

# 《广西植物》第四十卷总目次

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- Lysionotus bijantiae* is identified as a new synonym of *Henckelia oblongifolia* (Gesneriaceae) ..... CAI Lei, BORAH Dipankar, DAO Zhiling, WEN Fang (1402)
- Notes on taxonomy of *Petrocosmea* Oliv. (Gesneriaceae) from Vietnam ..... TRAN Thi Phuong Anh, BUI Hong Quang, NGUYEN Khang Sinh, AVERYANOV Leonid, WEN Fang (1409)
- Rhynchotechum parviflorum* Blume, a newly recorded species of Gesneriaceae from China ..... HONG Xin, WANG Xiuping, WEN Fang (1417)
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- Primulina huangjiniana* (Gesneriaceae), a new species from Guangdong, China ..... HUANG Cuiying, MENG Kaikai, GUO Jianqiang, CHEN Fang, LIAO Wenbo, FAN Qiang (1429)
- Discovery of *Paraboea minutiflora* (Gesneriaceae) from Southeast Yunnan, China with supplementary description ..... LU Zhaoen, LIU Ende, HAN Mengqi, ZHU Xinxin, NGUYEN Khang Sinh, XU Weibin (1438)
- Discovery of a rare genus *Litostigma* (Gesneriaceae) from northern Vietnam with the supplementary description of *L. crystallinum* ..... LU Zhaoen, NGUYEN Khang Sinh, PHAN Ke Loc, TRAN Thi Phuong Anh, XU Weibin (1445)
- Textual research on type locality of *Petrocodon scopulorum* ..... LIU Mingtao, YU Yuesheng, LIU Chenggui, XU Yingzhi, CHEN Ming, LIU Jing (1450)
- Effects of calcium salt and simulated drought interaction on seed germination and seedling growth of *Damrongia clarkeana* ..... HONG Xin, SHAN Wanyue, ZHANG Dandan, CHAO Tiancai, WEN Fang, ZHOU Shoubiao (1457)
- Chromosome numbers and ploidy of four species (including one variety) in *Petrocodon* Hance ..... QIN Xinmei, PAN Bo, LU Yongbin, SHEN Lina, ZHANG Qiang, LIANG Yanni (1466)
- Diversity, geographical distribution and species boundary of the *Hemiboea subcapitata* complex ..... LI Jiahui, HUANG Zhangping, LU Yongbin, QIN Xinmei, HUANG Yusong, LI Huimin, ZHANG Qiang (1477)
- Study on endangered degree and conserved levels for plants of Gesneriaceae in Guangxi ..... GE Yuzhen, XIN Zibing, LI Shu, FU Longfei, WEN Fang (1491)
- Effects of geographic isolation caused by Changhua River on genetic diversity of Hainan-endemic *Metapetrocosmea peltata* (Gesneriaceae) ..... LI Ge, LING Shaojun, CHEN Weifang, REN Mingxun, TANG Liang (1505)
- Discovery of *Aeschynanthus fulgens* (Gesneriaceae) in China and pollen morphology of its related species ..... LI Xiaojing, YI Ran, SHI Zhiyuan, LI Jiamei (1514)
- Floral biological characteristics of eight *Primulina* species endemic to Guangxi ..... LAI Bidan, DENG Zhengyu, SUN Qi (1520)

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- Allelopathy of *Solidago canadensis* with different invasion degrees under nitrogen deposition ..... HU Wenjie, LIANG Qiuju, HE Yuhan, SUN Jianfan (1531)
- Monitoring and analysis of heavy metal atmospheric deposition of Caohai Lake in Guizhou by bryophytes ..... ZHANG Zhuanling, LIN Shaoxia, XIE Shuang, LI Lin, CHEN Liang, HE Jinlin, HUANG Hetian (1540)
- C, N and P stoichiometric characteristics of litterfall and soil in a Chinese fir plantation under long-term nitrogen deposition ..... LIAO Ke, SHEN Fangfang, LIU Wenfei, MENG Qingyin, TONG Hao, CHEN Guanpeng, XU Jin, FAN Houbao (1551)
- Spatiotemporal distribution of vegetation net primary productivity (NPP) and its impact factors in the Xiliaohe Basin ..... ZHU Liya, SUN Shuang, HU Ke (1563)
- Effects of fertilization and mowing on ecological stoichiometric characteristics in an Inner Mongolian steppe ..... CHEN Anqun, XUAN Juan, WANG Dong, LIU Yinshan (1575)
- Impact of future climate change on potential geographical distribution of four *Litsea* species in China ..... ZHENG Weiyuan, CAO Kunfang (1584)
- Response of antioxidant enzyme system and total flavonoid of woody plant *Hippophae neurocarpa* seedlings to enhanced UV-B radiation ..... ZHOU Xuan, JIA Zhipeng, WANG Juan, DU Meina, SU Xue (1595)

- Confirmation of *Melastoma dendrisetosum* (Melastomataceae) as a distinct species based on morphological and micromorphological data ..... WEN Zhenying, ZHOU Yuzhen, ZHAI Junwen, WU Shasha, LAN Siren, CHEN Jinliao, PENG Donghui (1602)
- Rediscovery of *Brachycorythis menglianensis* (Orchidaceae) with additional descriptive notes ..... WANG Yuqian, LIU Qiang, WU Xunfeng, LI Jinlong, WANG Boyi, PAN Bo (1613)
- Pollination biology of *Allium wallichii* ..... TANG Hanqing, WANG Xiaoyue, ZHANG Zinan, XIANG Mengda, ZHANG Xiangke, TANG Xiaoxin (1623)
- Pollination biology of *Hopea chinensis* ..... LU Qingbiao, ZHU Xiaozhen, LIU Changqiu, HU Xinghua, TANG Wenxiu, HUANG Shixun (1628)
- Morphological and anatomical studies of flower bud differentiation of *Barnardia japonica* ..... CHEN Bin, GONG Mingxue, LIU Xiaowei, LI Hongyao, WANG Huan, HE Miao (1638)
- Floral morphogenesis in *Leptopyrum* (Ranunculaceae) with scanning electron microscopy ..... LUO Minrong (1645)
- Ultrastructure of mesophyll cells of two species of mosses under ultra-low temperature stress and restored growth from glacier ..... HU Cuicui, LU Xiong, WANG Hong (1653)
- Breeding application of wild lily (*Lilium* spp.) species from Qin-Ba mountains ..... WANG Xianzhi, NIU Lixin, XIE Songlin, LUO Jianrang (1661)
- Gender differences in physiological responses of *Marchantia polymorpha* to cadmium stress ..... YANG Ruhua, JIN Tang, DAI Yuxuan, WANG Li (1671)
- In vitro* embryos culture and growth of regenerated plants in *Paris polyphylla* var. *chinensis* ..... CHEN Yao, ZHOU Hanmei, HE Bing, LI Wei (1681)
- Influences of PEG simulating drought stress on seed germination of *Metasequoia glyptostroboides* under different temperatures ..... WU Manling, ZHU Jiang, AI Xunru, YAO Lan, HUANG Xiao, WANG Jin, ZHU Qiang, CHEN Shaolin (1691)

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- Chemical components and bioactivity from the ethyl acetate of *Siegesbeckia glabresce* ..... LIU Hua, JIN Yongliang, ZHANG Jiyue, ZHU Lingli, SHENG Tianlu, LIU Feng (1699)
- Purification and anti-inflammatory activity of total flavonoids from *Amomum paratsao-ko* ..... CHAI Ling, CHEN Mingsheng, YUAN Jiantong, FENG Jun, LIU Buming (1706)
- Screening of antimicrobial activity of 19 Chinese herbal medicines ethanol extracts *in vitro* ..... ZHANG Tiehuan, WU Yuxia, DIAN Zuohong, ZUO Guoying (1712)
- Description of fatty acid biosynthesis pathway based on quinoa transcriptome ..... SHI Xiaodong, SUN Menghan, WU Qi, WU Xiaoyong, ZHAO Gang (1721)
- Preparation and identification of antiserum against HcPR10 from *Halostachys caspica* ..... ZHANG Hua, YANG Tao, HENG Youqiang, WANG Yan (1732)
- Analysis of allelochemicals in water extracts of plant and rhizospheric soil of *Hydrocotyle vulgaris* ..... ZHOU Xu, HU Yaping, GE Xiaomin, CHEN Shuifei, MA Fangzhou, DING Hui (1740)
- Alkaloid content and synthesis related gene expression of *Fritillaria thunbergii* in different producing areas ..... WU Qiuli, JI Yuanye, DONG Lili, SHEN Xiaoxia, WANG Zhian, WANG Zhonghua (1755)
- Effects of water stress on photosynthetic characteristics of *Camellia tunghinensis* seedlings ..... TANG Jianmin, CHAI Shengfeng, ZOU Rong, CHEN Zongyou, SHI Yancai, JIANG Yunsheng, WEI Xiao (1764)
- Bioinformatics analysis of coding protein of AC2 gene of Saudi tomato yellow leaf curl virus ..... ZHU Xiaolin, WEI Xiaohong, WANG Baoqiang, FENG Yue, ZHAO Yaodong (1773)
- Effects of NaHCO<sub>3</sub> stress on morphological indices and photosynthetic parameters of purple root *Eichhornia crassipes* ..... CHENG Beibei, CHEN Shengyan, YUE Liran (1781)
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- Bioinformatics analysis of AP2 transcription factor in *Auxenochlorella protothecoides* ..... FU Chun, TANG Yi, JIANG Na, YANG Yaojun (1800)
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- New record to alpine subnival belt of Northwest Yunnan ..... XU Bo, CHEN Guangfu (1824)
- New records of *Caloplaca* and *Ramboldia* from China ..... WANG Chunxiao, SUN Meijie, ZHAO Zuntian (1833)
- Effects of soil nitrogen heterogeneity and parasitism by *Pedicularis* species on growth and root spatial distribution of *Polypogon monspeliensis* ..... TIAN Yuqing, SUI Xiaolin, ZHANG Ting, LI Yanmei, LI Airong (1838)
- Predicting the potential distribution of original plants of mainstream varieties of Tibetan medicine "Bangjian" ..... TANG Yi, DING Rong, FU Lin, GU Rui, DENG Wei, SUN Hongbing (1849)
- Patterns of species diversity in herbaceous communities at different altitude gradients and their relationships with environmental factors in Lüliang Mountains in Shanxi Province, China ..... ZHANG Shixiong, QIN Ruimin, YANG Xiaoyan, WEN Jing, XU Manhou (1860)
- Using UAV images to explore quantitative characteristics and influencing factors of forest gaps in *Castanopsis kawakamii* natural forest ..... LU Yaoshun, HE Zhongsheng, LUO Lijie, LIU Jinfu, SHI Youwen, SHEN Caixia (1869)
- Soil microbe quantity and enzyme activity characteristics of *Eucalyptus* plantations of different forest ages in North Guangxi ..... DUAN Chunyan, HE Chengxin, SHEN Yuyi, TENG Qiumei, XU Guangping, LUO Yajin, ZHOU Longwu, GU Daxing, HE Wen, HUANG Kechao (1877)