

## Curriculum vitae of Christian Körner

Prof. Dr. DDr h.c. Christian Körner (1949) is Austrian citizen, Swiss resident (CV composed: 7 Feb 2016)  
ch.koerner@unibas.ch, <http://plantecology.unibas.ch/koerner/index.shtml>

1973-1977 Ph.D. Univ. Innsbruck, with W. Larcher, part of IBP (Water relations of alpine plants).  
1977-1980 Postdoc: Austrian MAB alpine program (alpine water cycle, hydrology).  
1981,1989 Postdoctoral fellow, Res School of Biol Sci, ANU, Canberra, (tree water relations)  
1989-2014 Full Professor for Botany, University of Basel  
2014 Prof. emeritus, chair alpine research station ALPFOR (2008-).

### General Research interest

- The influence of increasing atmospheric CO<sub>2</sub> concentration on natural vegetation
- Forest water relations under global change
- Alpine plant ecology and biodiversity (see GMBA and ALPFOR)
- High Elevation Treeline Research
- Implications of drought in the Mediterranean
- Various projects in bioclimatology and range limits of plant species

### Memberships

- Austrian Academy of Sciences (Vienna)
- Deutsche Akademie der Naturforscher Leopoldina (Halle)
- National Academy of India - Foreign Fellow
- Swiss Academy of Sciences - Counsellor
- German, British & American Ecol Societies, German & Swiss, Botanical Societies

### National Committees

- Past president and member of ProClim (Forum for Climate and Global Change, SCnat)
- Past president and member of Swiss Forum Biodiversity (SCnat)

### International Committees (examples)

- Chair of the Global Mountain Biodiversity assessment (GMBA) of DIVERSITAS (2000-2014)
- Task leader, Global Change & Terr. Ecosys (GCTE) and SSC of IGBP for CO<sub>2</sub> effects (1998-2004)
- Convening Lead Author (CLA) Global Millenn Ecosys Assess (MA) Chap 24, Mountains (2002-2005)
- Science advisory board EASAC, Bussels/Halle a.S. (2009-2014)
- Reviewer and contributing author for the Intergovernmental Panel on Climate Change (IPCC) (2005-)
- Various Advisory boards (e.g. Senckenberg Museum, Frankfurt, National Park Hohe Tauern, Austria)

### Academic achievements

- Highest cited category of authors ISI since 2000: <http://www.isihighlycited.com>, ISI H-Index >70
- Advisory board/vice president of International Botanical Congresses (St Louis, Vienna, Beijing)
- Co-author 'Strasburger' Botany textbook (founded 1894, 35-37th German, Ital, Span, Russ, Engl eds)
- Tansley lecture 2002 of the British Ecological Society
- Private Royal Colloquium on alpine ecology, Swed. Acad. Sci, with the King of Sweden, 2003
- Plenary keynote 8th SBSTA /CBD Convention of Biodiversity, Montreal 2003
- Plenary lecture, International Botanical Congress, Vienna 2005
- Plenary lecture/opening session Earth System Science Partnership (ESSP), Beijing 2006
- Marsh Award, British Ecological Society for outstanding achievements in the science of ecology (2007)
- King Albert I Mountain Award for outstanding high elevation research with a global perspective (2010)
- Dr. h.c. University of Innsbruck (2013), Dr. h.c. Ilia University Tbilisi, Georgia (2014)
- Elected life time Foreign Honorary Member of the Ecological Society of America (ESA) 2013

### Editorial boards

- Editor-in-Chief of Oecologia (1997-2012); Frontiers in Funct Plant Ecology (2010-2015)
- Editorial boards of Science Mag. (2000-2004), TREE (2000-), GCB 1998-2011, Alpine Botany (2010-)
- Facultyof1000 (PubMed, 2007-); Plant Ecol Divers (2011-), Biologie in unserer Zeit (Wiley, 1990-)

**Publications:** >350 ISI papers (see web page), 15.000 cit., H-index >70; 20 authored or edited books.

**Major books:** Körner C (2003) Alpine Plant Life (Chinese Translation, Beijing 2008); (2012) Alpine Treelines; (2013) Plant Ecology, in Strasburger Plant Sciences; all three with Springer, Berlin