

HOTSPOT 16/07:**BIODIVERSITÄT UND KLIMAWANDEL – BIODIVERSITÉ ET CHANGEMENTS CLIMATIQUES****LITERATUR / BIBLIOGRAPHIE**

- Balvanera P., Pfisterer A.B., Buchmann N., He J.S., Nakashizuka T., Raffaelli D., Schmid B. 2006. Biodiversity and ecosystem functioning: a meta-analysis of experimental results. *Ecology Letters* 9, 1146-1156.
- Bugmann H., Björnsen A., Ewert F., Haeberli W., Guisan A., Fagre D., Kääb A. 2007. Modelling the biophysical impacts of global change in mountain biosphere reserves. *Mountain Research & Development* 27, 66-77.
- Dalen L., Nystrom V., Valdiosera C., Germonpre M., Sablin M., Turner E., Angerbjorn A., Arsuaga J.L., Gotherstrom A. 2007. Ancient DNA reveals lack of postglacial habitat tracking in the arctic fox. *PNAS* 104, 6726-6729.
- Dansgaard W., White J.W.C., Johnsen S.J. 1989. The abrupt termination of the younger Dryas climate event. *Nature* 339, 532-533.
- Duraiappah A., Naeem S., Agardi T., Ash N., Cooper D., Díaz S., Faith D.P., Mace G., McNeilly J.A., Mooney H.A., Oteng-Yeboah A.A., Pereira H.M., Polasky S., Prip C., Reid W.V., Samper C., Schei P.J., Scholes R., Schutyser F., van Jaarsveld A. (eds.) 2005. *Ecosystems and human well-being: biodiversity synthesis*. Island Press, Washington, DC, 100 pp.
- Fehr Ch., Tester U., Sieber O., Hindelang K. 2006. Welche Schutzgebiete braucht die Schweiz? *Pro Natura Standpunkt*. 38 S.
- Fischlin A., Midgley G.F., Price J.T., Leemans R., Gopal B., Turley C., Rounsevell M.D.A., Dube O.P., Tarazona J., Velichko A.A. 2007. Ecosystems, their properties, goods and services. In: Parry M., Canziani O., Palutikof J. (eds.). *Climate change 2007 – Impacts, adaptation and vulnerability. Contribution of Working Group II to the Assessment Report Four of the Intergovernmental Panel of Climate Change (IPCC)*. Cambridge University Press, Cambridge, UK, p. 119 (in print).
- Guisan A., Thuiller W. 2005. Predicting species distribution: offering more than simple habitat models. *Ecology Letters* 8, 993-1009.
- Guisan A., Theurillat J.-P. 2005. Appropriate monitoring networks are required for testing model-based scenarios of climate change impact on mountain plant distribution. In: Huber U., Bugman H.K.M., Reasoner M.A. (Eds.). *Global Change and Mountain Regions. Springer, Advances in Global Change Research*, Vol. 23, pp. 467-476.
- Guisan A. 2005. Niche-based models as tools to assess climate change impact on the distribution and diversity of plants in mountain reserves. *Proceedings of the 2nd and 3rd GLOCHAMORE workshops in L'Aquila (Italy) and Granada (Spain)*. UNESCO-MRI, Paris, France.
- IPPC 2007. *Fourth Assessment Report. Intergovernmental Panel of Climate Change*.

- Jablonski D., Roy K., Valentine J.W. 2006. Out of the tropics: Evolutionary dynamics of the latitudinal diversity gradient. *Science* 314, 102-106.
- Kahmen A., Perner J., Buchmann N. 2005. Diversity-dependent productivity in semi-natural grasslands following climate perturbations. *Functional Ecology* 19, 594-601.
- Li M.-H., Kräuchi N., Gao S.-P. 2006. Global warming: can existing reserves really preserve current levels of biological diversity? *J. Integr. Plant Biol.* 48, 255-259.
- McLachlan J.S., Clark J.S., Manos P.S. 2005. Molecular indicators of tree migration capacity under rapid climate change. *Ecology* 86, 2088-2098.
- OcCC (Hrsg.) 2007. Klimaänderung und die Schweiz 2050. Erwartete Auswirkungen auf Umwelt, Gesellschaft und Wirtschaft. 168 S.
- Pauli H., Gottfried M., Reiter K., Klettner C., Grabherr G. 2007. Signals of range expansions and contractions of vascular plants in the high Alps: observations (1994-2004) at the GLORIA* master site Schrankogel, Tyrol, Austria. *Global Change Biol.* 13, 147-156.
- Pearson R.G. 2006. Climate change and the migration capacity of species. *Trends Ecol. Evol.* 21, 111-113.
- Randin C. 2007. Providing more informative projections of climate change impact on plant distribution in a mountain environment. Thèse de doctorat, Université de Lausanne. Département d'Ecologie et d'Evolution. En prép.
- Roscher C., Temperton V.M., Scherer-Lorenzen M., Schmitz M., Schumacher J., Schmid B., Buchmann N., Weisser W.W., Schulze E.D. 2005. Overyielding in experimental grassland communities – irrespective of species pool or spatial scale. *Ecology Letters* 8, 419-429
- Svenning J.C., Skov F. 2007. Could the tree diversity pattern in Europe be generated by postglacial dispersal limitation? *Ecology Letters* 10, 453-460.
- Vittoz P., Bodin J., Ungricht S., Burga C., Walther G.-R. 2007. One century of vegetation change on Isla Persa, a nunatak in the Bernina massif in the Swiss Alps. Unpublished manuscript.
- Vittoz P., Guisan A. 2003. Le projet PERMANENT.PLOT.CH demande votre collaboration. *Botanica Helvetica* 113, 105-110.
- Vittoz P., Jutzeler S., Guisan A. 2006. Flore alpine et réchauffement climatique: observation de trois sommets valaisans à travers le 20^{ème} siècle. *Bulletin de la Murithienne* 123/2005, 49-59.
- Walther G.-R., Beißner S., Burga C.-A. 2005. Trends in the upward shift of alpine plants. *Journal of Vegetation Science* 16, 541-548.

26.7.2007 gk/dp