

Yu Ito

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[Homepage](#); [Google Scholar Citations](#); [ResearchGate](#); [Academia.edu](#)

SPOKEN LANGUAGES: English (good), Japanese (native)

EDUCATION

- Ph.D. (Botany): *The University of Tokyo* Tokyo, Japan. September 2010.
- M.Sc. (Biology): *Chiba University* Chiba, Japan. March 2006.
- B.Sc. (Horticulture): *Chiba University* Chiba, Japan. March 2004.

HONORS AND DISTINCTIONS

- Young Scientist Award – *Japanese Society for Plant Systematics* (Japan) Mar. 2017.
- Postdoctoral Fellowship – *Smuts Memorial Botanical Fellowship* (South Africa) Feb. 2015. (declined to take position in China)
- Postdoctoral Fellowship – *Chinese Academy of Sciences President's International Fellowship Initiative (PIFI)* (China) Feb. 2015.
- Postdoctoral Fellowship – *Government of Canada Post Doctoral Research Fellowships (PDRF)* (Canada) Apr. 2012. (declined to take position in NZ)
- Postdoctoral Fellowship – *Scandinavia Nippon Sasakawa Foundation* (Sweden) Feb. 2012. ([link](#))
- Postdoctoral Fellowship – *JSPS RSNZ Bilateral Programs* (Japan/NZ) Jan. 2012. ([link](#))
- Postdoctoral Fellowship – *Yamada Science Foundation* (Japan) Mar. 2011. ([link](#))
- Postdoctoral Fellowship – *Hungarian Scholarship board* (Hungary) Jul. 2010. ([link](#))
- Young Scientist Award – *European Weed Research Society* (EU) Aug. 2009. ([link](#))

POSITIONS

- Postdoc: *Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences* (China) Jun. 2015–May. 2017.
- Postdoc: *Univ. Canterbury, Sch. Biological sciences* (NZ) Jan. 2013–Dec. 2014. ([link](#))
- Postdoc: *Aarhus Univ., Dept. Bioscience* (Denmark) Oct. 2012–Dec. 2012. ([link](#))
- Postdoc: *Univ. Saskatchewan, Dept. Biology* (Canada) Oct. 2011–Sep. 2012. ([link](#))
- Postdoc: *Univ. West Hungary, Dept. Forestry* (Hungary) Oct. 2010–Sep. 2011. ([link](#))

PEER REVIEWED PUBLICATIONS (1ST-AUTHORED PAPERS: **24**; CO-AUTHORED PAPERS: **3**)

1. Ito et al. (2017) Evolutionary distinctiveness and conservation priority of the endangered *Najas ancistrocarpa* (Hydrocharitaceae). *Systematics and Biodiversity*
2. Ito et al. (2017) From terrestrial to aquatic habitats and back again — Molecular insights into the evolution and phylogeny of *Callitriche* (Plantaginaceae). *Botanical Journal of the Linnean Society* 184: 46–58. (doi: [10.1093/botlinnean/box012](https://doi.org/10.1093/botlinnean/box012))
3. Ito et al. (2017) Phylogeny of *Najas* (Hydrocharitaceae) revisited: implications for systematics and evolution. *Taxon* 66: 309–323. (doi: [10.12705/662.2](https://doi.org/10.12705/662.2))
4. Ito et al. (2017) Towards a better understanding of the *Ruppia maritima* complex (Ruppiaceae): notes on the correct application and typification of the names *R. cirrhosa* and *R. spiralis*. *Taxon* 66: 167–171. (doi: [10.12705/661.11](https://doi.org/10.12705/661.11))
5. Ito et al. (2017) Molecular phylogeny of the cosmopolitan aquatic plant genus *Limosella* (Scrophulariaceae) with a particular focus on the origin of the Australasian *L. curdieana*. *J. Plant Res.* 130: 107–116. (doi: [10.1007/s10265-016-0872-6](https://doi.org/10.1007/s10265-016-0872-6))
6. Ito (2016) Taxonomic notes on the genus *Najas* (Hydrocharitaceae) in Thailand: addition of *N. major* and exclusion of *N. minor*. *Thai Forest Bull.* 44: 104–107. (doi: [10.20531/tfb.2016.44.2.03](https://doi.org/10.20531/tfb.2016.44.2.03))
7. Ito et al. (2016) Phylogeny of *Potamogeton* (Potamogetonaceae) revisited: implications for hybridization and introgression in Argentina. *Bull. Natl. Mus. Nat. Sci., Ser. B.* 42: 131–141.
8. Yano et al. (2016) Molecular evidence for a natural hybrid between *Isolepis crassiuscula* and *Isolepis lenticularis* (Cyperaceae) in New Zealand. *New Zealand J. Bot.* 54: 433–445. (doi: [10.1080/0028825X.2016.1205106](https://doi.org/10.1080/0028825X.2016.1205106))
9. Ito et al. (2016) A new delimitation of the Afro-Eurasian plant genus *Althenia* to include its Australasian relative, *Lepilaena* (Potamogetonaceae) – evidence from DNA and morphological data. *Mol. Phylogenet. Evol.* 98: 261–270. (doi: [10.1016/j.ympev.2016.02.008](https://doi.org/10.1016/j.ympev.2016.02.008))
10. Ito et al. (2016) Phylogeny of *Isolepis* (Cyperaceae) revisited: Non-monophyletic nature of *I. fluitans* sensu lato and resurrection of *I. lenticularis*. *Plant Syst. Evol.* 302: 231–238. (doi: [10.1007/s00606-015-1253-7](https://doi.org/10.1007/s00606-015-1253-7))
11. Ito et al. (2016) Phylogeny of *Sparganium* (Typhaceae) revisited: Non-monophyletic nature of *S. emersum* sensu lato and resurrection of *S. acaule*. *Plant Syst. Evol.* 302: 129–135. (doi: [10.1007/s00606-015-1245-7](https://doi.org/10.1007/s00606-015-1245-7))
12. Ito et al. (2015) Phylogeny of *Ruppia* (Ruppiaceae) revisited: Molecular and morphological evidence for a new species from Western Cape, South Africa. *Syst. Bot.* 40: 942–949. (doi: [10.1600/036364415X689988](https://doi.org/10.1600/036364415X689988))
13. Ito & Tanaka (2014) Chromosome studies in the aquatic monocots of Myanmar: A brief review with additional records. *Biodiv. Data J.* 2: e1069. (doi: [10.3897/BDJ.2.e1069](https://doi.org/10.3897/BDJ.2.e1069))
14. Ito et al. (2014) *Ruppia megacarpa* (Ruppiaceae): a new species to the floras of Japan, Korea,

- and Russia. *Botanica Pacifica* 3: 49–52. (doi: [10.17581/bp.2014.03105](https://doi.org/10.17581/bp.2014.03105))
15. Ito et al. (2014) DNA barcoding reveals a new record of *Potamogeton distinctus* and its hybrids, *P. distinctus* x *P. nodosus* and *P. distinctus* x *P. wrightii* (*P. x malainoides*) from Myanmar. *Biodiv. Data J.* 2: e1073. (doi: [10.3897/BDJ.2.e1073](https://doi.org/10.3897/BDJ.2.e1073))
 16. Ito & Cota-Sanchez (2014) Distribution and conservation status of *Sparganium* (Typhaceae) in the Canadian Prairie Provinces. *Great Plains Res.* 24: 119–125. (doi: [10.1353/gpr.2014.0019](https://doi.org/10.1353/gpr.2014.0019))
 17. Ito & Barfod (2014) An updated checklist of aquatic plants of Myanmar and Thailand. *Biodiv. Data J.* 2: e1019. (doi: [10.3897/BDJ.2.e1019](https://doi.org/10.3897/BDJ.2.e1019))
 18. Ito et al. (2014) New or noteworthy plant collections from Myanmar (8) *Blyxa aubertii* var. *echinosperma*, *Lemna trisulca*, and *Najas tenuis*. *Acta Phytotax. Geobot.* 65: 53–61.
 19. Ito (2013) New records of aquatic plants for the flora of Thailand: *Nechamandra alternifolia* and *Potamogeton octandrus*. *Thai Forest Bull.* 41: 140–144. ([link](#))
 20. Ito et al. (2013) Comprehensive phylogenetic analyses of the *Ruppia maritima* complex focusing on taxa from the Mediterranean. *J. Plant Res.* 126: 753–762. (doi: [10.1007/s10265-013-0570-6](https://doi.org/10.1007/s10265-013-0570-6))
 21. Ito & Tanaka (2013) Additional *Potamogeton* hybrids from China: Evidence from a comparison of chloroplast *trnT-trnF* and nuclear ITS phylogenies. *Acta Phytotax. Geobot.* 64: 1–14. ([link](#))
 22. Ito & Tanaka (2011) Hybridization of a tropical seagrass genus, *Halodule* (Cymodoceaceae), inferred from plastid and nuclear DNA phylogenies. *Telopea* 13: 219–231. ([link](#))
 23. Ito et al. (2010) Hybridization and polyploidy of an aquatic plant, *Ruppia* (Ruppiaceae), inferred from plastid and nuclear DNA phylogenies. *Am. J. Bot.* 97: 1156–1167. (doi: [10.3732/ajb.0900168](https://doi.org/10.3732/ajb.0900168)) ([Featured](#))
 24. Ito et al. (2009) New or noteworthy plant collections from Myanmar (3) *Caldesia parnassifolia*, *Nechamandra alternifolia*, *Potamogeton maackianus* and *P. octandrus*. *J. Jpn. Bot.* 84: 321–329.
 25. Ito et al. (2007) Inferring the origin of *Potamogeton xinbaensis* (Potamogetonaceae) using nuclear and chloroplast DNA sequences. *J. Jpn. Bot.* 82: 20–28.
 26. Tanaka et al. (2007) Chromosome numbers of *Zannichellia* (Zannichelliaceae) in Japan. *Bull. Natl. Mus. Nat. Sci., Ser. B.* 33: 133–136.
 27. Tanaka et al. (2006) Distribution and new Localities of *Zannichellia palustris* L. (Zannichelliaceae) in Japan. *Ann. Tsukuba Bot. Gard.* 25: 1–6.

BOOK CHAPTERS (1ST-AUTHORED PAPERS: 3)

28. Ito (2015) Ruppiaceae. In: Ohashi et al. (eds.) *Wild Flowers of Japan* 1: 135–136. (IN JAPANESE)
29. Ito & Tanaka (2015) Potamogetonaceae. In: Ohashi et al. (eds.) *Wild Flowers of Japan* 1: 130–134. (IN JAPANESE)
30. Ito (2014) Ruppiaceae. In: Santisuk & Larsen (eds.) *Flora of Thailand* 11: 608–609. (IN ENGLISH)

MISCELLANEOUS PUBLICATIONS (1ST-AUTHORED PAPERS: 7; CO-AUTHORED PAPERS: 1)

31. Yano et al. (2016) Chromosome numbers of four aquatic plant species from Okayama Prefectural Nature Conservation Center, Western Japan. *Bull. Okayama Pref. Nat. Conserv. Center* 23: 13–18.
32. Ito (2013) Aquatic plant surveys in southwestern India. *Bull. Water Plant Soc. Jpn.* 100: 64–68.
33. Ito (2013) Aquatic plant surveys in Asia, Australia, Europe, and N. America. *Bunrui* 13: 47–60. ([link](#))
34. Ito (2012) Aquatic plant surveys in the eastern and central parts of North America. *Bull. Water Plant Soc. Jpn.* 98: 51–56.
35. Ito (2012) Aquatic plant surveys in northern Europe. *Bull. Water Plant Soc. Jpn.* 98: 45–50.
36. Ito (2012) Aquatic plant surveys in the Mediterranean. *Bull. Water Plant Soc. Jpn.* 97: 38–42.
37. Ito & Skriptsova (2008) Aquatic plant research in Russian Far-East. *Bull. Water Plant Soc. Jpn.* 89: 34–42.
38. Ito et al. (2007). A brief survey of Korean Aquatic Plants. *Bull. Water Plant Soc. Jpn.* 87: 19–28.

INVITED LECTURES (INTERNATIONAL)

- Hydrobotany2015: *Borok, Russia*. Oct. 2015.
- Lab. Seminar: *Christchurch, New Zealand*. Nov. 2013. ([PDF](#))
- Lab. Seminar: *Vienna, Austria*. May 2011.
- Lab. Seminar. *Kassel, Germany*. Nov. 2010.

1ST-AUTHORED INT'L CONFERENCE PAPERS/PRESENTATIONS (ORAL: 15; POSTER: 5)

- 17th Flora of Thailand meeting: *Krabi, Thailand*. Aug. 2017.
- 19th IBC: *Shenzhen, China*. Jul. 2017.
- ATBC Asia-Pacific Chapter meeting 2017: *Xishuangbanna, China*. Mar. 2017. (Oral, B1.4)
- 1st XTBG conference: *Xishuangbanna, China*. Dec. 2016. (Oral, Y-24)
- 38th ASBS: *Alice Springs, Australia*. Sep. 2016. (Oral, 8-36)
- Botanical Research in Tropical Asia: *Vientiane, Laos*. Dec. 2015. (Oral, No. 78658)
- Japan – Brazil bilateral workshop: *Sao Paulo, Brazil*. Feb. 2015. (Poster)
- 36th ASBS: *Palmerston North, New Zealand*. Nov. 2014. (Oral, Abstract P. 34)
- 36th ASBS: *Palmerston North, New Zealand*. Nov. 2014. (Poster, Abstract P. 42)
- Macrophyte2014: *Wuhan, China*. Oct. 2014. (Oral, Abstract P. 51)
- 13rd JSPS: *Kumamoto, Japan*. Mar. 2014. (Oral, 1p02)
- 5th Monocots: *New York, USA*. Jul. 2013. (Oral, Abstract P. 59) ([link](#))
- 5th Monocots: *New York, USA*. Jul. 2013. (Oral, Abstract P. 58) ([link](#))
- 5th Monocots: *New York, USA*. Jul. 2013. (Poster, No. 51) ([link](#))
- 12th JSPS: *Chiba, Japan*. Mar. 2013. (Oral, 1a03)
- 63rd Botany: *Columbus, USA*. Jul. 2012. (Oral, No. 300) ([link](#))
- 11th JSPS: *Osaka, Japan*. Mar. 2012. (Oral, O-14)
- 3rd EAPDC: *Seoul, S. Korea*. Aug. 2010. (Invited Speaker, S912)

- 12th EWRS: *Jyväskylä, Finland*. Aug. 2009. (Poster, No. 27)
- 8th ISBW. *Vancouver, Canada*. Sep. 2008 (Oral, Abstract P. 42) ([link](#))
- 4th Monocots: *Copenhagen, Denmark*. Aug. 2008. (Oral, Abstract P. 31) ([link](#))
- 17th IAAT: *Kolhapur, India*. Nov. 2007. (Oral, O2.13)
- 17th IBC: *Vienna, Austria*. Jul. 2005. (Poster, P2345)

学会発表(国内) (ORAL: 3; POSTER: 4)

- ~~日本植物分類学会第16回大会(京都) 2017年3月(口頭 H-4)~~
- 日本植物分類学会第8回大会(仙台) 2009年3月(口頭 L-11)
- 日本植物分類学会第7回大会(八王子) 2008年3月(ポスター P11)
- 日本植物学会第71回大会(野田) 2007年9月(口頭 1p105).
- 日本植物学会第70回大会(熊本) 2006年9月(ポスター P1-90).
- 日本植物分類学会第7回大会(沖縄) 2006年3月(ポスター P13A).
- 水草研究会第27回大会(鳥取) 2005年8月(口頭 O-1).
- 日本植物学会第70回大会(熊本) 2004年9月(ポスター P004d).

AFFILIATION TO PROFESSIONAL SOCIETIES

- Member: *Water Plant Society, Japan* (since 2004)
- Member: *Japanese Society for Plant Systematics* (since 2005). ([link](#))
- Member: *Society of Evolutionary Studies, Japan* (since 2005).
- Member: *The Botanical Society of America* (since 2010). ([link](#))
- Member: *Australasian Systematic Botany Society* (since 2014). ([link](#))
- Member: *The International Biogeography Society* (since 2014). ([link](#))

ACADEMIC SERVICES (PAPER REVIEW: 16)

- Subject Editor [*Biodiv. Data J.* since 2014 ([link](#)) | *Phytokeys* since 2014 ([link](#))]
- Reviewer [*Telopea* 2009 ([link](#)) | *Weed Res.* 2012, 2014 ([link](#)) | *J. Plant Res.* 2013, 2015, 2016, 2017 ([link](#)) | *PLoS ONE* 2014, 2015 ([link](#)) | *APG* 2014 ([link](#)) | *Polar Biol.* 2014 ([link](#)) | *Phytotaxa* 2014, 2017 ([link](#)) | *Biodiv. Data J.* 2015 ([link](#)) | *Aquat. Bot.* 2015, 2016 (twice) ([link](#)) | *Acta Soc. Bot. Pol.* 2015 ([link](#)) | *Bot. Mar.* 2016 ([link](#))]
- Session Organizer [Ann. Biol. Conference: *Christchurch, New Zealand*. 2013 ([link](#)) | ATBC Asia-Pacific chapter meeting “A6. Freshwater ecology”: *Xishuangbanna, China*. 2017]
- Scientific committee [Hydrobotany2015: *Borok, Russia*. 2015 ([link](#))]