

## Curriculum Vitae

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### Present Position:

- Associate Professor, School of Biological Sciences and Chemistry, Sungshin Women's University, Korea
- Honorary Assistant Professor, School of Biological Sciences, University of Hong Kong

### Education:

Ph.D. (Botany) Seoul National University. 2001.  
M.A. (Biology) Sung Kyun Kwan University. 1993.  
B.S. (Biology) Sung Kyun Kwan University. 1990.

### Employment history:

- Professor, Associate professor, and Assistant Professor. School of Biological Sciences and Chemistry, **Sungshin Women's University**, Korea (March, 2009 – present).
- Senior Researcher, Genetic Resources. **National Institute of Biological Resources**, Ministry of Environment, Korea (Aug., 2007 – Feb. 2009).
- Postdoctoral associate. Department of Botany, **University of Florida**, USA (Oct., 2001 – Aug., 2007). Employer: Dr. Douglas E. Soltis.
- Postdoctoral associate. **Natural Products Research Institute**, Seoul National University, Korea (Mar., 2001 – Oct., 2001). Employer: Dr. Youngbae Suh.

### Ph.D. dissertation:

2001. Phylogeny and classification of the Magnoliaceae. Seoul National University, Seoul, Korea.  
Advisors: Dr. Chong-Wook Park and Dr. Youngbae Suh.

### Master's thesis:

1993. A taxonomic study of *Scutellaria* in Korea. Sung Kyun Kwan University, Suwon, Korea.  
Advisor: Dr. Sangtae Lee.

### Publications:

- 78) 2022. Zhao, Nan, Suhyeon Park, Yu-Qu Zhang, Ze-Long Nie, Xue-Jun Ge, **SANGTAE KIM**, and Hai-Fei Yan. 2022. Fingerprints of climatic changes through the late Cenozoic in southern Asian flora: Magnolia section *Michelia* (Magnoliaceae). *Annals of Botany* 20: 1-12.
- 77) 2022. Sun, Seng-Peng, Yue Zhao, Bhangubonb Bongcheewin, **SANGTAE KIM**, Guang Guo, Tsuneo Funamoto, Huan-Chong Wang, Chun-Lei Ziang. 2022. Systematic placement of *Elsholtzia griffithii* (Nepetoideae, Lamiaceae), a new record from China. *Phytotaxa* 548: 039-050.
- 76) 2021. Mi-Jeong Yoo, Byoung-Yoon Lee, **SANGTAE KIM**, and Chae Eun Lim. Phylogenomics with Hyb-Seq unravels Korean *Hosta* evolution. *Frontiers in Plant Science*. 12: e645735.
- 75) 2021. Eric H. Roalson1...**SANGTAE KIM**... et al. A framework infrageneric classification of *Carex* (Cyperaceae) and its organizing principles. *Journal of Systematics and Evolution* 59: 726-762.
- 74) 2021. Evgeny V. Mavrodiev1, Christopher Dervinis, William Mark Whitten1, Matthew A. Gitzendanner,

- Matias Kirst, **SANGTAE KIM**, Taliesin J. Kinser<sup>1</sup>, Pamela S. Soltis, and Douglas E. Soltis<sup>1</sup>. A new, simple, highly scalable, and efficient protocol for genomic DNA extraction from diverse plant taxa. *Applications in Plant Sciences*. 9:e11413.
- 73) 2021. Yae-Eun Lee, Yoonkyung Lee, and **SANGTAE KIM**. A report of the second chloroplast genome sequence in *Veronica nakaiana* (Plantaginaceae), an endemic species in Korea. *Korean Journal of Plant Taxonomy*. 51: 109-114.
- 72) 2020. Yeo, Yoonju, Suhyun Park, J. Antonio Vázquez-García, and **SANGTAE KIM**. Determination of chloroplast genome sequence of *Magnolia ofeliae* A. Vázquez and Cuevas (Magnoliaceae), an endangered Mexican magnolia. *Mitochondrial DNA Part B-Resources* 5: 3803-3804.
- 71) 2020. Choi, Sang Chul and **SANGTAE KIM**. A chloroplast genome of *Forsythia saxatilis* (Nakai) Nakai, an endemic species in Korea. *Mitochondrial DNA Part B-Resources* 5: 3743-3745.
- 70) 2020. Villaverde, Tamara, ... **SANGTAE KIM** ... et al. A new classification of *Carex* (Cyperaceae) subgenera supported by a HybSeq backbone phylogenetic tree. *Botanical Journal of the Linnean Society*. 194: 141-163.
- 69) 2020. Suh, Hwa-Jung, Jung-Hyyn Kim, Ji-Eun Choi, Wunggi Lee, Jin-Seok Kim, and **SANGTAE KIM**. A new distribution record of *Sedum kiangnanense* (Crassulaceae) in Korea. *Korean Journal of Plant Taxonomy*. 50: 247-251.
- 68) 2020. Lee, Yoonkyung and **SANGTAE KIM**. The complete chloroplast genome sequence of *Holmskioldia sanguinea* Retz., an ornamental plant of Lamiaceae. *Mitochondrial DNA Part B-Resources* 5: 895-896.
- 67) 2020. Park, Jongsun, Youngbae Suh, and **SANGTAE KIM**. A complete chloroplast genome sequence of *Gastrodia elata* (Orchidaceae) represents high sequence variation in the species. *Mitochondrial DNA Part B-Resources* 5: 517-519.
- 66) 2019. Lee, Bora, Yanghoon Cho, and **SANGTAE KIM**. Genome size estimation of 43 Korean *Carex*. *Korean Journal of Plant Taxonomy* 49: 334-344.
- 65) 2019. Hussain, Adil, Daniel Potter, **SANGTAE KIM**, Muhammad Q. Hayat, and Syed A.I. Bokhari. Molecular phylogeny of *Artemisia* (Asteraceae-Anthemideae) with emphasis on undescribed taxa from Gilgit-Baltistan (Pakistan) based on nrDNA (ITS and ETS) and cpDNA (psbA-trnH) sequences. *Plant Ecology and Evolution* 152: 507-520,
- 64) 2019. Song, Eunji, Suhyeon Park, and **SANGTAE KIM**. Primers for complete chloroplast genome sequencing in *Magnolia*. *Applications in Plant Sciences*. 7(9): e11286
- 63) 2019. Oh, Sang-Hun, Hwa Jung Suh, Jongsun Park, Yongsung Kim, and **SANGTAE KIM**. The complete chloroplast genome sequence of *Goodyera schlechtendaliana* in Korea (Orchidaceae). *Mitochondrial DNA Part B-Resources* 4: 2692-2693.
- 62) 2019. Lee, Yoonkyung and **SANGTAE KIM**. The complete chloroplast genome of *Scutellaria indica* var. *coccinea* (Lamiaceae), an endemic taxon in Korea. *Mitochondrial DNA Part B-Resources* 4: 2538-2539.
- 61) 2019. Oh, Sang-Hun, Hwa Jung Suh, Jongsun Park, Yongsung Kim, and **SANGTAE KIM**. The complete chloroplast genome sequence of morphotype of *Goodyera schlechtendaliana* (Orchidaceae) with the column appendages. *Mitochondrial DNA Part B-Resources* 4: 626-627.
- 60) 2019. Song, Eunji, Suhyeon Park, Weibang Sun, and **SANGTAE KIM**. Complete chloroplast genome sequence of *Magnolia sinica* (YWLaw) Noot. (magnoliaceae), A critically endangered species with extremely small populations in Magnoliaceae. *Mitochondrial DNA Part B-Resources* 4: 242-243.
- 59) 2018. Lee, Yoonkyung, Jung-Hyun Kim, Byung Yoon Lee, Jin-Seok Kim, and **SANGTAE KIM**. A new distribution record of *Scutellaria barbata* D. Don (Lamiaceae) and an erroneously identified *Scutellaria* in Korea. *Korean Journal of Plant Taxonomy*. 48: 1-6.
- 58) 2018. Song, Eunji, Suhyeon Park, Jongsun Park, and **SANGTAE KIM**. The chloroplast genome sequence of *Magnolia kobus* DC. (Magnoliaceae). *Mitochondrial DNA Part B-Resources* 3: 342-343.
- 57) 2017. Nam, Soohwan and **SANGTAE KIM**. Propagation and restoration of destroyed original habitat of *Adenophora erecta* S. Lee, Joongku Lee et S. Kim, an endemic species of Ulleung island in Korea. *Korean Journal of Nature Conservation* 1: 82-90.
- 56) 2017. Lee, Yoonkyung and **SANGTAE KIM**. Genome size of 15 Lamiaceae taxa in Korea. *Korean Journal of Plant Taxonomy* 47: 161-169.

- 55) 2016. **KIM, SANGTAE**. Test of DNA preservation with FTA card in various tracheophytes. *Korean Journal of Nature Conservation* 10: 89-100.
- 54) 2016. The global Carex Group (Pham, K. K., ... **S. KIM** ... et al.). Specimens at the center: an informatics workflow and toolkit for specimen-level analysis of public DNA database data. *Systematic Botany* 41: 529-539.
- 53) 2016. The global Carex Group (Jimenez-Mejias, P., ... **S. KIM** ... et al.). Megaphylogenetic specimen-level approach to the Carex (Cyperaceae) phylogeny using ITS, ETS, and matK sequences: implications for classification. *Systematic Botany* 41: 500-518.
- 52) 2016. Jongsun Park, Yongsung Kim, Suhwan Nam, Kyeong-In Heo, Hong Xi, Suwang Jang, Suhyeon Park, and **SANGTAE KIM**. PlantGPS: a mobile application for collecting biogeographical information of plants and for their monitoring. *Korean Journal of Nature Conservation* 10: 9-17.
- 51) 2015. Lee, Yoonkyung, Jongduk Jung, and **SANGTAE KIM**. A suggestion of Korean names for the orders and families included in the APG III classification system. *Korean Journal of Plant Taxonomy* 45: 278-297.
- 50) 2015. Global Carex Group (... **SANGTAE KIM**... et al.). The Making Carex monophyletic (Cyperaceae, tribe Cariceae): a new broader circumscription. *Botanical Journal of Linnean Society*. 179: 1-42.
- 49) 2014. Ma, Younju and **SANGTAE KIM**. Pollen and Fruit Morphology of *Isodon* (Lamiaceae) in Korea. *Korean Journal of Nature Conservation* 8: 105-111.
- 48) 2014. Ma, Younju and **SANGTAE KIM**. Morphological diagnostic characters of *Isodon* (Lamiaceae) in Korea. *Korean Journal of Plant Taxonomy* 44: 261-275.
- 47) 2014. Melzer, Rainer, Andrea Härter, Florian Rümpler, **SANGTAE KIM**, Pamela S. Soltis, Douglas E. Soltis and Gunter Theissen. DEF- and GLO-like proteins may have lost most of their interaction partners during angiosperm evolution. *Annals of Botany* DOI: 10.1093/aob/mcu094.
- 46) 2013. *Amborella* Genome Project (... **SANGTAE KIM**... et al.). The *Amborella* genome and the evolution of flowering plants. *Science* 342: 1467.
- 45) 2013. Sungmin Kim and **SANGTAE KIM**. Diagnostic characters of *Juncus* (Juncaceae) species in Korea. *Korean Journal of Plant Taxonomy* 43: 196-207.
- 44) 2013. Cho Yun Sun,... **SANGTAE KIM**, ... et al. The tiger genome and comparative analysis with lion and snow leopard genomes. *Nature Communications* 4:2433 DOI: 10.1038/ncomms3433
- 43) 2013. **KIM, SANGTAE**, Pamela S. Soltis, and Douglas D. Soltis. AGL6-like MADS-box genes are sister to AGL2-like MADS-box genes. *Journal of Plant Biology* 56:315-325.
- 42) 2013. **KIM, SANGTAE** and Youngbae Suh. Phylogeny of Magnoliaceae based on ten chloroplast DNA regions. *Journal of Plant Biology* 56: 290-305.
- 41) 2013. **KIM, SANGTAE** and Younju Ma. Morphological multivariate analyses of the *Isodon inflexus* complex (Lamiaceae) in Korea. *Korean Journal of Nature Conservation* 7: 42-49.
- 40) 2012. Kim, Sungmin, Yanghoon Cho, Jonghwan Kim, Sangdeug Shim, and **SANGTAE KIM**. 2012. *Juncus fauriei* Lev. & Vaniot (Juncaceae): a new record in Korea. *Korean Journal of Plant Taxonomy* 42: 330-334.
- 39) 2011. **KIM, SANGTAE** and Younju Ma. Morphological multivariate analyses of *Isodon excisus* complex (Lamiaceae) in Korea. *Korean Journal of Plant Taxonomy* 41: 223-229.
- 38) 2011. **KIM, SANGTAE**, Seung-Yeon Lee, Seung-Chul Kim, Hye Won Byun, Sangtae Lee, Muyeal Kim, Seok-Pyo Hong, Youngjae Chung, Ki-Ryong Park, Chunghee Lee, Joongku Lee, Kyeong-In Heo, Jiye Lee, Eun-Jee Lee, and Yu-Ri Jin. Development of a mobile application, "Wild Flowers of Bukhansan National Park (version 1.0)", for identification of plants in Bukhansan national park. *Journal of Korean Nature* 4: 139-150.
- 37) 2011. Ryu, Hye Seon, Ji Hyeon Jeong, **SANGTAE KIM**, Weon Ki Paik. Morphological analyses of natural populations of *Sedum kamtschaticum* (Crassulaceae) and the investigation of their vegetations. *Korean Journal of Plant Research* 24: 370-378.
- 36) 2010. **KIM, SANGTAE**. The first report: *Prunella pinnatifida* Benth. (Labiatae) in Korea. *Korean Journal of Plant Taxonomy* 40: 163-168.
- 35) 2010. **KIM, SANGTAE**. Endless debates on the extant basal-most angiosperm. *Korean Journal of Plant*

*Taxonomy* 40: 1-15.

- 34) 2008. Kim, Ki-Joong, Young-Dong Kim, Joo-Hwan Kim, Seon-Joo Park, Chong-Wook Park, Byung-Yun Sun, Ki-Oug Yoo, Byoung-Hee Choi, and **SANGTAE KIM**. Phylogenetic classification of Korean vascular flora according to the recent APG classification system. *Korean Journal of Plant Taxonomy* 38: 197-222.
- 33) 2008. Soltis, Douglas E., Pamela S. Soltis, Charles Bell, and **SANGTAE KIM**. The origin and early evolution of angiosperms. *Annals of the New York Academy of Sciences* 1113: 3-25.
- 32) 2008. Soltis, Douglas E., Victor A. Albert, Jim Leebens-Mack, Jeffery D. Palmer, Rod A. Wing, Claude W. dePamphilis, Hong Ma, John E. Carlson, Naomi Altman, **SANGTAE KIM**, P. Kerr Wall, Andrea Zuccolo, and Pamela S. Soltis. The *Amborella* genome: an evolutionary reference for plant biology. *Genome Biology* 9: 402.1-402.7.
- 31) 2008. Ackerman, Christine M., Qingyi Yu, **SANGTAE KIM**, Robert E. Paull, Paul H. Moore, Ray Ming. B-class MADS-box genes in trioecious papaya: two paleoAP3 paralogs, *CpTM6-1* and *CpTM6-2*, and a PI ortholog *CpPI*. *Planta* 227: 741-753.
- 30) 2007. Soltis, Douglas E., André Chanderbali, **SANGTAE KIM**, Matyas Buzgo, and Pamela S. Soltis. The ABC model and its applicability to basal angiosperms. *Annals of Botany* 100: 155-163.
- 29) 2007. Buzgo, Matyas, André Chanderbali, **SANGTAE KIM**, Patrick Zheng, David Oppenheimer, Pamela S. Soltis, and Doug E. Soltis. Floral developmental morphology of *Persea americana* (avocado, Lauraceae): the oddities of male organ identity. *International Journal of Plant Sciences* 168: 261-284.
- 28) 2006. **KIM, SANGTAE**, Pamela S. Soltis, Kerr Wall, and Douglas E. Soltis. Phylogeny and domain evolution in the *APETALA2*-like gene family. *Molecular Biology and Evolution* 23:107-120.
- 27) 2006. Chanderbali, André, **SANGTAE KIM**, Matyas Buzgo, Patrick Zheng, David G. Oppenheimer, Douglas E. Soltis, and Pamela S. Soltis. Genetic footprints of stamen ancestors guide perianth evolution in *Persea* (Lauraceae). *International Journal of Plant Sciences* 167: 1075-1089.
- 26) 2006. Buzgo, Matyas., Douglas E. Soltis, Pamela S. Soltis, **SANGTAE KIM**, Hong Ma, James Leebens-Mack, Bernard A. Hauser, Claude W. dePamphilis. Perianth development in basal monocot *Triglochin maritima* (Juncaginaceae). *Aliso* 22: 107-125.
- 25) 2006. Soltis, Pamela S., Douglas E. Soltis, **SANGTAE KIM**, André Chanderbali, and Matyas Buzgo. Expression of floral regulators in basal angiosperms and the origin and evolution of ABC-function. *Advances in Botanical Research incorporating Advances in Plant Pathology* 44: 483-506.
- 24) 2005. **KIM, SANGTAE**, Jin Koh, Mi-Jeong Yoo, Hongzhi Kong, Yi Hu, Hong Ma, Pamela S. Soltis, and Douglas E. Soltis. Expression of floral MADS-box genes in the basal angiosperms *Amborella* (Amborellaceae), *Nuphar* (Nymphaeaceae), *Illicium* (Austrobaileyales), and members of the magnoliid clades: implications for the evolution of floral regulators and the perianth. *The Plant Journal* 43: 724-744. **Journal cover.**
- 23) 2005. **KIM, SANGTAE**, Jin Koh, Hong Ma, Yi Hu, Peter K. Endress, Matyas Buzgo, Bernard A. Hauser, Pamela S. Soltis, and Douglas E. Soltis. Sequence and expression studies of A-, B-, and E-class MADS-box genes in *Eupomatia* (Eupomatiaceae): support for the bracteate origin of the calyptra. *International Journal of Plant Sciences* 166: 185-198. **Journal cover.**
- 22) 2005. Zahn, Laura M., Hongzhi Kong, James H. Leebens-Mack, **SANGTAE KIM**, Pamela S. Soltis, Lena L. Landherr, Douglas E. Soltis, Claude W. dePamphilis, and Hong Ma. The evolution of the *SEPALLATA* subfamily of MADS-box genes: a pre-angiosperm origin with multiple duplications throughout angiosperm history. *Genetics* 169: 2209-2223.
- 21) 2005. Albert, Victor A., Douglas E. Soltis, John E. Carlson, William G. Farmerie, Kerr, P. Wall, Daniel C. Ilut, Teri M. Solow, Lukas A. Mueller, Lena L. Landherr, Yi Hu, Matyas Buzgo, **SANGTAE KIM**, Mi-Jeong Yoo, Michael W. Frohlich, Rafael Perl-Treves, Scott E. Schlarbaum, Barbara J. Bliss, Xiaohong Zhang, Steven D. Tanksley, David G. Oppenheimer, Pamela S. Soltis, Hong Ma, Claude W. dePamphilis, and James H. Leebens-Mack. Floral gene resources from basal angiosperms for comparative genomics research. *BMC Plant Biology* 5: 1-15.
- 20) 2005. Buzgo, Matyas, Pamela S. Soltis, **SANGTAE KIM**, and Douglas E. Soltis. The making of the flower. *Biologist* 52: 149-154.
- 19) 2005. Soltis, D.E., Victor A. Albert, **SANGTAE KIM**, Mi-Jeong Yoo, Pamela S. Soltis, Michael W. Frohlich, James H. Leebens-Mack, Hongzhi Kong, Kerr Wall, Hong Ma, and Claude W. dePamphilis. Evolution

- of the flower. In *Plant Diversity and Evolution: Genotypic and Phenotypic Variation in Higher Plants*, R. Henry (ed.) Pp.165-200. CABI Publishers.
- 18) 2004. **KIM, SANGTAE**, Mi-Jeong Yoo, Victor A. Albert, James S. Farris, Pamela S. Soltis, Douglas E. Soltis. Phylogeny and diversification of B-function MADS-box genes in angiosperms: evolutionary and functional implications of a 260-million-year-old duplication. *American Journal of Botany* 21: 2102-2118. [Journal cover](#).
  - 17) 2004. **KIM, SANGTAE**, Douglas E. Soltis, Pamela S. Soltis, and Youngbae Suh. DNA sequences from Miocene fossils: an *ndhF* sequence of *Magnolia latahensis* (Magnoliaceae) and an *rbcl* sequence of *Persea pseudocarolinensis* (Lauraceae). *American Journal of Botany* 91: 615-620.
  - 16) 2004. **KIM, SANGTAE**, Douglas E. Soltis, Pamela S. Soltis, Michael J. Zanis, and Youngbae Suh. Phylogenetic relationships among early-diverging eudicots based on four genes: Were the eudicots ancestrally woody? *Molecular Phylogenetics and Evolution* 31: 16-30.
  - 15) 2003. Soltis, Douglas E., Anne E. Senter, Michael J. Zanis, **SANGTAE KIM**, James D. Thompson, Pamela Soltis, Louis P. Ronse de Craene, Peter K. Endress, and James S. Farris. Gunnerales are sister to other core eudicots and exhibit some floral features of early-diverging eudicots. *American Journal of Botany* 90: 461-470.
  - 14) 2002. Sang Yong Lee, Youngbae Suh, **SANGTAE KIM**, and Chung Il Choi. Ecological and morphological characteristics of *Zostera caulescens* Miki (Zosteraceae) in Korea. *Ocean and Polar Research* 24: 345-357.
  - 13) 2002. **KIM, SANGTAE**, Hans P. Nooteboom, Chong-Wook Park, and Youngbae Suh. Taxonomic revision of *Magnolia* section *Maingola* Dandy (Magnoliaceae) and the multivariate analysis of *Magnolia macklottii* complex. *Blumea* 47: 319-339.
  - 12) 2001. **KIM, SANGTAE**, Chong-Wook Park, Young-Dong Kim, and Youngbae Suh. Phylogenetic relationships in family Magnoliaceae inferred from *ndhF* sequences. *American Journal of Botany* 88: 717-728. [Journal cover](#).
  - 11) 2000. Soltis, S. Pamela, Douglas E. Soltis, Michael J. Zanis, and **SANGTAE KIM**. Basal lineages of angiosperms: relationships and implications for floral evolution. *International Journal of Plant Science* 161: 97-107.
  - 10) 2000. Sun, Byung-Yun, Tae Jin Kim, **SANGTAE KIM**, Young Bae Suh, and Chul Hwan Kim. Systematics of *Ostericum* (Apiaceae) in Korea. *Korean Journal of Plant Taxonomy* 30: 94-104.
  - 9) 1997. Suh, Youngbae, **SANGTAE KIM** and Chong-Wook Park. A phylogenetic study of *Polygonum* sect. *Tovara* (Polygonaceae) based on ITS sequences of nuclear ribosomal DNA. *Journal of Plant Biology* 40: 47-52.
  - 8) 1997. **KIM, SANGTAE** and Sangtae Lee. Multivariate analyses of the *Scutellaria pekinensis* complex (Labiatae) in Korea. *Journal of Plant Biology* 40: 37-45.
  - 7) 1997. Lee, Sangtae, Joongku Lee, and **SANGTAE KIM**. A new species of *Adenophora* (Campanulaceae) from Korea. *Journal of Plant Research* 110: 77-80.
  - 6) 1996. Suh, Youngbae, **SANGTAE KIM** and Chong-Wook Park. AFLP examination for putative hybrid between *Aconitum japonicum* ssp. *napiforme* and *A. jaluense* ssp. *jaluense* (Ranunculaceae). *Korean Journal of Plant Taxonomy* 27: 59-71.
  - 5) 1996. Cho, Hae-Jeong, **SANGTAE KIM**, Youngbae Suh, and Chong-Wook Park. ITS sequences of some *Acer* species and phylogenetic implication. *Korean Journal of Plant Taxonomy* 26: 271-291.
  - 4) 1996. Suh, Youngbae, Hye-Jeong Cho, **SANGTAE KIM**, and Chong-Wook Park. Comparative analysis of ITS sequences from *Acer* species (Aceraceae) in Korea. *Journal of Plant Biology* 39: 1-8.
  - 3) 1995. **KIM, SANGTAE** and Sangtae Lee. Fruit surface morphology of *Scutellaria* (Lamiaceae) in Korea and its taxonomic implication. *Korean Journal of Plant Taxonomy* 25: 165-176.
  - 2) 1995. **KIM, SANGTAE** and Sangtae Lee. Taxonomy of the genus *Scutellaria* (Lamiaceae) in Korea. *Korean Journal of Plant Taxonomy* 25: 71-102.
  - 1) 1994. **KIM, SANGTAE** and Sangtae Lee. Two new varieties of *Scutellaria indica* L. from Korea. *Korean Journal of Plant Taxonomy* 24: 73-78.

## Selected Abstracts:

2020. **SANGTAE KIM** and Suhyeon Park. Observation of sepaloid-tepals in Magnolia cultivars. Magnolia Society International 2020 Annual Meeting. Chollipo Arboretum. **(Invited speaker)**.
2019. **SANGTAE KIM**. Toward the ultimate phylogeny of Magnoliaceae: phylogenomic approach. Neotropical Magnolia Scientific Symposium. Guadalajara, Mexico. **(Keynote speaker)**.
2018. **SANGTAE KIM**, Suhyeon Park, and Jongsun Park. Genome-wide approach based on target-enrichment NGS sequencing suggested ancient hybridizations in Magnoliaceae: preliminary results. Plant and Animal Genome meeting. San Diego, USA.
2018. **SANGTAE KIM**. Genome-wide approach on the phylogeny of Magnoliaceae using a target-enrichment NGS. The Magnolia Society meeting. Raleigh, USA.
2017. **SANGTAE KIM** and Bora Lee. Evo-devo studies in *Carex dickinsii*. The Global *Carex* Group Meeting. Morton Arboretum, USA.
2017. **SANGTAE KIM**, Suhyeon Park, and Jongsun Park. Genome-wide approach on the phylogeny of Magnoliaceae using a target-enrichment NGS. XIX International Botanical Congress. Shenzhen, China. **(Symposium organizer)**.
2017. Jongsun Park, Jong Bhak, and **SANGTAE KIM**. *Magnolia* genome: an additional reference for understanding angiosperm diversification. XIX International Botanical Congress. Shenzhen, China. **(Symposium organizer)**.
2016. Jongsun Park, Jong Bhak, and **SANGTAE KIM**. Genome of *Magnolia kobus* (Magnoliaceae), an additional key reference for the studies of angiosperm evolution: the first version. Plant and Animal Genome meeting. San Diego, USA.
2015. **SANGTAE KIM**. A phylogenomic study of chloroplast genomes in Magnoliaceae. The 1<sup>st</sup> International Symposium on Neotropical Magnoliaceae (ISNM). Quito, Ecuador. **(Invited symposium speaker)**.
2015. **SANGTAE KIM**. Sequence and expression studies of floral MADS-box genes in *Magnolia salificolia*, sepaloid-tepal having magnolia. The 1<sup>st</sup> International Symposium on Neotropical Magnoliaceae (ISNM). Quito, Ecuador. **(Invited symposium speaker)**.
2014. **SANGTAE KIM** and Bora Lee, Expression of floral MADS-box genes in *Carex dickinsii* Franch. & Sav. (Cyperaceae). Botany2014, Boise, USA.
2014. Jongduk Jung, Jongsun Park, Tae-Jin Yang, Kyunghee Kim, and **SANGTAE KIM**. A complete chloroplast sequence from *Carex siderosticta* Hance (Cyperaceae): one of the largest chloroplast genomes in angiosperms. Botany2014, Boise, USA.
2009. **KIM, SANGTAE**. Phylogeny, diversification and evolution of Magnoliaceae based on sequences of ten chloroplast regions. International Symposium on the family Magnoliaceae. Guangzhou, China. **(Keynote address)**.
2008. **KIM, SANGTAE**. Diversity, phylogeny, and evolution of Magnoliaceae. International Symposium of East Asian Plant Diversity and Conservation. Sapporo, Japan. **(Invited symposium speaker)**.
2008. **KIM, SANGTAE**, Matyas Buzgo, Douglas E. Soltis, Pamela S. Soltis. Molecular genetic insights into angiosperm flowers: focused on basal angiosperms. The 63th Annual Meeting of the Korean Association of Biological Sciences. Mokpo, Korea. **(Invited symposium speaker)**.
2007. **KIM, SANGTAE**, Matyas Buzgo<sup>2</sup>, Douglas E. Soltis<sup>2</sup>, Pamela S. The ABC model and its applicability to Basal angiosperms. Pre-Symposium of East Asian Society of Plant Taxonomists: Evo-Devo and Phylogenetics, Regional Floristic Studies. Choongbook University, Korea. **(Invited symposium speaker)**.
2005. **KIM, SANGTAE**, Jin Koh, Pamela S. Soltis, and Douglas E. Soltis. Floral organ identities and expression of MADS-box genes in Magnoliales. XVII International Botanical Congress. Vienna, Austria **(Invited symposium speaker)**.
2004. **KIM, SANGTAE**, Jin Koh, Günter Theißen, Pamela S. Soltis, and Douglas E. Soltis. Phylogeny of floral genes and their expression in basal angiosperms. Botany 2004: Annual meeting of the Botanical Society of America. Salt Lake City, UT **(Invited symposium speaker)**.
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Updated: July. 2022