiophyta, Jungermanniopsida) of Sri Lanka (Bandaranayake BMSK, Ruklani NCS & Rubasinghe SCK) **48**: 187-198 (2020)

**Nitrogen**

Relative production efficiency of maize-legume intercroppings at different altitudes (Arshad M, Nawa R, Ahmad S, Razaq A, Ranamukhaarachchi S & Rahman Sur) **48**: 409-420 (2020)

**North Central Province**

Cadmium and arsenic levels in edible fishes, *Oreochromis niloticus* (Nile Tilapia) and *Ompok bimaculatus* (Butter catfish) from Padaviya Reservoir, Sri Lanka and human health risk assessment associated with their dietary exposure (Weerasekara KAWS, Pathiratne A & Kithsiri HMP) **48**: 335-344 (2020)

**Optimising salinized lands**

Optimising usage of Salinized Lands in the lower part of the river basin for the coastal community in Bentota, Sri Lanka (Ranasinghe TKGP & Piyadasa RUK) **48**: 379-396 (2020)

**Organic polymer based monolith**

Monolithic columns with incorporated titanium dioxide nanoparticles for hydrophilic interaction liquid chromatography (Ganewatta N & El Rassi Z) **48**: 315-325 (2020)



### **Oscillation modes**

Determination of oscillation frequencies and stellar properties of three Delta Scuti variable stars using Kepler data (Adassuriya J, Jayaratne KPSC & Cooray PTLV & Attygalle MLC) **48**: 367-378 (2020)

### **Padaviya reservoir fish**

Cadmium and arsenic levels in edible fishes, *Oreochromis niloticus* (Nile Tilapia) and *Ompok bimaculatus* (Butter catfish) from Padaviya Reservoir, Sri Lanka and human health risk assessment associated with their dietary exposure (Weerasekera KAWS, Pathiratne A & Kithsiri HMP) **48**: 335-344 (2020)

### **Pedestrian bridge**

Comfort evaluation of bridge based on stochastic process theory (Tan Y, Qin S, Zhang Z, Wang H & Wang Q) **48**: 239-249 (2020)

### **Phosphorus efficient rice**

Assessment on variation of performance indicators under phosphorus-starved conditions in a core-set of rice cultivars and their diversity in pup1-linked DNA marker-haplotypes (Jayarathne HSM, Rathnayake PGRG, Ranaweera LT, Nizam R, Rathnayake RMSK, Kannangara SK, Udawela UAKS, Weebadde CK & Sooriyapathirana SDSS) **48**: 421-435 (2020)

### **Phosphorus fertiliser crisis**

Assessment on variation of performance indicators under phosphorus-starved conditions in a core-set of rice cultivars and their diversity in pup1-linked DNA marker-haplotypes (Jayarathne HSM, Rathnayake PGRG, Ranaweera LT, Nizam R, Rathnayake RMSK, Kannangara SK, Udawela UAKS, Weebadde CK & Sooriyapathirana SDSS) **48**: 421-435 (2020)

### **Photometry**

Determination of oscillation frequencies and stellar properties of three Delta Scuti variable stars using Kepler data (Adassuriya J, Jayaratne KPSC & Cooray PTLV & Attygalle MLC) **48**: 367-378 (2020)

### **Pollution impact assessment**

Use of liver histological alterations and erythrocytic nuclear abnormalities of two native fish species in Kelani River, Sri Lanka as biomarkers for pollution impact assessments (Ruvinda KMS & Pathiratne A) **48**: 15-26 (2020)

### **Population forecasting**

Optimising usage of Salinized Lands in the lower part of the river basin for the coastal community in Bentota, Sri Lanka (Ranasinghe TKGP & Piyadasa RUK) **48**: 379-396 (2020)

### **Population genetics**

The scope of Rp EPIC markers in population genetic studies: a preliminary study with dengue vectors (Nirmani MD, Perera NS & Galhena GH) **48**: 275-288 (2020)

### **Porous medium**

MHD natural convection nanofluid flows in a wavy trapezoidal porous enclosure with differentially heated side walls (Reddy ES & Panda S) **48**: 57-68 (2020)

### **Polymeric liquid**

Rheology of hydro-magnetic polymeric material with heat generation/absorption and chemical reaction (Awais M, Awan S E, Irum S, Shoaib M, Ali H & Raja MAZ) **48**: 397-407 (2020)

### **Precipitate size distribution**

Effect of precipitate size distribution on hardness of aluminium 6063 alloy (Dilrukshi LWUR & De Silva GIP) **48**: 305-313 (2020)

### **Principal component analysis**

Toxic hazards of industrial waste receiving canal system in the lower catchment of Kelani River basin, Sri Lanka (Kuruppuarachchi HD & Pathiratne A) **48**: 37-47 (2020)

### **Pup1 qtl**

Assessment on variation of performance indicators under phosphorus-starved conditions in a core-set of rice cultivars and their diversity in pup1-linked DNA marker-haplotypes (Jayarathne HSM, Rathnayake PGRG, Ranaweera LT, Nizam R, Rathnayake RMSK, Kannangara SK, Udawela UAKS, Weebadde CK & Sooriyapathirana SDSS) **48**: 421-435 (2020)

### **Radical scavenging activity**

A secondary metabolite with in vitro radical scavenging activity from endolichenic fungus *Daldinia eschscholzii* found in lichen, *Parmotrema* sp. in Sri Lanka (Manthirathna MATP, Kandiah R, Gunasekera DS, Samanthi KAU, Welideniya DT, Maduranga HAK & Paranagama PA) **48**: 143-148 (2020)

### **Rainfall**

Streamflow trends of Kelani River basin in Sri Lanka (1983-2013) (Jayasekara SM, Abeysingha NS & Meegastenna TJ) **48**: 449-462 (2020)

### **Random vibration**

Comfort evaluation of bridge based on stochastic process theory (Tan Y, Qin S, Zhang Z, Wang H & Wang Q) **48**: 239-249 (2020)



**Relative yield**

Relative production efficiency of maize-legume intercroppings at different altitudes (Arshad M., Nawa R., Ahmad S., A Razaq A., Ranamukhaarachchi S. & Rahman Sur) **48**: 409-420 (2020)

**Reliability**

Topp-Leone moment exponential distribution: properties and applications (Abbas S, Jahngeer A, Shahbaz SH, Afify AZ & Shahbaz MQ) **48**: 265-274 (2020)

**Remote sensing**

Hotspots of land use/land cover change around Bolgoda wetland, Sri Lanka (Athapaththu AHLCM, Wickramasinghe D & Somachandra MGMC) **48**: 219-226 (2020)

**Rice**

Total and free amino acid contents of popular rice varieties (*Oryza sativa* L.) consumed in the capital city of Sri Lanka (Liyanarachchi GVV, Mahanama KRR, Somasiri HPPS, Punyasiri PAN & Kottawa-Arachchi JD) **48**: 199-211 (2020)

**Rice**

Use of single superphosphate fertiliser produced using Eppawala rock phosphate as a source of phosphorous for rice cultivation Udawatte CP, Panagoda PVA, Wickramasinghe WMADB, Wijewardena JDH, Sirisena DN, Emitiyagoda S & Bandara HRUD) **48**: 131-142 (2020)

**Rice landraces**

Assessment on variation of performance indicators under phosphorus-starved conditions in a core-set of rice cultivars and their diversity in pup1-linked DNA marker-haplotypes (Jayarathne HSM, Rathnayake PGRG, Ranaweera LT, Nizam R, Rathnayake RMSK, Kannangara SK, Udawela UAKS, Weebadde CK & Sooriyapathirana SDSS) **48**: 421-435 (2020)

**Risk assessment**

Cadmium and arsenic levels in edible fishes, *Oreochromis niloticus* (Nile Tilapia) and *Ompok bimaculatus* (Butter catfish) from Padaviya Reservoir, Sri Lanka and human health risk assessment associated with their dietary exposure (Weerasekera KAWS, Pathiratne A & Kithsiri HMP) **48**: 335-344 (2020)

**Ritigala strict natural reserve**

Species diversity and altitudinal preferences of lichens on selected substrata in Ritigala Strict Natural Reserve (Gunawardene KW & Wijeyaratne SC) **48**: 49-56 (2020)

**Row pattern**

Relative production efficiency of maize-legume intercroppings at different altitudes (Arshad M, Nawa R, Ahmad S, Razaq A, Ranamukhaarachchi S & Rahman Sur) **48**: 409-420 (2020)

**SAR**

Isolation improvement of compact LTE MIMO terminal using combination of neutralisation line and modified ground structure (Singh HS & Shubair RM) **48**: 251-263 (2020)

**Seawater intrusion**

Optimising usage of Salinized Lands in the lower part of the river basin for the coastal community in Bentota, Sri Lanka (Ranasinghe TKGP & Piyadasa RUK) **48**: 379-396 (2020)

**Secondary metabolites**

A secondary metabolite with in vitro radical scavenging activity from endolichenic fungus *Daldinia eschscholzii* found in lichen, *Parmotrema* sp. in Sri Lanka (Manthirathna MATP, Kandiah R, Gunasekera DS, Samanthi KAU, Welideniya DT, Maduranga HAK & Paranagama PA) **48**: 143-148 (2020)

**Security touchpoints**

A security specific knowledge modelling approach for secure software engineering (Abeyrathna A, Samarage C, Dahanayake B, Wijesiriwardana C & Wimalaratne P) **48**: 93-98 (2020)

***Semecarpus* species**

Molecular phylogeny and chromosomal evolution of endemic species of Sri Lankan Anacardiaceae (Ariyaratne M, Yakandawala D, Barfuss M, Heckenhauer J, & Samue R) **48**: 289-303 (2020)

**Short memory principle**

An efficient numerical method for fractional ordinary differential equations - based on exponentially decreasing random memory on uniform meshes (Somathilake LW) **48**: 163-174 (2020)

**Simple sequence repeats**

Recovery, histological observations and genetic integrity in coconut (*Cocos nucifera* L.) embryogenic calli cryopreserved using encapsulation-dehydration procedure (Welewanni I, Perera C, Jayasekera A & Bandupriya D) **48**: 175-186 (2020)

**Simulation**

The odd Chen generator of distributions: properties and estimation methods with applications in medicine and engineering (El-Morshedy M, Eliwa MS & Afify AZ) **48**: 113-130 (2020)

**Simultaneous sowing**

Relative production efficiency of maize-legume intercroppings at different altitudes (Arshad M, Nawa R, Ahmad S, A Razaq A, Ranamukhaarachchi S & Rahman Sur) **48**: 409-420 (2020)

**Size homoplasy**

The scope of Rp EPIC markers in population genetic studies: a preliminary study with dengue vectors (Nirman MD, Perera NS & Galhena GH) **48**: 275-288 (2020)

**Software security**

A security specific knowledge modelling approach for secure software engineering (Abeyrathna A, Samarage C, Dahanayake B, Wijesiriwardana C & Wimalaratne P) **48**: 93-98 (2020)

**Spring inter-monsoon**

A mini-warm pool during spring in the Bay of Bengal (Pathirana G & Priyadarshani K) **48**: 345-355 (2020)

**Sri Lanka**

Cicindelinae of Sri Lanka: New record of the arboreal tiger beetle *Tricondyla gounellei* Horn, 1900 (Abeywardhana DL, Dangalle CD and Mallawarachchi YW) **48**: 213-216 (2020)

**Sri Lanka**

First record of the presence of *Aedes* (Phagomyia) *cogilli* (Edwards, 1922) in Sri Lanka (Jayadas TTP, Thiruchenthooran V, Tharsan A, Sivabalakrishnan K, Santhirasekaram S & Surendran SN) **48**: 327-331 (2020)

**Sri Lanka**

Total and free amino acid contents of popular rice varieties (*Oryza sativa* L.) consumed in the capital city of Sri Lanka (Liyanarachchi GVV, Mahanama KRR, Somasiri HPPS, Punyasiri PAN & Kottawa-Arachchi JD) **48**: 199-211 (2020)

**Staggered sowing**

Relative production efficiency of maize-legume intercroppings at different altitudes (Arshad M, Nawa R, Ahmad S, A Razaq A, Ranamukhaarachchi S & Rahman Sur) **48**: 409-420 (2020)

**Static code analysis**

A security specific knowledge modelling approach for secure software engineering (Abeyrathna A, Samarage C, Dahanayake B, Wijesiriwardana C & Wimalaratne P) **48**: 93-98 (2020)

**Stellar pulsations**

Determination of oscillation frequencies and stellar properties of three Delta Scuti variable stars using Kepler data (Adassuriya J, Jayaratne KPSC & Cooray PTLV & Attygalle MLC) **48**: 367-378 (2020)

**Stem-end rot**

*In vitro* antifungal efficacy of selected essential oils in controlling fungi associated with the stem-end rot disease of mango (cv. Karutha Colomban) fruits and characterisation of antifungal components (Kodituwakku TD, Ekanayake GCM, Abeywickrama KP & Jayakody R) **48**: 101-111 (2020)

**Streamflow**

Streamflow trends of Kelani River basin in Sri Lanka (1983-2013) (Jayasekara SM, Abeysingha NS & Meegastenna TJ) **48**: 449-462 (2020)

**Systematic sampling**

A new improved difference-cum-exponential ratio type estimator in systematic sampling using two auxiliary variables (Shabbir J, Masood S & Gupta S) **48**: 27-36 (2020)

**Taxonomy**

New additions to leafy liverwort flora (Marchantiophyta, Jungermanniopsida) of Sri Lanka (Bandaranayake BMSK, Ruklani NCS & Rubasinghe SCK) **48**: 187-198 (2020)

**Threat modelling**

A security specific knowledge modelling approach for secure software engineering (Abeyrathna A, Samarage C, Dahanayake B, Wijesiriwardana C & Wimalaratne P) **48**: 93-98 (2020)

**TIRTL**

Challenges faced in heterogeneous traffic data collection: a comparison of traffic data collection technologies (Jayaratne DND, Vidanapathirana CJ & Pasindu HR) **48**: 227-237 (2020)

**Titanium dioxide nanoparticles**

Monolithic columns with incorporated titanium dioxide nanoparticles for hydrophilic interaction liquid chromatography (Ganewatta N & El Rassi Z) **48**: 315-325 (2020)

**Topp-Leone-G family**

Topp-Leone moment exponential distribution: properties and applications (Abbas S, Jahngeer A, Shahbaz SH, Afify AZ & Shahbaz MQ) **48**: 265-274 (2020)

**Total amino acids**

Total and free amino acid contents of popular rice varieties (*Oryza sativa* L.) consumed in the capital city of Sri Lanka (Liyanarachchi GVV, Mahanama KRR, Somasiri HPPS, Punyasiri PAN & Kottawa-Arachchi JD) **48**: 199-211 (2020)

**Toxic hazard**

Toxic hazards of industrial waste receiving canal system in the lower catchment of Kelani River basin, Sri Lanka (Kurupparachchi HD & Pathiratne A) **48**: 37-47 (2020)

**Trapezoidal wavy enclosure**

MHD natural convection nanofluid flows in a wavy trapezoidal porous enclosure with differentially heated side walls (Reddy ES & Panda S) **48**: 57-68 (2020)

**Traffic data collection**

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**TRAZER**

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***Tricondyla gounellei***

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**TSP**

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**Urban development**

Google Earth imagery coupled with on-screen digitisation for urban land-use mapping: case study of Hambantota, Sri Lanka (Madarasinghe SK, Yapa KKAS & Jayatissa LP) **48**: 357-366 (2020)

**UV-visible spectroscopy**

A novel approach for qualitative biosensing of anti-leptospiroal IgG antibodies in human sera using functionalised silver nanoparticles (Madushani V, Dahanayake H, Gamage CD, Sirimuthu NMS & Jayasundera AA) **48**: 437-447 (2020)

**Virus transmission**

Transmission and host range of Horsegram yellow mosaic virus (HgYMV) causing common bean (*Phaseolus vulgaris* L.) yellowing disease in Sri Lanka (Rienzie R, Costa DMD & Wickramaarachchi WART) **48**: 81-92 (2020)

**Viscous and joule dissipation**

MHD natural convection nanofluid flows in a wavy trapezoidal porous enclosure with differentially heated side walls (Reddy ES & Panda S) **48**: 57-68 (2020)

**Water pollution**

Toxic hazards of industrial waste receiving canal system in the lower catchment of Kelani River basin, Sri Lanka (Kurupparachchi HD & Pathiratne A) **48**: 37-47 (2020)

**Weighted least squares estimators**

The odd Chen generator of distributions: properties and estimation methods with applications in medicine and engineering (El-Morshedy M, Eliwa MS & Afify AZ) **48**: 113-130 (2020)

**Wetlands**

Hotspots of land use/land cover change around Bolgoda wetland, Sri Lanka (Athapaththu AHLCM, Wickramasinghe D & Somachandra MGMC) **48**: 219-226 (2020)