

CURRICULUM VITAE

Name: **Doc. RNDr. Michal Hejcman, Ph.D.**
Address: Department of Ecology, Faculty of Environmental Sciences, Czech University of Life Sciences (formerly Czech University of Agriculture), Kamýcká 1176, CZ165 21 Prague 6 – Suchdol, Czech Republic
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Date of birth: 9th January 1976
Nationality: Czech



Michal Hejcman together with his sons (Míša, Honzík and Jára) in summer 2007

Education

- 1990 – 1994 Agricultural High School in Hořice v Podkrkonoší, specialization: animal and crop production (farmer)
- 1994 – 1999 Faculty of Biological Sciences, University of South Bohemia in České Budějovice, specialization: geobotany (plant ecology, MSc. (Mgr.))
- 2003 – 2005 Czech University of Life Sciences in Prague – post gradual study (Ph.D.) in the field Ecology, specialization: grassland management, plant ecology, environmental policy
- 2007 Czech University of Life Sciences – habilitation (associated professor, Doc.) in the field Ecology
- 2008 – Charles University in Prague - post gradual study (Ph.D.) in the field Botany, specialization: Effect of fertilizer application on grassland functioning

Employment

- 1999 – Private farmer
- 2000 – 2003 Krkonoše National Park Administration in Vrchlabí, expert for plant ecology, mountain agriculture and Natura 2000
- 2003 – 2005 Czech University of Life Sciences in Prague, Department of Forage Crops and Grassland Management, expert for ecology and management of grasslands
- 2005 – Czech University of Life Sciences in Prague, Department of Ecology, expert for plant ecology and management of grasslands
- 2007 – Crop Research Institute Prague –Ruzyně, Division of Plant Nutrition, specialization: long-term fertilizer experiments

Professional experience

- 1997 Finland – Research of forest ecosystems
- 2001 September – Stelvio National Park (Italy) – Research in mountain areas
- 2002 June – Wageningen University (Holland) – Agriculture and nature conservation
- 2002 July – August – Hardangervidda and Dovrefjell National Parks (Norway) – Research of tundra ecosystems
- 2002 October – Snowdonia National Park (United Kingdom) – Natura 2000 and Agri–environmental schemes in Wales
- 2003 October – George August University in Gottingen (Germany) – Livestock grazing and nature conservation
- 2003 November – December – Cheikh Anta Diop University in Dakar (Senegal) – Nature conservation in West Africa, grazing ecology of antelopes
- 2004 June – 20th General Meeting of the European Grassland Federation in Luzern (Switzerland)
- 2004 June – University of Bonn (Germany) – Pasture Ecology Group Meeting
- 2004 November – December – Cheikh Anta Diop University in Dakar (Senegal) – Research of savannah ecosystems
- 2005 June – University of Bonn (Germany) – research of long–term fertilization experiment
- 2005 August – Occasional Symposium of the European Grassland Federation in Tartu (Estonia)
- 2006 February – University of Bonn (Germany) – Lecture about using of multivariate data analysis in agronomical research of grasslands
- 2006 June – University of Bonn (Germany) - Research of long term fertilizer experiment on the Rengen Grassland Farm.

- 2007 April - University of Bonn (Germany) – Plant nutrition and long-term experiments, data analysis and preparation of manuscript and grant proposal.
- 2007 June - University of Bonn (Germany) - Research of long term fertilizer experiment on the Rengen Grassland Farm.
- 2007 September – Occasional Symposium of the European Grassland Federation in Ghent (Belgium)
- 2007 September – INRA Toulouse (France) – Workshop: Long-term fertiliser experiments on grasslands
- 2007 November – Steinach Experimental Station (Germany, Bavaria) – Field meeting on long-term fertiliser experiment with Bavarian colleagues
- 2008 April – University of Bonn (Germany) – Analysis of data from long-term experiments, Steinach Experimental Station (Germany, Bavaria) – soil samples collection
- 2008 April – Delta de Saloum National Park (Senegal) – Data collection in the Fathala Reserve – diet selection of Western Giant Eland antelope.
- 2008 June - University of Bonn (Germany) – Data collection on Rengen Grassland Experiment
- 2008 September – Steinach Experimental Station (Germany) – research of long-term fertilizer experiments
- 2008 September – October – INRA in Toulouse (France) - research of long-term fertilizer experiments, preparing of papers and project proposal
- 2009 January - University of Bonn (Germany) – Analysis of data from long-term experiments
- 2009 June – Crete - Meeting of International Association for Vegetation Science (Greece)
- 2009 June - University of Bonn (Germany) - Research of long term fertilizer experiment on the Rengen Grassland Farm.
- 2009 July – Trebišov (Slovakia) – Floristic course (vegetation of Eastern Slovakia)
- 2009 August – Dachstein Mts. (Austria) – vegetation of high mountains, excursion

Graduated PhD. students

- 2005 – Mgr. Pavla Nežerková, Ph.D. (Habitat assessment and conservation of Western Giant eland in Senegal (*Taurotragus derbianus derbianus* Gray 1847) in Senegal), Institute Tropics and Sub-tropics, Czech University of Life Sciences.
- 2008 – Ing. Dagmar Honsová, Ph.D. (Grassland management and its effect on sward and soil characteristics in the Czech Republic), Department of Forage Crops and Grassland Management, Czech University of Life Sciences.
- 2008 – Mgr. Ing. Michaela Klaudisová, Ph.D. (Effect of fertilizer application on vegetation of *Nardus* grasslands), Department of Forage Crops and Grassland Management, Czech University of Life Sciences.

Graduated MSc. students

- 2007– Ing. Václav Valdman (Development of agricultural landscape around village Kolečovice close to Rakovník). Department of Ecology and Environment, Czech University of Life Sciences.
- 2008 – Ing. Jiří Benda (Effect of management on plant species composition of grassland). Department of Ecology and Environment, Czech University of Life Sciences.
- 2008 – Ing. Ondřej Havlík (Conservation of clonally reproduced plants from the genus *Allium*). Department of Ecology and Environment, Czech University of Life Sciences.

- 2008 – Ing. Miloš Krump (Ecology of *Hypericum perforatum* and *H. maculatum* – comparative study), Department of Ecology and Environment, Czech University of Life Sciences.
- 2008 – Ing. Petr Polák (The spread and control of *T. latifolia* (broad-leaved cattail) in the Jizera Mts.). Department of Ecology and Environment, Czech University of Life Sciences.
- 2009 – Ing. Lucie Chmelíková (Family *Fabaceae* – root systems)
- 2009 – Ing. Pavel Brázdil (Comparison of *Rumex obtusifolius* and *R. crispus* germination)
- 2009 – Ing. Radek Adam (Proposal of the project for restoration of gene pool area of beech (*Fagus sylvatica*))
- 2009 – Ing. Luděk Bella (Eland antelopes in ZOO Dvůr Králové nad Labem – assessment of relate sex in offsprings)
- 2009 – Ing. Barbora Kočí (Effect of long-term fertilizer application on plant species composition of grassland)
- 2009 – Ing. Lukáš Křídlo (Reconstruction of preparatory stands at the forest district Petrovice)
- 2009 – Ing. Radek Hejda (Biodiversity and the analysis of natural conditions in the nature reserve Červená louka)
- 2009 – Ing. Pavlína Pokorná (Grazing behaviour of sheep and goats on species rich steppe grassland)

Graduated Bc. students

- 2007 – Bc. Lenka Sochorová (*Cephalanthera* spp. – ecology and endangerment)
- 2009 – Bc. Martin Ševčík (Reconstruction of forests in the Ore Mts.)
- 2009 – Bc. Jana Hrdličková (Ecology of *Rumex obtusifolius* and *R. crispus* – seed dormancy and effect of nutrients on their germination)
- 2009 – Bc. Olga Čermáková (Changes in vegetation of broad-leaved dry grassland (*Bromion erecti* alliance) caused by various management)
- 2009 – Bc. Kateřina Chytrová (Analysis of organic farming in the Czech Republic)

Membership in PhD. boards (Czech University of Life Sciences)

Ecology
Applied Ecology
Dendrology and Genetics of Woody Plants

Membership in Scientific Boards

Scientific Board of the Faculty of Environmental Sciences (Czech University of Life Sciences)
Scientific Board of the Faculty of Forestry and Wood Sciences (Czech University of Life Sciences)

Membership in Editorial Boards

The Open Ecology Journal
Plant, Soil and Environment

Membership in Scientific Organizations

Czech Botanical Society
International Association for Vegetation Science

Participation on projects

- VaV MŽP 610/3/00 Complex analyses of long term changes in the Giant Mountains tundra (2000–2004), co–investigator
- GAČR 526/03/0528 Effect of various management on the grassland vegetation in the mountain areas (2003–2005), co–investigator
- VaV MŽP 620/4/03 Effect of livestock grazing on the grassland vegetation in the Krkonoše National Park (2003–2005), co–investigator
- MŠMT 2B06012 Bio-diversity management in the Šumava and in the Giant Mts., (2006–), co-investigator (43120/1334/3301)
- NAZV 72217 Control of *Rumex* species in grasslands under organic farming, (2007 –), co-investigator (42110/1424/4214)
- VaV MŽP SP/203/179/07 Functional types of plants and their diversity as an indicators of various management of grasslands, (2007 –), co-investigator (42110/1432/4302)
- GAČR 521/08/1131 Effect of long-term fertilization on grassland functioning (2008 –), investigator (42110/1411/4101)
- MŽP VZ: 60006515 – Czech Republic Development Cooperation – Support to Nature Reserves and National Parks in Senegal (2007 – 2009), co-investigator (participant)
- ECONET (France) – Cooperation of researches from France and other countries, (2007 – 2009), participant.
- 75 - Impact of acidification on soil and water sources (2009 –), Germany (Bavaria) – Czech cooperation project, co-investigator
- MZE 0002700604 Systems for sustainable cultivation of agricultural crop plants and production of high-quality and safe foodstuffs, feedstuffs and raw materials, (2009–), co-investigator

Reviewer for international journals

Acta Agriculturae Scandinavica, Section B – Plant and Soil Science
 Agriculture, Ecosystems and Environment
 Annals of Botany
 Applied Vegetation Science
 Biologia
 Ecological Research
 Folia Geobotanica
 Journal of Environmental Management
 Journal of Vegetation Science
 Plant Ecology
 Plant and Soil
 Plant, Soil and Environment
 Preslia
 Restoration Ecology

Reviewer for Czech national journals

Opera Corcontica
 Acta Rerum Naturalium

Reviewer for Grant Agencies

Czech Science Foundation (GAČR)
 Grant Agency of Charles University (GAUK)
 The Grand Agency of the Academy of Sciences of Czech Republic (GAAV)

Czech National Agency for Agricultural Research (NAZV)

Teaching area at the Czech University of Life Sciences

Plant Ecology (2/2 whole course, two semesters, 2005 - 2006)

Agroecosystems (2/1 whole course, three semesters, 2007 - 2009)

Agroecosystems – field exercise (0/1 whole course, three semesters, 2007 - 2009)

Geobotany (2/1 whole course, one semester, 2009)

Non-forest Vegetation (1/2 whole course, two semesters, 2007 - 2008)

Management of Ecosystems (2/1 two lectures, three semesters, 2006 -2008)

Ecology and Ecological methods (2/1 two lectures, two semesters, 2005 - 2006)

Methods in Ecosystems Studies (2/1 two lectures, four semesters, 2005 -2008)

Protection of Environment (2/1 four lectures, four semesters, 2005 - 2008)

Complex Field Exercise (a weed field work with students – plant species determination, four semesters, 2005 – 2008)

Teaching area at the Masaryk University

Agroecosystems (2/0 whole subject, two semesters, 2007 - 2008)

Teaching area at the Palacký University

Agroecosystems (2/0 whole subject, one semester, 2009; invited lectures in 2006 and 2007)

Publication activity

1. Papers in scientific journals with impact factor

Chytrý M., Hejcman M., Hannekens S. M., Schellberg J. (2009): Changes in vegetation types and Ellenberg indicator values after 65 years of fertilizer application in the Rengen Grassland Experiment, Germany. *Applied Vegetation Science* 12: 167–176.

Gaisler J., Hejcman, M., Pavlů, V. (2004): Effect of different mulching and cutting regimes on the vegetation of upland meadow. *Plant, Soil and Environment* 50: 324–331.

Gaisler J., Pavlů V., Hejcman M. (2006): Effect of Mulching and Cutting on weed species in an upland meadow. *Journal of Plant Diseases and Protection* 20: 831–836.

Gaisler J., Pavlů V., Hejcman M. (2008): Effect of different defoliation practices on weeds in an upland meadow. *Journal of Plant Diseases and Protection* 21: 541–546.

Hejcman M., Auf D., Gaisler J. (2005): Year-round cattle grazing as an alternative management of hay meadows in the Giant Mts. (Krkonoše, Karkonosze), The Czech Republic. *Ekologia – Bratislava* 24: 419-429

Hejcman M., Češková M, Pavlů V. (2010): Control of *Molinia caerulea* by cutting management on sub-alpine grassland. *Flora*. In press.

Hejcman M., Dvořák I., Kociánová M., Pavlů V., Nežerková P., Vitek O., Rauch O., Jeník J. (2006): Snow depth and vegetation pattern in a late-melting snow-bed analyzed by GPS and GIS in the Giant Mountains, Czech Republic. *Arctic, Antarctic, and Alpine Research* 38: 90-98.

- Hejzman M., Klaudivová M., Hejzmanová P., Pavlů V., Jones M. (2009): Expansion of *Calamagrostis villosa* in sub-alpine *Nardus stricta* grassland: Cessation of cutting management or high nitrogen deposition? *Agriculture, Ecosystems and Environment* 129: 91-96.
- Hejzman M., Klaudivová M., Schellberg J., Honsová D. (2007): The Rengen Grassland Experiment: plant species composition after 64 years of fertilizer application. *Agriculture, Ecosystems and Environment* 122: 259-266.
- Hejzman M., Klaudivová M., Schellberg J., Pätzold S. (2010): The Rengen Grassland Experiment: effect of soil chemical properties on biomass production, plant species composition and species richness. *Folia Geobotanica*. In press.
- Hejzman M., Klaudivová M., Štursa J., Pavlů V., Hakl J., Schellberg J., Hejzmanová P., Rauch O., Vacek S. (2007): Revisiting a 37 years abandoned fertilizer experiment on *Nardus* grassland in the Czech Republic. *Agriculture, Ecosystems and Environment* 118: 231–236.
- Hejzman M., Kunzová E. (2010): Sustainability of winter wheat production on sandy-loamy Cambisol in the Czech Republic: results from a long-term fertilizer and crop rotation experiment. *Field Crops Research* 115: 191–199.
- Hejzman M., Nežerková P., Pavlů V., Gaisler J., Lokvenc T., Pavlů L. (2005): Regeneration of *Nardus stricta* subalpine grasslands in the Giant Mountains (Krkonoše). *Acta Societatis Botanicorum Poloniae* 74: 253–258.
- Hejzman M., Pavlů V., Hejzmanová P., Gaisler J., Hakl J., Rauch O. (2006): Farmer decision making and its effect on the subalpine grassland succession in the Giant Mountains, Czech Republic. *Acta Societatis Botanicorum Poloniae* 75: 165–174.
- Hejzman M., Schellberg J., Pavlů V. (2010): Long-term effects of cutting frequency and liming on soil chemical properties, biomass production and plant species composition of *Lolio-Cynosuretum* grassland after the cessation of fertilizer application. *Applied Vegetation Science*. In press.
- Hejzman M., Száková J., Schellberg J., Šrek P., Tlustoš P. (2009): The Rengen Grassland Experiment: soil contamination by trace elements after 65 years of Ca, N, P and K fertiliser application. *Nutrient Cycling in Agroecosystems*. 83: 39–50.
- Hejzman M., Száková J., Schellberg J., Šrek P., Tlustoš P., Balík J. (2010): The Rengen Grassland Experiment: bryophytes biomass and element concentrations after 65 years of fertilizer application. *Environmental Monitoring and Assessment*. In press.
- Hejzman M., Száková J., Schellberg J., Tlustoš P. (2010): The Rengen Grassland Experiment: relationship between soil and biomass chemical properties, the amount of applied elements and their uptake. *Plant and Soil*. In press.
- Hejzman M., Žáková I., Bílek M., Bendová P., Hejzmanová P., Pavlů V., Stránská M. (2008): Sward structure and diet selection after sheep introduction on an abandoned grassland in the Giant Mts., Czech Republic. *Biologia* 63: 506–514.
- Hejzmanová P., Stejskalová M., Pavlů V., Hejzman M. (2009): Behavioural patterns of heifers under intensive and extensive continuous grazing on species rich pasture in the Czech Republic. *Applied Animal Behaviour Science* 117: 137–143.
- Hejzmanová P., Hejzman M., Camara A. A., Antonínová M. (2010): Exclusion of livestock grazing and wood collection in dryland savanna: an effect on long-term vegetation succession. *African Journal of Ecology*. In press.
- Hejzmanová P., Homolka M., Antonínová M., Hejzman M., Podhájecká V. (2010): Diet composition of Western Derby eland (*Taurotragus derbianus derbianus*) in dry season in a natural and a managed habitat in Senegal using faeces analyses. *South African Journal of Wildlife Research*. In press.

- Hejcmanová-Nežerková P., Hejcman M. (2006): A canonical correspondence analysis (CCA) of the vegetation–environment relationships in Sudanese savannah, Senegal. *South African Journal of Botany* 72: 256–262.
- Hejcmanová-Nežerková P., Hejcman M., Camara A. A., Antonínová M., Pavlů V., Černý T., Bâ A. T. (2005): Analysis of herbaceous undergrowth in woody savanna in Fathala Reserve, Delta du Saloum National Park, Senegal. *Belgian Journal of Botany* 138: 119–128.
- Honsová D., Hejcman M., Klaudivová M., Pavlů V., Kocourková D., Hakl J. (2007): Species composition of an alluvial meadow after 40 years of applying nitrogen, phosphorus and potassium fertilizer. *Preslia* 79: 245–258.
- Hrevušová Z., Hejcman M., Pavlů V., Hakl J., Klaudivová M., Mrkvička J. (2009): Long-term dynamics of biomass production, soil chemical properties and plant species composition of alluvial grassland after the cessation of fertilizer application in the Czech Republic. *Agriculture, Ecosystems and Environment* 130: 123–130.
- Klaudivová M., Hejcman M., Pavlů V. (2009) Long-term residual effect of short-term fertilizer application on Ca, N and P concentrations in grasses *Nardus stricta* L. and *Avenella flexuosa* L. *Nutrient Cycling in Agroecosystems* 85: 187–193.
- Komárek P., Pavlů V., Hejcman M. (2010): Effect of depth and width of cultivation and sowing date on establishment of red clover (*Trifolium pratense* L.) by rotary slot seeding into grassland. *Grass and Forage Science* 65: In press.
- Kunzová E., Hejcman M. (2009): Yield development of winter wheat over 50 years of FYM, N, P and K fertilizer application on black earth soil in the Czech Republic. *Field Crops Research* 111: 226–234.
- Pavlů L., Pavlů V., Gaisler J., Hejcman M. (2008): Effect of cessation of grazing management on dynamics of grassland weedy species. *Journal of Plant Diseases and Protection* 21: 581–586.
- Pavlů V., Gaisler J., Hejcman M., Pavlů L. (2006): Effect of different grazing system on dynamics of grassland weedy species. *Journal of Plant Diseases and Protection* 20: 377–383.
- Pavlů V., Gaisler J., Hejcman M., Pavlů L. (2008): Effect of different grazing intensity on weed control under conditions of organic farming. *Journal of Plant Diseases and Protection* 21: 441–446.
- Pavlů V., Hejcman M., Mikulka J. (2009): Cover estimation versus plant density counting in temperate pasture under different grazing intensity. *Environmental Monitoring and Assessment* 156: 419–424.
- Pavlů V., Hejcman M., Pavlů L., Gaisler J. (2003): Effect of rotational and continuous grazing on vegetation of the upland grassland in the Jizerské hory Mts., Czech Republic. *Folia Geobotanica* 38: 21–34.
- Pavlů V., Hejcman M., Pavlů L., Gaisler J. (2007): Effect of strip seeding of *Trifolium repens* on sward under continuous cattle grazing. *Die Bodenkultur – Austrian Journal of Agricultural Research* 56: 15–21.
- Pavlů V., Hejcman M., Pavlů L., Gaisler J. (2007): Restoration of grazing management and its effect on vegetation in an upland grassland. *Applied Vegetation Science* 10: 375–382.
- Pavlů V., Hejcman M., Pavlů L., Gaisler J., Nežerková P. (2006): Effect of continuous grazing on forage quality, quantity and animal performance. *Agriculture, Ecosystems and Environment* 113: 349–355.
- Pavlů V., Hejcman M., Pavlů L., Gaisler J., Nežerková P., Andaluz M. G. (2005): Vegetation changes after cessation of grazing management in the Jizerské Mountains (Czech Republic). *Annales Botanici Fennici* 42: 343–349.

- Pavlů V., Hejcman M., Pavlů L., Gaisler J., Nežerková P., Meneses L. (2006): Changes in plant densities in a mesic species-rich grassland after imposing different grazing management treatments. *Grass and Forage Science* 61: 42–51.
- Semelová V., Hejcman M., Pavlů V., Vacek S., Podrázský V. (2008): The Grass Garden in the Giant Mts. (Czech Republic): residual effect of long-term fertilization after 62 years. *Agriculture, Ecosystems and Environment* 123: 337–342.
- Upreti D., Hejcman M., Száková J., Kunzová E., Tlustoš P. (2009): Concentration of trace elements in arable soil after long-term application of organic and inorganic fertilizers. *Nutrient Cycling in Agroecosystems* 85: 241–252.
- Vacek S., Hejcman M., Semelová V., Remeš J., Podrázský V. (2009): Effect of soil chemical properties on growth, foliation and nutrition of Norway spruce stand affected by yellowing in the Bohemian Forest Mts., Czech Republic. *European Journal of Forest Research* 128: 367–375.

2. Papers in other scientific journals

- Dvořák I., Kociánová M., Hejcman M., Tremel V., Vaněk J. (2004): 41 (1): Linkage between Geo- and Biodiversity on example of snow-patch “Map of Republic” (Modrý důl Valley). *Opera Corcontica* 41 (1): 100–110 (In Czech, with English summary).
- Hakl J., Šantrůček J., Hejcman M., Fuksa P. (2008): The relation of compressed height to alfalfa (*Medicago sativa* L.) dry matter yield. *Scientia Agriculturae Bohemica* 38: 12 – 15.
- Hejcman M., Pavlů V., Krahulec F. (2002): Livestock grazing and its use in nature conservation. *Zprávy Čes. Bot. Společ.* 37: 203 – 216 (In Czech, with English summary).
- Hejcman M., Pavlů V., Peterová J., Řičařová P. (2003): The expansion of *Calamagrostis villosa* in the Giant Mountains – Preliminary results. *Acta Agraria et Silvestria* 40: 139–152.
- Hejcman M., Žáková I., Stránská M., Bílek M. (2004): Reestablishment of Grassland Management in the Klínové Boudy Locality – Sheep Grazing Preferences and Sward Structure under Defoliation. *Opera Corcontica* 41 (2): 552–559.
- Lanta V., Hejcman M. (2002): Restoration of bog spruce forests in the Giant Mountains, Czech Republic. *Vč. sb. přír. – Práce a studie* 10: 39–46.
- Lanta V., Hejcman M., Svobodová P. (2006): Notes to the occurrence of protected plant species occurring in the western part of the Giant Mountains. *Vč. Sb. Přír. – Práce a studie* 13: 115-126 (In Czech, with English summary).
- Nežerková P., Antonínová M., Kotrba R., Hejcman M., Verner P. H. (2004): The conservation programme of the western giant eland (*Tragelaphus derbianus derbianus*) in Senegal. *Game and Wildlife Science* 21 (4): 811 – 814.
- Semelová V., Hejcman M., Hartmanová O., Lokvenc T. (2008): Grass Garden near Luční bouda chalet: long-term residual effect of organic fertilization. *Opera Corcontica* 44/2: 379 – 383.
- Vacek S., Podrázský V., Hejcman M., Remeš J. (2006): Effect of Mg fertilization on yellowing disease of Norway spruce at higher elevations of the Šumava Mts., Czech Republic. *Journal of Forest Science* 52: 474 – 481.
- Vacek S., Mikeska M., Podrázský V., Hejcman M. (2007): Vývoj krajiny v bilaterální biosférické rezervaci Krkonoše / Karkonosze (Landscape development in the Bilateral Biosphere Reserve Krkonoše / Karkonosze, In Czech with English summary). *Opera Corcontica* 44: 485 – 495.

3. Papers in proceedings from the scientific conferences

- Gaisler J., Hejzman M., Pavlů V. (2003): Changes in sward structure under various frequencies of defoliation (In Czech, with English summary). In: Kohoutek A., Pozdíšek J. (Eds.): *Ekologicky šetrné a ekonomicky přijatelné obhospodařování travních porostů*. VÚRV, Praha 192–197.
- Gaisler J., Hejzman M., Pavlů V. (2004): Effect of different management on the botanical composition of permanent grassland. In: Luscher B., Jeangros B., Kessler W., Huguenin O., Lobsiger M., Millar N., Suter D. (Eds.): *Land use systems in grassland dominated regions – Grassland science in Europe 9*. Proceedings of the 20th general meeting of the European Grassland Federation, Luzern, Switzerland 849–851.
- Gaisler J., Pavlů V., Pavlů L., Hejzman M. (2009): Effect of cessation of cutting and fertilization on plant species composition in an upland grassland. In: *2nd European Congress of Conservation Biology – book of abstracts*. Prague 1. – 5. 2009, 201.
- Gaisler J., Pavlů V., Hejzman M. (2002): Vliv intenzity pastvy na koncentraci a vyplavování živin v lyzimetrických vodách (Effect of grazing intensity on concentrations and nutrients leaching in lysimetric waters). In: Říha (Ed.): *Chov a šlechtění skotu pro konkurenceschopnou výrobu a obhospodařování drnového fondu*. Výzkumný ústav pro chov skotu, Rapotín 168–176.
- Gaisler J., Pavlů V., Hejzman M. (2006): Effect of mulching frequency on botanical composition of grassland. *Grassland Science in Europe* 11: 134–136.
- Gaisler J., Pavlů V., Hejzman M. (2007): Effect of mulching on rate of legumes in meadow forage. Proceedings of international conference "Grassland Ecology VII", Banská Bystrica, 28.-30.11.2007, 449-453.
- Gaisler J., Pavlů V., Hejzman M. (2004): Effect of mulching frequency on legumes cover in sward (In Czech, with English abstract). In: Vozár (Ed.): *Produkčné, ekologické a krajnotvorné funkcie trávnych ekosystémov a krmných plodín*. Slovenská poľnohospodárska univerzita, Nitra 161–165.
- Hejzman M. (2006): Porovnání pastevního chování různých druhů hospodářských zvířat (Comparison of grazing behavior of various livestock species). In: Sborník přednášek ze setkání chovatelů a mezinárodní konference. Svaz chovatelů ovcí a koz v ČR a MZLU, Brno 72-74.
- Hejzman M., Březina S., Rauch O. (2002): Livestock grazing as an alternative management for montane meadows in the Giant Mountains – Preliminary results. In: Bottarin R. & Tappeiner U. (Eds.): *Interdisciplinary Mountain Research*. Blackwell, Berlin 220–230.
- Hejzman M., Klaudivová M., Šormová D. (2006): Effect of Cutting Management on *Calamagrostis villosa* in Area above the Upper Tree Limit. In: Šťastná P., Knapik R. (Eds.): *Geoekologické problémy Krkonoš – Sborník abstraktů z mezinárodní vědecké konference, Správa KRNAP, Vrchlabí*, 23.
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