

Peter Schönswetter – Complete List of Publications

A1) Peer-Reviewed Journal Articles

1. Schönswetter, P., Tribsch, A., Barfuss, M., & Niklfeld, H. (2002). Several Pleistocene refugia detected in the high alpine plant *Phyteuma globulariifolium* in the European Alps. *Molecular Ecology*, 11, 2637–2647.
2. Tribsch, A., Schönswetter, P., & Stuessy, T.F. (2002). *Saponaria pumila* (Caryophyllaceae) and the ice-age in the Eastern Alps. *American Journal of Botany*, 89, 2024–2033.
3. Schönswetter, P., Paun, O., Tribsch, A., & Niklfeld, H. (2003). Out of the Alps: Colonisation of the Arctic by East Alpine populations of *Ranunculus glacialis* (Ranunculaceae). *Molecular Ecology*, 12, 3371–3381.
4. Schönswetter, P., Tribsch, A., & Niklfeld, H. (2003). Phylogeography of the high alpine cushion-plant *Androsace alpina* (Primulaceae) in the European Alps. *Plant Biology*, 5, 623–630.
5. Schönswetter, P., Tribsch, A., Schneeweiss, G.M., & Niklfeld, H. (2003). Disjunctions in relict alpine plants: phylogeography of *Androsace brevis* and *A. wulfeniana* (Primulaceae). *Botanical Journal of the Linnean Society*, 141, 437–446.
6. Tribsch, A., & Schönswetter, P. (2003). Patterns of endemism and comparative phylogeography confirm palaeo-environmental evidence for Pleistocene refugia in the Eastern Alps. *Taxon*, 52, 477–497.
7. Schneeweiss, G.M., Schönswetter, P., Kelso, S., & Niklfeld, H. (2004). Complex biogeographic patterns in *Androsace* (Primulaceae) and related genera: evidence from phylogenetic analyses of nuclear ITS and plastid *trnL-F* sequences. *Systematic Biology*, 53, 856–876.
8. Schönswetter, P., Tribsch, A., & Niklfeld, H. (2004). Amplified Fragment Length Polymorphism (AFLP) reveals no genetic divergence of the Eastern Alpine endemic *Oxytropis campestris* subsp. *tirolensis* (Fabaceae) from widespread subsp. *campestris*. *Plant Systematics and Evolution*, 244, 245–255.
9. Schönswetter, P., Tribsch, A., & Niklfeld, H. (2004). Amplified Fragment Length Polymorphism (AFLP) suggests old and recent immigration into the Alps by the arctic-alpine annual *Comastoma tenellum* (Gentianaceae). *Journal of Biogeography*, 31, 1673–1681.
10. Schönswetter, P., Tribsch, A., Stehlik, I., & Niklfeld, H. (2004). Glacial history of high alpine *Ranunculus glacialis* (Ranunculaceae) in the European Alps in a comparative phylogeographical context. *Biological Journal of the Linnean Society*, 81, 183–195.
11. Schönswetter, P., Stehlik, I., Holderegger, R., & Tribsch, A. (2005). Molecular evidence for glacial refugia of mountain plants in the European Alps. *Molecular Ecology*, 14, 3547–3555.
12. Schönswetter, P., & Tribsch, A. (2005). Vicariance and dispersal in the alpine perennial, *Bupleurum stellatum* L. (Apiaceae). *Taxon*, 54, 725–732.
13. Albach, D.C., Schönswetter, P., & Tribsch, A. (2006). Comparative phylogeography of closely related species of the *Veronica alpina* complex in Europe and North America. *Molecular Ecology*, 15, 3269–3286.
14. Raffl, C., Schönswetter, P., & Erschbamer, B. (2006). “Sax-sess” – Genetics of primary succession in a pioneer species on two parallel glacier forelands. *Molecular Ecology*, 15, 2433–2440. [Times Cited: 9; Impact Factor of the Journal: 5.169]
15. Rubio de Casas, R., Besnard, G., Schönswetter, P., Balaguer, L., & Vargas, P. (2006). Extensive gene flow blurs phylogeographic but not phylogenetic signal in *Olea europaea* L. *Theoretical and Applied Genetics*, 113, 575–583.
16. Schönswetter, P., Popp, M. & Brochmann, C. (2006). Central Asian origin of and strong genetic differentiation among populations of the rare and disjunct *Carex atrofusca* (Cyperaceae) in the Alps.

17. Schönswetter, P., Popp, M., & Brochmann, C. (2006). Rare arctic-alpine plants of the European Alps have different immigration histories: the snowbed species *Minuartia biflora* and *Ranunculus pygmaeus*. *Molecular Ecology*, 15, 709–720.
18. Dixon, C.J., Schönswetter, P., & Schneeweiss, G.M. (2007). Traces of ancient range shifts in a mountain plant group (*Androsace halleri* complex, Primulaceae). *Molecular Ecology*, 16, 3890–3901.
19. Ehrich, D., Gaudeul, M., Assefa, A., Koch, M. A., Mummenhof, K., Nemomissa, S., Intrabiodiv-Consortium¹, & Brochmann, C. (2007) Genetic consequences of Pleistocene range shifts: Contrast between the Arctic, the Alps and the East African mountains. *Molecular Ecology*, 16, 2542–2559.
20. Manel, S., Berthoud, F., Bellemain, E., Gaudeul, M., Luikart, G., Swenson, J. E., Waits, L. P., Taberlet, P., & Intrabiodiv-Consortium (2007) A new individual-based spatial approach for identifying genetic discontinuities in natural populations. *Molecular Ecology*, 16, 2031–2043.
21. Schönswetter, P., Suda, J., Popp, M., Weiss-Schneeweiss, H., & Brochmann, C. (2007). Circumpolar phylogeography of *Juncus biglumis* (Juncaceae) inferred from AFLP fingerprints, cpDNA sequences, nuclear DNA content and chromosome numbers. *Molecular Phylogenetics and Evolution*, 42, 92–103.
22. Schönswetter, P., Lachmayer, M., Lettner, C., Prehlsler, D., Rechnitzer, S., Reich, D.S., Sonnleitner, M., Wagner, I., Hülber, K., Schneeweiss, G.M., Trávníček, P., & Suda, J. (2007). Sympatric diploid and hexaploid cytotypes of Eastern Alpine *Senecio carniolicus* (Asteraceae) are separated along an altitudinal gradient. *Journal of Plant Research*, 120, 721–725.
23. Suda, J., Weiss-Schneeweiss, H., Tribsch, A., Schneeweiss, G., Trávníček, P. & Schönswetter, P. (2007). Complex distribution patterns of di-, tetra- and hexaploid cytotypes in the European high mountain plant *Senecio carniolicus* Willd. (Asteraceae). *American Journal of Botany*, 94, 1391–1401.
24. Dixon, C.J., Schönswetter, P., & Schneeweiss, G.M. (2008). Morphological and geographical evidence are misleading with respect to the phylogenetic position and origin of the narrow endemic polyploid *Androsace cantabrica* (Primulaceae). *Systematic Botany*, 33, 384–389.
25. Schönswetter, P., Elven, R., & Brochmann, C. (2008). Trans-Atlantic dispersal and large-scale lack of genetic structure in the circumpolar, arctic-alpine sedge *Carex bigelowii* s. lat. (Cyperaceae). *American Journal of Botany*, 95, 1006–1014.
26. Terrab, A., Schönswetter, P., Talavera, S., Vela E., & Stuessy, T.F. (2008). Rangewide phylogeography of *Juniperus thurifera* L., a presumptive keystone species of late glacial/early postglacial Western Mediterranean vegetation. *Molecular Phylogenetics and Evolution*, 48, 94–102.
27. Frajman, B., & Schönswetter, P. (2008). Notes on some rare *Orobanche* and *Phelipanche* species (Orobanchaceae) in Croatia. *Acta Botanica Croatica*, 67, 103–107.
28. Paun, O., Schönswetter, P., Winkler, M., Tribsch, A., & IntraBioDiv Consortium. (2008) Evolutionary history of the *Ranunculus alpestris* group (Ranunculaceae) in the European Alps and the Carpathians. *Molecular Ecology*, 17, 4263–4275.
29. Escobar García, P., Schönswetter, P., Fuertes Aguilar, J., Nieto Feliner, G., & Schneeweiss, G.M. (2009) Five molecular markers reveal extensive morphological homoplasy and reticulate evolution in the *Malva* alliance (Malvaceae). *Molecular Phylogenetics and Evolution*, 50, 226–239.
30. Schönswetter, P., & Schneeweiss, G.M. (2009) *Androsace komovensis* sp. nov., a long mistaken local endemic from the southern Balkan Peninsula with biogeographic links to the Eastern Alps. *Taxon*, 58, 544–549.
31. Dixon, C.J., Schönswetter, P., Suda, J., Wiedermann, M., & Schneeweiss, G.M. (2009) Reciprocal Pleistocene origin and postglacial range formation of an allopolyploid and its sympatric ancestors (*Androsace adfinis* group, Primulaceae). *Molecular Phylogenetics and Evolution*, 50, 74–83.

¹ I am member of the Intrabiodiv-Consortium

32. Csergő, A.-M., Schönswetter, P., Mara, G., Deák, T., Boşcaiu, N., & Höhn, M. (2009) Genetic structure of peripheral, island-like populations: a case study from *Saponaria bellidifolia* Sm. (Caryophyllaceae) in the Romanian Carpathians. *Plant Systematics and Evolution*, 278, 33–41.
33. Álvarez, N., Thiel-Egenter, C., Tribsch, A., Holderegger, R., Manel, S., Schönswetter, P., Taberlet, P., Brodbeck, S., Gaudeul, M., Gielly, L., Küpfer, P., Mansion G., Negrini R., Paun, O., Pellicchia, M., Rioux, D., Schüpfer, F., van Loo, M., Winkler, M., Gugerli, F. & IntraBioDiv Consortium. 2009. History or ecology? Substrate type as a major driver of spatial genetic structure in Alpine plants. *Ecology Letters*, 12, 632–640.
34. Dixon, C., Schönswetter, P., Vargas, P., Ertl, S., & Schneeweiss, G. 2009. Bayesian hypothesis testing supports long-distance Pleistocene migrations in a European high mountain plant (*Androsace vitaliana*, Primulaceae). *Molecular Phylogenetics and Evolution*, 53, 580–591.
35. Thiel-Egenter, C., Gugerli, Alvarez, N., Brodbeck, S., Cieślak, S., Colli, L., Englisch, T., Gaudeul, M., Gielly, L., Korbecka, G., Negrini, R., Paun, O., Pellicchia, M., Rioux, D., Ronikier, M., Schönswetter, P., Schüpfer, F., Taberlet, P., Tribsch, A., van Loo, M., Winkler, M., Holderegger, R., & IntraBioDiv Consortium. 2009. Effects of species traits on the genetic diversity of high-mountain plants: a multi-species study across the Alps and the Carpathians. *Global Ecology and Biogeography*, 18, 78–87.
36. Hülber, K., Sonnleitner, M., Flatscher, R., Berger, A., Dobrovsky, R., Niessner, S., Nigl, T., Schneeweiss, G.M., Kubešová, M., Rauchová, J., Suda, J., & Schönswetter, P. (2009) Ecological segregation drives fine scale cytotype distribution of *Senecio carniolicus* (Asteraceae) in the Eastern Alps. *Preslia*, 81, 309–319.
37. Schönswetter, P., Solstad, H., Escobar García, P., & Elven, R. (2009) A combined molecular and morphological approach to the taxonomically intricate European mountain plant *Papaver alpinum* s.l. (Papaveraceae). *Taxa or informal phylogeographical groups?* *Taxon*, 17, 1326–1343.
38. Winkler, M., Tribsch, A., Paun, O., Englisch, T., IntraBioDiv-Consortium & Schönswetter, P. (2010) Evolutionary history of *Hornungia alpina* (Brassicaceae) in the Alps: phylogeography, breeding system, taxonomy. *Molecular Phylogenetics and Evolution*, 54, 571–582.
39. Rebernig, C., Weiss-Schneeweiss, H., Schneeweiss, G.M., Schönswetter, P., Obermayer, R., Villaseñor, J., & Stuessy, T. (2010) Phylogeography and polyploid evolution of *Melampodium cinereum* (Asteraceae) in the semi-arid brushlands of the southern United States and adjacent Mexico. *Molecular Phylogenetics and Evolution*, 54, 494–606.
40. Schönswetter, P., & Schneeweiss, G.M. (2010) Late-Pleistocene range fragmentation and postglacial distributional stasis determined range formation of the widely but disjunctly distributed European mountain plant *Androsace lactea* L. (Primulaceae). *Journal of Biogeography*, 37, 2016–2025.
41. Rebernig, C., Schneeweiss, G.M., Bardy, K., Schönswetter, P., Villaseñor, J., Obermayer, R., Stuessy, T. & Weiss-Schneeweiss, H. (2010) Multiple Pleistocene refugia and Holocene range expansion of an abundant southwestern American desert species (*Melampodium leucanthum*, Asteraceae). *Molecular Ecology*, 19, 3421–3443.
42. Bardy, K., Albach, D. C., Schneeweiss, G. M., Fischer, M. A., & Schönswetter, P. (2010) Disentangling phylogeography, polyploid evolution and taxonomy of a woodland herb (*Veronica chamaedrys* group, Plantaginaceae) in southeastern Europe. *Molecular Phylogenetics and Evolution*, 57, 771–786.
43. Sonnleitner, M., Flatscher, R., Escobar García, P., Rauchová, J., Suda, J., Schneeweiss, G. M., Hülber, K., & Schönswetter, P. (2010) Cytotype distribution, inter-cytotype hybrids and habitat segregation in the polyploid complex of *Senecio carniolicus* (Asteraceae) in the Eastern Alps. *Annals of Botany*, 106, 967–977.
44. Thiel-Egenter, C., Alvarez, N., Holderegger, R., Tribsch, A., Englisch, T., Wohlgemuth, T., Colli, L., Gaudeul, M., Gielly, L., Jogan, N., Linder, H.P., Negrini, R., Niklfeld, H., Pellicchia, M., Rioux, D., Schönswetter, P., Taberlet, P., Van Loo, M., Winkler, M., IntraBioDiv Consortium, & Gugerli, F. (2011) Break zones in the distributions of alleles and species in alpine plants. *Journal of Biogeography*, 38, 772–782.

45. Bardy, K., Schönswetter, P., Schneeweiss, Fischer, M. A., & G. M., Albach, D. C. (2011) Extensive gene flow blurs species boundaries among *Veronica barbelieri*, *V. orchidea* and *V. spicata* (Plantaginaceae) in southeastern Europe. *Taxon*, 60, 108–121.
46. Schneeweiss, G.M. & Schönswetter, P. (2011) A re-appraisal of nunatak survival in arctic-alpine phylogeography. *Molecular Ecology*, 20, 190–192.
47. Hilpold, A., Schönswetter, P., Susanna, A., Garcia-Jacas, N., & Vilatersana, R. (2011) Diversification of the central Mediterranean *Centaurea cineraria* group (Asteraceae): evidence for relatively recent, allopatric speciation following trans-oceanic dispersal. *Taxon*, 60, 528–538.
48. Surina, B., Schönswetter, P., & Schneeweiss, G.M. (2011) Quaternary range dynamics of ecologically contrasting species (*Edraianthus serpyllifolius* and *E. tenuifolius*, Campanulaceae) within the Balkan refugium. *Journal of Biogeography*, 38, 1381–1393.
49. Pachschröll, C., Puşcaş, M., & Schönswetter, P. (2011) Distribution of *Doronicum clusii* and *D. stiriaticum* (Asteraceae) in the Alps and Carpathians. *Biologia (Bratislava)*, 66, 977–987.
50. Frajman, B. & Schönswetter, P. (2011) Giants and dwarfs: molecular phylogenies reveal multiple origins of annual spurges within *Euphorbia* subg. *Esula*. *Molecular Phylogenetics and Evolution*, 61, 413–424.
51. Alsos, I. G. Ehrich, D., Thuiller, W., Eidesen, P. B., Tribsch, A. Schönswetter, P., Lagaye, C., Taberlet, P., & Brochmann, C. (in press) Genetic consequences of climate change for northern plants. *Proceedings of the Royal Academy of Sciences B*.
52. Escobar García, P., Winkler, M., Flatscher, R., Sonnleitner, M., Rauchová, J., Suda, J., Hülber, K., Schneeweiss, G. M., & Schönswetter, P. (in press) Long-term range persistence in peripheral and interior refugia characterize Pleistocene range dynamics in a widespread Alpine plant species (*Senecio carniolicus*, Asteraceae). *Molecular Ecology*.
53. Flatscher, R., Frajman, B., Schönswetter, P. & Paun, P. (in press) Environmental heterogeneity and phenotypic divergence: can heritable epigenetic variation aid speciation? *Genetics Research International*.
54. Escobar García, P., Pakravan, M., Schönswetter, P., Fuertes Aguilar, J. & Schneeweiss, G. M. (in press) Phylogenetic relationships in the species-rich Irano-Turanian genus *Alcea* (Malvaceae). *Taxon*.

Submitted

55. Kolář, F., Fér, T., Štech, M., Trávníček, T., Dušková, E., Schönswetter, P., & Suda, J. (submitted) Bringing together evolution on serpentine and polyploidy: spatiotemporal history of the ecologically differentiated diploid-tetraploid complex of *Knautia arvensis* (Dipsacaceae).
56. Winkler, M., Tribsch, A., Schneeweiss, G.M., Brodbeck, S., Gugerli, F., Holderegger, R., Abbott, R. & Schönswetter, P. (submitted) Tales of the unexpected: Phylogeography of the arctic-alpine model plant *Saxifraga oppositifolia* (Saxifragaceae) revisited.
57. Ronikier, M., Schneeweiss, G.M., & Schönswetter, P. (submitted) The extreme disjunction between Beringia and Europe in the arctic-alpine *Ranunculus glacialis* s. l. does not coincide with the deepest genetic split – a story of the importance of temperate mountain ranges in arctic-alpine phylogeography.

A2) Non-Peer-Reviewed Journal Articles

1. Schneeweiss, G.M., Schönswetter, P., & Tribsch, A. (1998). Floristisches aus Österreich. *Florae Austriacae Novitates*, 5, 67–71.
2. Schneeweiss, G.M., & Schönswetter, P. (1999). Feinverbreitung, Ökologie und Gesellschaftsanschluß reliktsicher Gefäßpflanzen der östlichen Niederen Tauern (Steiermark, Österreich). *Stapfia*, 61, 1–242.
3. Schönswetter, P., & Schneeweiss, G.M. (1999). Beiträge zur Flora der Niederen Tauern östlich des Sölkpases (Steiermark, Österreich). *Mitteilungen des Naturwissenschaftlichen Vereines Steiermark*,

4. Tribsch, A., & Schönswetter, P. (1999). *Lycopodium clavatum* subsp. *monostachyon* (*L. lagopus*) in den Ostalpen. Verhandlungen der Zoologisch-Botanischen Gesellschaft Österreich, 136, 235–248.
5. Schönswetter, P., Schneeweiss, G.M., & Englisch, Th. (2000). Das Saxifragetum blepharophyllae, eine neue endemische Gesellschaft der östlichen Zentralalpen. – Ein Bindeglied zwischen *Drabion hoppeanae* und *Androsacion alpinae*? Tuexenia, 20, 231–258.
6. Schratt-Ehrendorfer, L., Tribsch, A., Schneeweiss, G.M., Schönswetter, P., Staudinger, M., & Greimler, J. (2000). Weitere floristische Funde aus Kärnten. Wulfenia, 7, 27–39.
7. Essl, F., Eichberger, Ch., Hülber, K., Justin, Ch., Ott, C., Pürstinger, A., Schneeweiss, G., Schönswetter, P., Staudinger, M., Stöhr, O., Tribsch, A., & Turner, B. (2001). Funde bemerkenswerter Gefäßpflanzenarten in den Mollner Kalkvorlpen, dem mittleren Steyrtal und dem oberen Kremstal (Oberösterreich). Beiträge zur Naturkunde Oberösterreichs, 10, 449–476.
8. Niklfeld, H., Schönswetter, P., Staudinger, M., & Latzin, S. (2001). Beiträge zur Kenntnis der Flora der Reißbeckgruppe in Kärnten – das Ende eines der letzten weißen Flecken in der "Kartierungslandschaft" Österreichs. Wulfenia, 8, 5–14.
9. Schönswetter, P., Schneeweiss, G.M., Wittmann, H., Tribsch, A., & Wiedermann, M. (2001). *Equisetum arvense* subsp. *boreale* auct. eur. (*Equisetaceae*) – ein bisher übersehenes, arktisch-alpines Florenelement der Alpen. Neilreichia, 1, 149–164.
10. Stehlik, I., Tribsch, A., & Schönswetter, P. (2001). Erstes gemeinsames Meeting zur Phylogeographie von arktischen und alpinen Pflanzen in Zürich, 1.–3. Juni 2001. Bauhinia, 15, 69–90.
11. Bardy, K., Hilpold, A., Hochwallner, H., Klappert, Ö., Knechtel, S., Lehmwald, V., Schönswetter, P., & Schneeweiss, G.M. (2003). Positive Interaktionen (Facilitation) bei alpinen Pflanzen am Beispiel von *Persicaria vivipara*. Verhandlungen der Zoologisch-Botanischen Gesellschaft in Österreich, 140, 35–41.
12. Schneeweiss, G.M., Schönswetter, P., Tribsch, A., Hilpold, A., Latzin, S., Schratt-Ehrendorfer, L., & Niklfeld, H. (2003). Floristische Neufunde aus den Hohen Tauern. Neilreichia, 2–3, 251–260.
13. Frajman, B., Schönswetter, P., Latzin, S., Sinn, E., Hilpold, A., Schratt-Ehrendorfer, L., Schneeweiss, G.M., Pany, P., Englisch, T., & Niklfeld, H. (2006). Floristic records from the Karavanke/Karawanken and Kamniške Alpe/Steiner Alpen (Slovenia and Austria). Natura Sloveniae, 8, 5–21.
14. Frajman, B., & Schönswetter, P. (2007). Notulae ad Floram Sloveniae: 84 *Hieracium alpinum*. 85 *Orobancha hederaceae*. Hladnikia, 20, 38–40.
15. Schönswetter, P., Schratt-Ehrendorfer, L., Frajman, B., & Niklfeld, H. (2010). Seltene Spezialisten alpiner Kalkschieferschotandorte in Gefahr: Flora und Vegetation des Piz Val Gronda (Samnaun-Gruppe, Tirol). Alpine Raumordnung, 35, 6–51.
16. Schönswetter, P., Schneeweiss, G.M., Gutermann, W. et al. (2011) Floristische Neufunde aus den Ostalpen. Neilreichia, 6, 81–98.

B) Contributions in Editions/Collections

1. Schneeweiss, G.M., Schönswetter, P., Tremetsberger, K., & Schratt-Ehrendorfer, L. (2002). Vegetation. – In: Wiesbauer H (ed.): Naturkundliche Bedeutung und Schutz ausgewählter Sandlebensräume in Niederösterreich. Bericht zum LIFE-Projekt „Pannonische Sanddünen“. – St. Pölten: Amt der NÖ Landesregierung: 15–58.
2. Schmitt, T., Muster, C. & Schönswetter, P. (2010): Disjunct Alpine and Arctic-Alpine Animal and Plant Species in the Western Palaearctic are Relics of Different Time Horizons. In: Habel, J. C. & Assmann, T.: Survival on Changing Climate – Relict Species – Phylogeography and Conservation. Springer, Heidelberg: 239–252.

C) Miscellaneous Publications

1. Diverse texts on the homepage of the Department of Biogeography and Botanical Garden (<http://www.botanik.univie.ac.at/plantchorology/>)
2. Various edited protocols of excursions guided by H. Niklfeld, W. Gutermann or myself
3. Several information tables in the Botanical Garden of the University of Vienna (HBV)
4. Excursion guide for Excursion 27 of the International Botanical Congress (IBC) 2005
5. Project reports for most projects mentioned under III
6. Botanical expertise related to plans for building a skiing lift on Piz Val Gronda, Tyrol (together with H. Niklfeld and L. Schratt-Ehrendorfer)
7. Radio interview for the Austrian radio station Ö1 (“Vom Leben der Natur: Paradox und Zufall”). Broadcasted January 12-16, 2009
8. „Evolution erforschen: Anpassungsfähige Gebirgspflanzen“: Interview for „dieuniversität online“ (online newspaper of the University of Vienna), article available at <http://www.dieuniversitaet-online.at/beitraege/news/evolution-erforschen-anpassungsfaeihige-gebirgspflanzen/10.html>
9. “Vielfältiges Innenleben”: Interview for the newspaper “Kurier”, published 18.10.2010
10. Vielfalt als Überlebensstrategie : Article in „Forschungsmagazin der Universität Innsbruck“, article available at <http://www.uibk.ac.at/forschung/magazin/5/artikel/botanik.pdf>

D1) Lectures/Presentations at International Scientific Conferences (as presenting author only)

Invited talks

1. Schönswetter, P., Popp, M. & Brochmann C. (2005) Immigration patterns of rare arctic-alpine plants into the Alps. Talk at the “17th International Botanical Congress”, Vienna, Austria, 17.-23.7.2005.
2. Dixon, C.J., Schönswetter, P. & Schneeweiss, G.M. (2007) Evolution and phylogeography of *Androsace* sect. *Aretia* (Primulaceae). Talk (by P.S.) at the “Botanical Society of Scotland Symposium: History, Evolution and Future of Arctic and Alpine Flora”. St. Andrews, Scotland, UK. 25.-27.6.2007.
3. Schönswetter, P. (2007) Tracing range shifts in the southern European mountain ranges: examples from arctic-alpine plants and from *Androsace* sect. *Aretia* (Primulaceae). Keynote lecture at the conference “Phylogeography and Conservation of Postglacial Relicts”, National Museum of Natural History, Luxembourg, 18.-19.10.2007.
4. Schönswetter, P., Sonnleitner, M., Escobar García, P., Flatscher, R., Hülber, K., Schneeweiss, G.M., Rauchová, J., Suda, J. & Winkler, M. (2011) Polyploid speciation in *Senecio carniolicus* Willd. (Asteraceae) – Genetic, morphological and ecological differentiation among and within cytotypes. Invited lecture at the conference “BioSystematics Berlin 2011”, Berlin, Germany. 21.–27.2.2011.

Talks/posters

1. Schönswetter, P., Tribsch, A. & Niklfeld, H. (2000) Genetic Structure and Population History of Alpine Plants. First Insights from *Carex curvula* and *Androsace alpina* inferred from AFLP-Fingerprinting. Talk at the conference “The Biochemistry, Physiology, Ecology and Population Ecology of Alpine Plants”, Lautaret, France, 31.8.-2.9.2000.
2. Schönswetter, P. & Tribsch, A. (2001) Alpine plants and the ice-age: Phylogeographic analyses of the cushion-plants *Androsace alpina* (Primulaceae) and *Saponaria pumila* (Caryophyllaceae) in the European Alps revealed by AFLP-fingerprinting. Talk at the conference “Evolution and Plasticity in Plant Populations” (14th meeting of the working group “Population Biology of Plants [GfÖ, Gesellschaft für Ökologie]), Vienna, Austria, 23.-27.6.2001.
3. Schönswetter, P. & Tribsch, A. (2001) Phylogeography of the high alpine cushion plant *Androsace alpina* (Primulaceae) in the Alps. Talk at the conference “First Joint Botanical Mountain Phylogeography Meeting”, Zurich, Switzerland, 1.-3.6. 2001.

4. Schönswetter, P. & Tribsch, A. (2002) Comparative Phylogeography of vascular plants in the European Alps: congruences and contrasts. Talk at the conference "Phylogeography in Southern European Refugia", Vairao, Portugal, 11.-15.3.2002.
5. Schönswetter, P., Tribsch, A., Niklfeld, H. & Stuessy, T. (2002) Localization of glacial refugia for vascular plants in the European Alps: A comparative approach using AFLP-data. Talk at the conference "Botany 2002", Madison, Wisconsin, USA, 2.-7.8.2002.
6. Schönswetter, P. & Tribsch, A. (2003) Migration patterns of Arctic-Alpine plants. Talk at the conference "4th conference on Biochemistry, Ecophysiology and Population Biology of Alpine and Polar plants", Trins, Austria, 9.7.-11.7.2003.
7. Schönswetter, P. & Tribsch, A. (2003) Searching for glacial refugia in the Eastern Alps: evidence from comparative phylogeography and patterns of endemism. Poster presentation at the conference "Frontiers in Biogeography", Mesquite, NV, USA, 4.-8.1.2003.
8. Schönswetter, P. & Tribsch, A. (2004) Recent immigrants or ancient witnesses of recurrent climate change? The fate of rare arctic plants in the Alps revisited. Talk at the conference "Population dynamics in a changing landscape – persistence, dispersal or adaptation" (17th Annual Meeting of the Ecological Society of Germany, Switzerland and Austria – Section Plant Population Biology), Regensburg, Germany, 19.-23.5.2004.
9. Schönswetter, P., Popp, M. & Brochmann C. (2005) Immigration patterns of rare arctic-alpine plants into the Alps. Poster presentation at the "8th Annual Meeting of the German Society for Biological Systematics", Basel, Switzerland, 13.-16.9.2005.
10. Schönswetter, P. (2006) A first attempt towards a comparative phylogeography of the southern European mountain ranges. Talk at the 4th Balkan Botanical Conference: „Plant, fungal and habitats diversity: Investigation and conservation“, Sofia, Bulgaria, 20.-26.6.2006.
11. Schönswetter, P. (2008) Polyploid evolution and ecological differentiation in *Senecio carniolicus* (Asteraceae). Talk at the Xth Symposium of the International Organisation of Plant Biosystematists "Evolution of Plants in Mountainous and Alpine Habitats", Strbske Pleso, Vysoké Tatry, Slovakia, 2.–4.07.2008.
12. Schönswetter, P. (2008) "Geneto-floristics": solving floristic-systematic problems with molecular tools. Talk at the Symposium "Flora in vegetacija Slovenije", Ljubljana, Slovenia, 17.–18.10.2008.
13. Schönswetter, P., Sonnleitner, M., Escobar García, P., & Hülber, K. (2009) Polyploid evolution and ecological segregation of cytotypes in the Alpine plant *Senecio carniolicus* (Asteraceae). Poster-presentation at the „International Conference on Polyploidy, Hybridization and Biodiversity" (<http://www.icphb2009.univ-rennes1.fr/index.php>), Saint Malo, France, 17.–20.5.2009.
14. Schönswetter, P. (2009) Solving floristic-systematic and biogeographic problems on the Balkan Peninsula with molecular tools. 5th Balkan Botanical Congress, Beograd, Serbia, 7.–11.9.2009.
15. Schönswetter, P. & Roniker, M. (2010) The Etsch/Adige valley, a major genetic break zone recurrently identified in high mountain plants. 6. Tagung: Zoologische und botanische Forschung in Südtirol. Naturmuseum Südtirol, Bozen/Bolzano, Italy, 2.9.2010–3.9.2010.

D2) Lectures/Presentations at National Scientific Conferences (as presenting author only)

1. Schönswetter, P. & Schneeweiss, G.M. (2000) Verbreitung und Ökologie relikitärer Gefäßpflanzen der östlichen Niederen Tauern (Steiermark). Talk at the conference "9. Österreichisches Botanikertreffen", Illmitz, Austria, 28.9.-1.10.2000.
2. Schönswetter, P. (2002) Neues zur Eiszeitgeschichte unserer Alpenflora anhand einiger molekularbiologisch untersuchter Beispiele. Talk at the conference "10. Österreichisches Botanikertreffen", Gumpenstein, Austria, 30.5.-1.6.2002.
3. Schönswetter, P. (2006) Die Alpen, Startpunkt und Ziel von Pflanzenwanderungen. Talk at the conference "12. Österreichisches Botanikertreffen", Kremsmünster, Austria, 21.-24.9.2006.

4. Schönswetter, P. (2008) *Senecio carniolicus*: Evolution, Zytogeographie, Hybridzonen. Talk at the conference “13. Österreichisches Botanikertreffen”, Salzburg, Austria, 11.9.2008–13.9.2008.
5. Schönswetter, P. (2010) Evolutionary patterns in the polyploid complex of *Senecio carniolicus* (Asteraceae). Talk at the conference “14. Österreichisches Botanikertreffen”, Dornbirn, Austria, 23.9.2010–25.9.2010.

E1) Invited, international Lectures/Presentations (other than Scientific Conferences)

1. “Immigration patterns of rare arctic-alpine plants into the Alps”. Talk at the Department of Botany, Charles University Prague, Czech Republic, 1.3.2005 (Host: Dr. Jan Suda).
2. “Immigration patterns of rare arctic-alpine plants into the Alps”. Institute for Systematic Botany, University of Zurich, Switzerland, 17.1.2005 (Host: Prof. Dr. Elena Conti).
3. Schönswetter, P. (2008) Molecular markers and their application in biogeography. Invited talk at the meeting “Biološka znanost in družba: Ekosistemi”, Ljubljana, Slovenia, 2.–3.10.2008.

E2) Invited, national Lectures/Presentations (other than Scientific Conferences)

1. “Pflanzen der Ostalpen”, 8. Jahrestreffen der Stauden- und Alpinengärtner/innen, Vienna, Austria, 14.6.2002 (Host Prof. Dr. Tod. Stuessy).
2. “Molekularbiologische Untersuchungen zur Eiszeitgeschichte der Alpenflora”, Biologiezentrum Linz, Linz, Austria, 2.5.2002 (Host Prof. Dr. Franz Speta).
3. Several presentations in course of the Department Seminar series of the Department of Biogeography, University of Vienna, Vienna (Host Prof. Dr. Tod Stuessy).
4. Several presentations in course of the Department Seminar series of the Department of Systematic and Evolutionary Botany, University of Vienna, Vienna (Host Prof. Dr. Harald Niklfeld).
5. „Besteht *Senecio (incanus* subsp.) *carniolicus* aus mehreren Arten mit unterschiedlichen Standortsansprüchen?“, Department of Organismic Biology, University of Salzburg, 23.1.2009 (seminary for PhD students, host: Prof. Dr. Peter Comes)
6. „Der Polyploid-Komplex von *Senecio carniolicus* (Asteraceae): evolutionäre Entfaltung, Standortsökologie und Mechanismen zur Koexistenz von Zytotypen“. Institute of Botany, University of Graz, 23.3.2010 (host: Prof. Dr. Helmut Mayrhofer)
7. “Über- und unterschätzte Biodiversität von Alpenpflanzen”. Österreichischer Biodiversitätstag, Natural History Museum Vienna, Vienna, Austria, 21.10.2010.
8. „Endemismus bei Alpenpflanzen: Gattungen, Arten und intraspezifische Linien“. ÖEG Fachgespräch im Naturmuseum Südtirol (Meeting of the Austrian Entomological Society). Bozen/Bolzano, Italy, 22.10.2011.
9. „Über- und unterschätzte Biodiversität von Alpenpflanzen”. Herbsttagung der Fachgruppe Botanik des Naturwissenschaftlichen Vereins für Kärnten. Klagenfurt, 12.11.2011.
10. „Aus dem Norden oder in den Norden? Neues (und Altes) zu Pflanzenwanderungen zwischen der Arktis und den südeuropäischen Gebirgen“ Ökologisches Kolloquium, University of Innsbruck, 24.1.2011.