

Curriculum Vitae: Thomas Wohlgemuth

Web of Science (WOS): h-index 19

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Dr. phil. nat.

RU *Forest Dynamics*

RG *Disturbance Ecology*

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Personal Details

Birth 1 April 1961

Nationality Swiss, citizen of Rickenbach, ZH

Marital Status Divorced, three children

Higher Education

2007 – 2008 ETH Zürich, Certificate course in statistics

1994 – 1996 University of Bern, Switzerland. PhD in Geobotany with Prof. Dr. Otto Hegg. *Biogeography and biodiversity of the Swiss flora – regionalisations on the basis of countrywide distribution data.* (SNF-project).

1982 – 1987 Swiss Federal Institute of Technology (ETH) Zurich, Switzerland. MSc in Systematic and Ecological Biology (Dipl. Natw. ETH).

Appointment

2006 – present Head of the research group Disturbance Ecology, Research Unit Forest Dynamics,

Deputy head of Research Unit Forest Dynamics, WSL Birmensdorf

2001 – 2006 Head of the research programme Forest Dynamics, WSL Birmensdorf

1998 – 2000 Junior Scientist, Department of Landscape Ecology, WSL Birmensdorf

1997 Postdoctoral Research Fellow, Oklahoma State University, Stillwater OK, USA

Postdoctoral Research Fellow, EROS Data Center, Sioux Falls SD, USA

1991 – 1994 Head of research group Vegetation Science, WSL Birmensdorf

1988 – 1990 Junior Scientist, Department of Soil Science, WSL Birmensdorf

Teaching

2006 – 2015 Field week in Ecology, Univ. Basel (in collaboration with Prof. Ch. Körner)

2008 – 2013 Disturbance Ecology, ETH Zürich (in collaboration with Prof. J. Ghazoul)

2002 – 2012 Quantitative Vegetation Analysis, Univ. Basel

Projects

2016 – 2018 DOCH-WO – Invasion potential of Douglas fir in Swiss forests and open land: Wald- und Holzforschungsfonds, CHF 162'000

2015 – 2016 Douglas-fir invasiveness in Central Europe and in particular in Switzerland: Bafu, CHF 70'000

2013 – 2018 FloZ (Flora of the canton of Zürich): Lotteriefonds, CHF 500'000

2013 – 2016 WaDyWa (Forest dynamics Valais): Canton Valais, CHF 240'000

2013 – 2015	Interactive effects of CO ₂ and light conditions on drought resistance of conifer species during early growth: Swiss National Science foundation SNF, CHF 277'000
2011 – 2012	PlastiPine – Plasticity of Scots pine recruitment under simulated climate change: Sciex, CHF 138'000
2010 – 2011	Wilderness potential – Pilot study: Federal Office for the Environment FOEN, CHF 30'000
2009 – 2014	Drought as limiting factor for early growth of principal tree species: Federal Office for the Environment FOEN, CHF 240'000
2009 – 2012	BüWaK, Forests and climate change in the Grisons: Canton Graubünden, CHF 220'000
2008 – 2011	ZuWaWa: Future of forest in the Valais: Cant. Valais, CHF 200'000
2008 – 2010	Automatically controlled rainshelters: Swiss National Science foundation SNF (R'Equip), CHF 100'000
2008 – 2011	Regeneration after windthrow: Federal Office for the Environment FOEN, CHF 250'000
2007 – 2011	Germination and early seedling growth of <i>Pinus</i> and <i>Quercus</i> : Swiss National Science foundation SNF, CHF 197'000

Professional Service

2016 – present	Research commission, WSL
2013 – present	Associate Editor in <i>Annals of Forest Science</i>
2012 – present	Kommission Flora des Kantons Zürich, president
2009 – 2012	Zürcherische Botanische Gesellschaft, president
2001 – 2006	GMBA Global mountain biodiversity assessment: steering committee
2000 – 2006	SKEW Schweizerische Kommission für die Erhaltung von Wildpflanzen: Scientific board
1996 – 2006	CRSF/ZDSF Zentrum des Datenverbundnetzes der Schweizer Flora: Scientific board

Reviews for journals

Acta Oecol, Alpine Bot, Ann Bot Fenn, Ann For Sci, Appl Veg Sci, Biol Cons, Biodiv Cons, Bot Helv, Can J For Ecol, Community Ecol, Diversity, Div Dist, Ecography, Ecol Lett, Ecol Model, Ecology, Ecosystems, Env Exp Bot, Eur J For Res, Folia Geobot, For Ecol Manage, Geogr Ann, Glob Change Biol, Glob Ecol Biogeogr, J Appl Ecol, J Biogeogr, J Trop For Sci, J Veg Sci, Landscape Ecol, Mt Res Dev, Oecologia, Perspect Plant Ecol, Plant Biol, Plant Ecol, PLOSone, Science, Silva Fenn

Reviews for institutions

Austrian Academy of Sciences, Academy of Sciences of the Czech Republic, Deutsche Forschungsgemeinschaft DFG, Slovak Academy of Science

Extension service

ClimTree 2013: Int. conference on climate change and tree responses in Central European forests 2013 (Organizer)
 International symposium on weeds and invasive plants 2011: Ascona, Switzerland (Scientific board)
 International conference: Monitoring the effectiveness of nature conservation 2007: WSL, Birmensdorf (Scientific board)
 Forum für Wissen 2006: Wald und Klimawandel: WSL, Zürich (Organizer)

^sSupervised and ^cco-supervised PhD students and Post-Doctorals

- ^cFescenko A. (2012-16) Dynamics of forest diversity in Latvia and Switzerland (University of Latvia)
- ^sBachofen C. (2013-16) Interactive effects of CO₂ and light conditions on drought resistance of conifer species (ETHZ)
- ^cMaringer J. (2011-16) Effects of fire on beech forests in Insubric Pre-Alps. Univ. Stuttgart & WSL.
- ^sMetslaid, M. (2011-12) Defy drought: Combined effects of drought and raised CO₂ on early growth of conifers (Sciex)
- ^sPriewasser K. (2009-12) Tree regeneration after windthrow in Switzerland. ETH Zürich & WSL.
- ^sRichter S. (2008-10) Germination and early growth of *Pinus sylvestris* and *P. nigra* under limiting drought.
- ^sKipfer T. (2007-10) Post-fire ectomycorrhizal fungi and their role for *Pinus sylvestris* L. seedling growth. Diss. ETH No. 19426.
- ^cUsbeck, T. (2004-2016) Temporal and regional winter storm damage risk to Swiss forests. Univ. Neuchâtel & WSL

Publications 2008–2016

Full list of 164 publications 1991–2016 on www.wsl.ch/info/mitarbeitende/wohlgemu/veroeffentlichungen_DE.

Web of Science Core Collection (n=34 since 2009; total 52)

- Maringer J., Conedera M., Ascoli D., Schmatz D.R., **Wohlgemuth T.** (2016) Resilience of European beech forests (*Fagus sylvatica* L.) after fire in a global context. *Int. J. Wildlife Fire*. DOI: 10.1071/WF15127
- Bachofen C., **Wohlgemuth T.**, Ghazoul J., Moser B. (2015) Safety margins against spring frost damage allow for the assisted migration of Mediterranean pines to regions with intermittent frost. *Funct. Ecol.* DOI: 10.1111/1365-2435.12581
- Douda, J., Boublík, K., Slezák, M., Biurrun, I., Nociar, J., Havrdová, A., Doudová, J., Ačić, S., Brisse, H., Brunet, J., Chytrý, M., Claessens, H., Csiky, J., Didukh, Y., Dimopoulos, P., Dullinger, S., FitzPatrick, Ú., Guisan, A., Horschler, P., Hrivnák, R., Jandt, U., Kački, Z., Kevey, B., Landucci, F., Lecomte, H., Lenoir, J., Paal, J., Paternoster, D., Pauli, H., Pielech, R., Rodwell, J., Roelandt, B., Svenning, J., Šibík, J., Šilc, U., Škvorc, Ž., Tsiripidis, I., Tzonev, R., **Wohlgemuth, T.**, Zimmermann, N.E. (2016) Vegetation classification and biogeography of European floodplain forests and alder carrs. *Appl. Veg. Sci.* 19: 147–163.
- Chytrý, M., Hennekens, S.M., Jiménez-Alfaro, B., Knollová, I., Dengler, J., Jansen, F., Landucci, F., Schaminée, J.H.J., Ačić, S., Agrillo, E., Ambarlı, D., Angelini, P., Apostolova, I., Attorre, F., Berg, C., Bergmeier, E., Biurrun, I., Botta-Dukát, Z., Brisse, H., Campos, J.A., Carlón, L., Čarni, A., Casella, L., Csiky, J., Čušterevska, R., Dajić Stevanović, Z., Danihelka, J., De Bie, E., de Ruffray, P., De Sanctis, M., Bernhard, W.B., Dimopoulos, P., Dubyna, D., Dziuba, T., Ejrnæs, R., Ermakov, N., Ewald, J., Fanelli, G., Fernández-González, F., FitzPatrick, Ú., Font, X., García-Mijangos, I., Gavilán, R.G., Golub, V., Guarino, R., Haveman, R., Indreica, A., Gürsoy, D.I., Jandt, U., Janssen, J.A.M., Jiroušek, M., Kački, Z., Kavgacı, A., Kleikamp, M., Kolomiychuk, V., Čuk, M.K., Krstonošić, D., Kuzemko, A., Lenoir, J., Lysenko, T., Marcenò, C., Martynenko, V., Michalčová, D., Moeslund, J.E., Onyshchenko, V., Pedashenko, H., Pérez-Haase, A., Peterka, T., Prokhorov, V., Rašomavičius, V., Rodríguez-Rojo, M.P., Rodwell, J.S., Rogova, T., Ruprecht, E., Rüşü, S., Seidler, G., Šibík, J., Šilc, U., Škvorc, Ž., Sopotlieva, D., Stančić, Z., Svenning, J., Swacha, G., Tsiripidis, I., Turtureanu, P.D., Uğurlu, E., Uogintas, D., Valachovič, M., Vashenyak, Y., Vassilev, K., Venanzoni, R., Virtanen, R., Weekes, L., Willner, W., **Wohlgemuth, T.**, Yamalov, S., (2016) European Vegetation Archive (EVA): an integrated database of European vegetation plots. *Appl. Veg. Sci.* 19: 173–180.
- Wasof, S., Lenoir, J., Aarrestad, P.A., Alsos, I.G., Armbruster, W.S., Austrheim, G., Bakkestuen, V., Birks, H.J.B., Bråthen, K.A., Broennimann, O., Brunet, J., Bruun, H.H., Dahlberg, C.J., Diekmann, M., Dullinger, S., Dynesius, M., Ejrnæs, R., Gégout, J.C., Graae, B.J., Grytnes, J.A., Guisan, A., Hylander, K., Jónsdóttir, I.S., Kapfer, J., Klanderud, K., Luoto, M., Milbau, A., Moora, M., Nygaard, B., Odland, A., Pauli, H., Ravolainen, V., Reinhardt, S., Sandvik, S.M., Schei, F.H., Speed, J.D.M., Svenning, J., Thuiller, W., Tveraabak, L.U., Vandvik, V., Velle, L.G., Virtanen, R., Vittoz, P., Willner, W., **Wohlgemuth, T.**, Zimmermann, N.E., Zobel, M., Decocq, G. (2015) Disjunct populations of European vascular plant species keep the same climatic niches. *Glob. Ecol. Biogeogr.* 24:1401–1412.
- Nieto-Lugilde D., Lenoir J., Abdulhak S., Aeschmann D., Dullinger S., Gégout J.-C., Guisan A., Pauli H., Renaud J., Theurillat J.-P., Thuiller W., Van Es J., Vittoz P., Willner W., **Wohlgemuth T.**, Zimmermann N.E. & Svenning J.-C. (2015) Tree cover at fine and coarse spatial grains interacts with shade tolerance to shape plant species distributions across the Alps. *Ecography* 38: 578–589.
- Wohlgemuth T.** (2015) Climate change and tree responses in Central European forests. *Ann. For. Sci.* 72: 285–287
- Küchler M., Küchler H., Bedolla A., **Wohlgemuth T.** (2015) Response of Swiss forests to management and climate change in the last 60 years. *Ann. For. Sci.* 73: 311–320.
- Moser B., Kipfer T., Richter S., Egli S., **Wohlgemuth T.** (2015) Drought resistance of *Pinus sylvestris* seedlings conferred by plastic root architecture rather than ectomycorrhizal colonisation. *Ann. For. Sci.* 72: 303–309
- Priewasser K., Brang P., Bachofen H., Bugmann H., **Wohlgemuth T.** (2014) Site factors are more important than salvage logging for tree regeneration after wind disturbance in Central European forests. *For. Ecol. Manag.* 331: 116–128. DOI 10.1016/j.foreco.2014.08.002
- Nieto-Lugilde D., Lenoir J., Abdulhak S., Aeschmann D., Dullinger S., Gégout J.-C., Guisan A., Pauli H., Renaud J., Theurillat J.-P., Thuiller W., Van Es J., Vittoz P., Willner W., **Wohlgemuth T.**, Zimmermann N., Svenning J.-C. (2014) Tree cover at fine and coarse spatial grains interacts with shade tolerance to shape plant species distributions across the Alps. *Ecography*. doi: 10.1111/ecog.00954
- Münkemüller T., Gallien L., Lavergne S., Renaud J., Roquet C., Abdulhak S., Dullinger S., Garraud L., Guisan A., Lenoir J., Svenning J.-C., Van Es J., Vittoz P., Willner W., **Wohlgemuth T.**, Zimmermann N., Thuiller W. (2014) Scale decisions can reverse conclusions on community assembly processes. *Glob. Ecol. Biogeogr.* DOI: 10.1111/geb.12137
- Ewald J., Hennekens S., Conrad S., **Wohlgemuth T.**, Jansen F., Jenssen M., Cornelis J., Michiels H.-G., Kayser j., Chytrý M., Gégout J.-C., Breuer M., Abs C., Walentowski H., Starlinger F., Godefroid S. (2013) Spatial and

- temporal patterns of Ellenberg nutrient values for nutrients in forests of Germany and adjacent regions - a survey based on phytosociological databases. *Tuexenia* 33: 93–109.
- Randin C.F., Paulsen J., Vitasse Y., Kollas C., **Wohlgemuth T.**, Zimmermann N.E., Körner C. (2013) Do the elevational limits of deciduous tree species match with their thermal latitudinal limits? *Global Ecol. Biogeogr.* DOI: 10.1111/geb.12040
- Priewasser K., Brang P., Bachofen H., Bugmann H., **Wohlgemuth T.** (2013) Impacts of salvage-logging on the status of deadwood after windthrow in Swiss forests. *Eur. J. For. Res.* 132: 231-240. DOI: 10.1007/s10342-012-0670-12012
- Rigling A., Bigler C., Eilmann B., Feldmeyer-Christe E., Gimmi U., Ginzler C., Graf U., Mayer P., Vacchiano G., Weber P., **Wohlgemuth T.**, Zweifel R., Dobbertin M. (2013) Driving factors of a vegetation shift from Scots pine to pubescent oak in dry Alpine forests. *Glob. Change Biol.* 19: 229-240. DOI: 10.1111/gcb.12038
- Taberlet P., Zimmermann N.E., Englisch T., Tribsch A., Holderegger R., Alvarez N., Niklfeld H., Coldea G., Mirek Z., Moilanen A., Ahlmer W., Ajmone P., Bona E., Bovio M., Choler P., Cieślak E., Colli L., Cristea V., Dalmás J.-P., Frajman B., Garraud L., Gaudeul M., Gielly L., Gutermann W., Jogan N., Kagalo A.A., Korbecka G., Küpfer P., Lequette B., Letz D.R., Manell S., Mansion G., Marhold K., Martini F., Negrini R., Niño F., Paun O., Pellecchia M., Perico G., Piękoś-Mirkowa H., Prosser F., Puşcaş M., Ronikier M., Scheurerer M., Schneeweiss G.M., Schönswetter P., Schratt-Ehrendorfer L., Schüpfer F., Selvaggi A., Steinmann K., Thiel-Egenter C., van Loo M., Winkler M., **Wohlgemuth T.**, Wraber T., Gugerli F., IntraBioDiv Consortium (2012) Genetic diversity is not congruent with species richness in alpine plants. *Ecol. Lett.* 15:1439-1448. doi: 10.1111/ele.12004
- Beier C., Beierkuhnlein C., **Wohlgemuth T.**, Penuelas J., Emmet B., Körner C., de Boeck H., Hesselbjerg J., Christensen J.H., Leuzinger S., Janssen I.A., Hansen K. (2012) Precipitation manipulation experiments - challenges and recommendations for the future. *Ecol. Lett.* 15: 899-911. DOI: 10.1111/j.1461-0248.2012.01793.x
- Kipfer T., **Wohlgemuth T.**, van der Heijden M.G.A., Ghazoul J., Egli S. (2012) Growth response of drought-stressed *Pinus sylvestris* seedlings to single- and multi-species inoculation with ectomycorrhizal fungi. *PLoS ONE* 7(4): e35275
- Richter S., Kipfer T., **Wohlgemuth T.**, Calderón Guerrero C., Ghazoul J., Moser B. (2012) Spring precipitation and genotypic variation may be the key to the persistence of *Pinus sylvestris* at the forest-steppe ecotone. *Oecologia* 169: 269-279
- Maringer J., **Wohlgemuth T.**, Neff C., Pezzatti G.B., Conedera M. (2012) Post-fire spread of alien plant species in a mixed broadleaved forest of the Insubric region. *Flora* 207: 19-29
- Steinmann K., Eggenberg S., **Wohlgemuth T.**, Linder P., Zimmermann N.E. (2011) Niches and noise – Disentangling habitat diversity and area effect on species diversity. *Ecological Complexity* 8: 313-319
- Rocchini D., McGlenn D., Ricotta C., Neteler M., **Wohlgemuth T.** (2011) Topographic complexity and spatial scale influence the relationship between remotely sensed spectral diversity and survey based plant species richness. *J Veg Sci* 22: 688-698
- Kipfer T., Moser B., Egli S., **Wohlgemuth T.**, Ghazoul J. (2011) Ectomycorrhiza succession pattern in *Pinus sylvestris* forests after stand-replacing fire in the Central Alps. *Oecologia* 167: 219-228
- Thiel-Egenter C., Alvarez N., Holderegger R., Tribsch A., Englisch T., **Wohlgemuth T.**, Colli L., Gaudeul M., Gielly L., Jogan N., Linder HP, Negrini R., Niklfeld H., Pellecchia M., Rioux D., Schönswetter P., Taberlet P., Van Loo M., Winkler M., IntraBioDiv Consortium, Gugerli F. (2011) Break zones in the distribution of alleles and species in Alpine plants: when phylogeography meets biogeography. *J Biogeogr* 38: 772-782
- Thimonier A., Kull P., Keller W., Moser B., **Wohlgemuth T.** (2011) Ground vegetation monitoring in Swiss forests: comparison of survey methods and implications for trend assessments. *Environ Monit Assess* 174: 47-63
- Lenoir J., Gégout J-C, Guisan A., Vittoz P., **Wohlgemuth T.**, Zimmermann NE, Dullinger S, Pauli H, Willner W, Grytnes J-A, Virtanen R, Svenning J-C (2010) Cross-scale analysis of the region effect on vascular plant species diversity in Southern and Northern European mountain ranges. *PLoS ONE* 5(12): e15734
- Kipfer T., Egli S., Ghazoul J., Moser B., **Wohlgemuth T.** (2010) Resistance of ectomycorrhizal fungi to fire - an experimental approach. *Fungal Biol* 114: 467-472
- Lenoir J., Gégout J-C, Guisan A., Vittoz P., **Wohlgemuth T.**, Zimmermann NE, Dullinger S, Pauli H, Willner W, Svenning J-C (2010) Going against the flow: potential mechanisms for unexpected downslope range shift in a warming climate. *Ecography* 33: 295-303
- Gimmi U., **Wohlgemuth T.**, Rigling A., Hoffmann CW, Bürgi M. (2010) Land-use and climate change effects in forest compositional trajectories in a dry Central-Alpine valley. *Ann For Sci* 67, DOI:10.1051/forest/2010026
- Moser, B., Temperli, C., Schneiter, G., **Wohlgemuth, T.** (2010) Potential shift in species composition after fire in the central Alps. *Eur J For Res* 129:625-633
- Usbeck T., **Wohlgemuth T.**, Dobbertin M., Pfister C., Bürgi A., Rebetez M. (2010) Increasing storm damage to forests in Switzerland from 1858 to 2007. *Agr Forest Meteorol* 150: 47-55
- Usbeck T., **Wohlgemuth T.**, Pfister C., Volz R., Beniston M., Dobbertin M. (2010) Wind speed measurements and forest damage in Canton Zurich (Central Europe) from 1891 to winter 2007. *Int J Climatolog* 30: 347-358
- Rocchini D., **Wohlgemuth T.**, Ricotta C., Ghisleni S., Stefanini A., Chiarucci A. (2009) Rarefaction theory applied to satellite imagery for relating spectral and species diversity. *Ital. J. Remote Sens.* 41: 109-123

- Rocchini D., **Wohlgemuth T.**, Ghisleni S., Chirarucci A. (2008) Spectral rarefaction: linking ecological variability and plant species diversity. *Comm. Ecol.* 109: 169-176
- Wohlgemuth T.**, Moser B., Brändli U.-B., Kull P., Schütz M. (2008) Diversity of forest plant species at the community and landscape scales in Switzerland. *Plant Biosystems* 142: 604-613
- Wohlgemuth T.**, Nobis M., Kienast F., Plattner M. (2008) Modelling vascular plant diversity at the landscape scale using systematic samples. *J. Biogeogr.* 35: 1226-1240

Reviews

- Wohlgemuth T.**, Brang P., Bugmann H., Rigling A., Zimmerman N.E. (2014) Forschung zu Wald und Klimawandel in Mitteleuropa: eine Werkschau. Schweiz. Zeitschr. Forstwes. 165: 27–36.
- Rigling A., Elkin C., Dobbertin M., Eilmann B., Giuggiola A., **Wohlgemuth T.**, Bugmann H. (2012) Wald und Klimawandel in der inneralpinen Trockenregion Visp. Schweiz. Z. Forstwes. 163: 481–492
- Wohlgemuth T.**, Brigger A., Gerold P., Laranjeiro L., Moretti M., Moser B., Rebetez M., Schmatz D., Schneiter G., Sciacca S., Sierro A., Weibel P., Zumbrunnen T., Conedera M. (2012) Leben mit Waldbrand. Vierteljahrsschr. Naturf. Ges. Zürich. 157 (3/4): 97-106
- Wohlgemuth T.**, Hester C., Jost A.-R., Wasem U., Moser B. (2010) Dynamik der Wiederbewaldung im Waldbrandgebiet von Leuk (VS). Schweiz. Z. Forstwes. 161 (2010) 11: 450–459
- Wohlgemuth T.**, Brigger A., Gerold P., Laranjeiro L., Moretti M., Moser B., Rebetez M., Schmatz D., Schneiter G., Sciacca S., Sierro A., Weibel P., Zumbrunnen T., Conedera M. (2010) Leben mit Waldbrand. Merckbl. Prax. 46: 1-16
- Wohlgemuth T.**, Brigger A., Gerold P., Laranjeiro L., Moretti M., Moser B., Rebetez M., Schmatz D., Schneiter G., Sciacca S., Sierro A., Weibel P., Zumbrunnen T., Conedera M. (2010) Vivre avec les incendies de forêt. Not. prat. 46: 1-16
- Wohlgemuth T.**, Conedera M., Kupferschmid Albisetti A., Moser B., Usbeck T., Brang P., Dobbertin M. (2008) Effekte des Klimawandels auf Windwurf, Waldbrand und Walddynamik im Schweizer Wald. Schweiz. Z. Forstwes. 159: 326-334

Monographs

- Wohlgemuth T.**, Priewasser K. (2013) ClimTree 2013. International Conference on Climate Change and Tree Responses. Abstracts (pdf).
- Landolt E., Bäumler B., Erhardt A., Hegg O., Klötzli F., Lämmli W., Nobis M., Rudmann K., Schweingruber F.H., Theurillat J.-P., Urmi E., Vust M., **Wohlgemuth T.** (2010) Flora indicativa - Ökologische Zeigerwerte und biologische Kennzeichen zur Flora der Schweiz und der Alpen. Verlag Haupt. 376 S

Other publications

- Wohlgemuth T.**, Brang P. (2015) 25 Jahre nach Vivian: Erfahrungen und Erkenntnisse. Schweiz. Z. Forstwes. 166: 117.
- Wohlgemuth T.**, Kramer K. (2015) Waldverjüngung und Totholz in Sturmflächen 10 Jahre nach Lothar und 20 Jahre nach Vivian. Schweiz. Z. Forstwes. 166: 135–146.
- Wohlgemuth T.**, Rigling A. (Red.) (2014) Kurz- und langfristige Auswirkungen des Klimas auf die Wälder im Churer Rheintal. Schlussbericht Projekt Bündner Wald im Klimawandel. WSL Ber. 17: 1-85. Rigling A., **Wohlgemuth T.** (2012) Umweltwandel - Die Rolle von Mensch und Klima. Bündner Wald 65/3: 5-12
- Wohlgemuth T.**, Bachmann P., Bergamini A., Burnand J., Ginzler C., Keel A., Kessler M., Nobis M., Nyffeler R., Röthlisberger J., Spillmann J., Wyss G. (2012) 173 Jahre nach Köl liker: Zeit für eine neue Flora des Kantons Zürich. Vierteljahrsschr. Naturf. Ges. Zürich 157 (1/2): 9-22
- Wohlgemuth T.** (2010) Die Natur und ihr Imitat. Schweiz. Z. Forstwes. 161/8: 316-323
- Wohlgemuth T.**, Moser B. (2009) Phönix aus der Asche – Die rasche Wiederbesiedlung der Waldbrandfläche oberhalb von Leuk durch Pflanzen. Bulletin de la Murithienne 126/2008: 29–46
- Reich, T., **Wohlgemuth T.** (2009) Forschung im Waldreservat Rorwald/OW: Die Fichten trotzen dem Käfer. Wald und Holz 5/09: 39-41
- Wildi O., **Wohlgemuth T.** (2008) Unruhe im Wald durch Globalisierung? Natur Mensch 1/2008, 10-13