



• Field 식물다양성
• Name Kim, Yeong-dong
• Title Professor

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Education background

- Bachelor of the Department of Botany, Seoul National University (Major in Botany)
- Master of the Department of Botany, Seoul National University Seoul National University (Major in plant taxonomy)
- Doctor of the Department of Botany, [University of Texas at Austin, the Graduate School (Major in plant molecular phylogeny)

Major careers

- Chief editor of the Korean Journal of plant taxonomy

Studies & Books

Studies & Books(Last 5 years)

- Banchiamlak N. Tefera, Young-Dong Kim (2019) Ethnobotanical study of medicinal plants in the Hawassa Zuria District, Sidama zone, Southern Ethiopia. *Journal of Ethnobiology and Ethnomedicine* 15:25.
- Soo-Rang Lee, John F. Gaskin, Young-Dong Kim (2019) Molecular diagnosis for a Tamarix species from two reclaimed lands along the Yellow Sea in Korea inferred from genome wide SNP markers. *Journal of Systematics and Evolution* 57: 247-255.
- Dae-Hyun Kang, Seong-Hyun Cho, Homervergel G. Ong, Shein Man Ling, Naing Oo Kyaw, Young-Dong Kim, Hubert Kurzweil (2019) Two new generic records in the orchid flora of Myanmar. *Korean Journal of Plant Taxonomy* 49: 96-99.
- Soo-Rang Lee, Han-Sol Park, Bo-Yun Kim, Jung-Hoon Lee, Qiang Fan, Young-Dong Kim (2019) An unexpected genetic diversity pattern and a complex demographic history of a rare medicinal herb, Chinese asparagus (*Asparagus cochinchinensis*) in Korea. *Scientific Reports* 9: 9757.
- Mi Yoon Chung, Nhan Thien Lu, Jordi Lopez-Pujol, Sonia Herrando-Moraira, Jae Min Chung, Huai Zhen Tian, Kenji Suetsugu, Takayuki Kawahara, Tomohisa Yukawa, Masayuki Maki, Pankaj Kumar, Young-Dong Kim and Myong Gi Chung (2018) Effect of historical factors on genetic variation in three terrestrial *Cephalanthera* species (Orchidaceae) with different breeding system on the Korean Peninsula. *Nordic Journal of Botany* 2018: e01862.
- Bo-Yun Kim, Soo-Rang Lee, Yong-In Kim, Dae-Hyun Kang, Young-Dong Kim (2018) Development and characterization of 30 microsatellite loci for *Plagiorhegma dubium* (Berberidaceae). *Applications in Plant Sciences* 6(12): e1200.
- Yong-In Kim, Seong-Hyun Cho, Jung-Hoon Lee, Dae-Hyun Kang, Jin Hee Park, Young-Dong Kim (2018) *Chrysosplenium ramosissimum* Y.I.Kim & Y.D.Kim (Saxifragaceae), a new species from Korea. *PhytoKeys* 111: 1-10.
- Homervergel G. Onga, Shein Man Ling, Thet Thet Mar Winc, Dae-Hyun Kanga, Jung-Hoon Leea, Young-Dong Kim (2018) Ethnomedicinal plants and traditional knowledge among three Chin indigenous groups in Natma Taung National Park (Myanmar). *Journal of Ethnopharmacology* 225: 136-158.
- Soo-Rang Lee, Bo-Yun Kim, Young-Dong Kim (2018) Genetic diagnosis of a rare myrmecochorous species, *Plagiorhegma dubium* (Berberidaceae): Historical genetic bottlenecks and strong spatial structures among populations. *Ecology and Evolution* 8: 8791-8802.
- Seo Hyun Kim, Sung Won Lee, Hyun Jung Park, Sang Hee Lee, Won Kyun Im, Young Dong Kim, Kyung Hee Kim, Sang Jae Park, Seokmann Hong, Sung Ho Jeon (2018) Anti-cancer activity of *Angelica gigas* by increasing immune response and stimulating natural killer and natural killer T cells. *BMC Complementary and Alternative Medicine* 18: 218.

- Dae-Hyun Kang, Naing Oo Kyaw, Eui-Kwon Jung, Jae-Seo Shin, Young-Dong Kim, Homervergel G. Ong (2018) New records of flowering plants for the flora of Myanmar collected from southern Shan State. *Korean Journal of Plant Taxonomy* 48: 218-229.
- Eui-Kwon Jung, Dae-Hyun Kang, Ki-Oug Yoo, Myounghai Kwak, Young-Dong Kim, Bo-Yun Kim (2018) Isolation and characterization of EST-SSR markers for *Astilboides tabularis* (Saxifragaceae), endangered species in Korea. *Korean Journal of Plant Taxonomy* 48: 195-200.
- Homervergel G. Ong, Shein Man Ling, Thet Thet Mar Win, Dae-Hyun Kang, Jung-Hoon Lee, Young-Dong Kim (2018) Ethnobotany of wild medicinal plants used by the Muun ethnic people: A quantitative survey in southern Chin state, Myanmar. *Journal of Herbal Medicine* 13: 91-96.
- Seong-Hyun Cho, Bo-Yun Kim, Han-Sol Park, Chhang Phourin, Young-Dong Kim (2017) *Impatiens bokorensis* (Balsaminaceae), a new species from Cambodia. *PhytoKeys* 77(1): 33-39.
- Bo-Yun Kim, Han-Sol Park, Soonok Kim, Young-Dong Kim (2017) Development of microsatellite markers for *Viscum coloratum* (Santalaceae) and their application to wild populations. *Applications in Plant Sciences* 5(1): 1600102.
- Homervergel G. Ong, Young-Dong Kim (2017) The role of wild edible plants in household food security among transitioning hunter-gatherers: evidence from the Philippines. *Food Security* 9(1): 11-24.
- Sang-Hun Oh, Jung-Won Youm, Yong-In Kim, Young-Dong Kim (2016) Phylogeny and Evolution of Endemic Species on Ulleungdo Island, Korea: The Case of *Fagus multinervis* (Fagaceae). *Systematic Botany* 41(3): 617-625.
- Seong-Hyun Cho, Jung-Hoon Lee, Dae-Hyun Kang, Bo-Yun Kim, Khin Myo Htwe, Anna Trias-Blasi, Young-Dong Kim (2016) *Cissus erecta* (Vitaceae), a new non-vinyherbaceous species from Mt. Popa, Myanmar. *Phytotaxa* 260(3): 291-295.
- Won Kyun Im, Hyun Jung Park, Kwang Soo Lee, Jung Hoon Lee, Young Dong Kim, Kyeong-Hee Kim, Sang-Jae Park, Seokmann Hong, Sung Ho Jeon (2016) Fisetin-Rich Extracts of *Rhus verniciflua* Stokes Improve Blood Flow Rates in Mice Fed Both Normal and High-Fat Diets. *Journal of Medicinal Food* 19(2): 120-126.
- 김영동 (2016) 생물의 분류에 대한 분자계통학적 접근. *학문연구의 동향과 쟁점* 5: 403-446.
- Yong-In Kim, Seong Hyun Cho, Bo-Yun Kim, Jung-Hoon Lee, Dae-Hyun Kang, Soonok Kim, Roman V. Doudkin, Young-Dong Kim (2015) A new combination for *Saxifraga octopetala* (Saxifragaceae) and its phylogenetic relationship. *Korean Journal of Plant Taxonomy* 45(4): 306-317.
- Jung-Hoon Lee, Kyunghee Kim, Na-Rae Kim, Sang-Choon Lee, Tae-Jin Yang, Young-Dong Kim (2015) The complete chloroplast genome of a medicinal plant *Epimedium koreanum* Nakai (Berberidaceae). *Mitochondria DNA* 27(6): 4342-4343.
- Na-Rae Kim, Kyunghee Kim, Sang-Choon Lee, Jung-Hoon Lee, Seong-Hyun Cho, Yeisoo Yu, Young-Dong Kim, Tae-Jin Yang (2015) The complete chloroplast genomes of two *Wisteria* species, *W. floribunda* and *W. sinensis* (Fabaceae). *Mitochondria DNA* 27(6): 4353-4354.
- Seong-Hyun Cho, Jung-Hoon Lee, Hyosig Won, Chhang Phourin, Young-Dong Kim (2015) *Sonerila bokorensis* (Melastomataceae), a new species from Cambodia. *Phytotaxa* 222(4): 295-299.
- Homervergel G. Ong, Jae-Min Chung, Hye-Ran Jeong, Young-Dong Kim, Kyung Choi, Chang-Ho Shin, You-Mi Lee (2015) Ethnobotany of the wild edible plants gathered in Ulleung Island, South Korea. *Genetic Resources and Crop Evolution* 63(3): 409-427.
- Kyunghee Kim, Sang-Choon Lee, Junki Lee, Yeisoo Yu, Kiwoung Yang, Beom-Soon Choi, Hee-Jong Koh, Nomar Espinosa Waminal, Hong-Il Choi, Nam-Hoon Kim, Woojong Jang, Hyun-Seung Park, Jonghoon Lee, Hyun Oh Lee, Ho Jun Joh, Hyeon Ju Lee, Jee Young Park, Sampath Perumal, Murukarthick Jayakodi, Yun Sun Lee, Backki Kim, Dario Copetti, Soonok Kim, Sunggil Kim, Ki-Byung Lim, Young-Dong Kim, Jungho Lee, Kwang-Su Cho, Beom-Seok Park, Rod A. Wing, Tae-Jin Yang (2015) Complete chloroplast and ribosomal sequences for 30 accessions elucidate evolution of *Oryza* AA genome species. *Scientific Reports* 5: 8.
- Mila Jung, Janggyoo Choi, Hee-Sung Chae, Jae Youl Cho, Young-Dong Kim, Khin Myo Htwe, Woo-Shin Lee, Young-Won Chin, Jinwoong Kim, Kee Dong Yoon (2015) Flavonoids from *Symplocos racemosa*. *Molecules* 20: 358-365.
- Homervergel G. Ong, Young-Dong Kim (2015) Herbal Therapies and Social-Health Policies: Indigenous Ati Negrito Women's Dilemma and Reproductive Healthcare Transitions in the Philippines. *Evidence-Based Complementary and Alternative Medicine* 2015: 491209.
- Janggyoo Choi, Jae Youl Cho, Soo Jung Choi, Heejin Jeon, Young Dong Kim, Khin Myo Htwe, Young Won Chin, Woo Shin Lee, Jinwoong Kim, Kee Dong Yoon (2015) Two New Phenolic Glucosides from *Lagerstroemia speciosa*. *Molecules* 20: 4483-4491.
- Yong-In Kim and Young-Dong Kim (2014) *Chrysosplenium aureobracteatum* (Saxifragaceae), a New Species from South Korea. *NOVON* 23(4): 432-436.
- Homervergel G. Ong, Young-Dong Kim (2014) Quantitative ethnobotanical study of the medicinal plants used by the Ati Negrito indigenous group in Guimaras Island, Philippines. *Journal of Ethnopharmacology* 157: 228-242.
- Eunji Kim, Kee Dong Yoon, Woo-Shin Lee, Woo Seok Yang, Shi Hyoung Kim, Nak Yoon Sung, Kwang-Soo Baek, Yong Kim, Khin Myo Htwe, Young-Dong Kim, Sungyoul Hong, Jong-Hoon Kim, Jae Youl Cho (2014) Syk/Src-targeted anti-inflammatory activity of *Codariocalyx motorius* ethanolic extract. *Journal of Ethnopharmacology* 155: 185-193.
- Hyunchur Shin, Sang-Hun Oh, Yongseok Lim, Chang-Woo Hyun, Seong-Hyun Cho, Yong-In Kim, Young-Dong Kim (2014) Molecular Evidence for Hybrid Origin of *Aster chusanensis*, an Endemic Species of Ulleungdo, Korea. *Journal of Plant Biology* 57: 174-185.

I Others

- Phylogenetic classification and discovery of new species by analyzing plant's genetic information.
- Movements of Korean major plants by using molecular markers
- Plants in Korea and Southeast Asia (Cambodia and Myanmar)
- Population genetic studies for conserving rare plants
- An analysis on medicinal and esculent plants in East Asia