COMISIA BIOLOGIE ŞI BIOCHIMIE

Standarde minimale necesare şi obligatorii pentru conferirea titlurilor didactice din învăţământul superior şi a gradelor profesionale de cercetare-dezvoltare

Ruprecht Eszter Karolina

A. Condiţii preliminare obligatorii

Parametrul	Abilitare	Performanţa obţinută de candidat
1. Calificarea profesională	licenţă, masterat, specializare postuniversitară sau "postdoc" în domeniul postului sau al unuia echivalent	- Licențiat în Biologie, specializarea Ecologie şi Protecţia Mediului (Diplomă de licență seria R nr. 0031482, nr. 1909 din 25 august 1999) - Universitatea "Babeş-Bolyai" din Cluj-Napoca/ Facultatea de Biologie şi Geologie, perioada 1994-1998 - Studii postuniversitare la Institutul de Cercetare de Ecologie şi Botanică al Academiei Maghiare, Vácrátót, Ungaria, perioada 1999
2. Calificarea ştiinţifică	titlul de Doctor în specialitatea disciplinei postului sau foarte înrudită cu aceasta	- Titlul de Doctor (PhD) în Biologie (Ecologie), teză susţinută în 2007 (Diplomă de doctor seria P-2175/2007, Atestat M.E.C. seria I nr. 0000922, nr. 23324 din data de 12.11.2007), Universitatea Eötvös Loránd din Budapesta, Ungaria, Programul doctoral de Biologie
3. Coordonare proiecte de cercetare	minimum două granturi naţionale în calitate de director (sau responsabil de proiect în cazul parteneriatelor) sau unul naţional (în calitate de director) şi unul internaţional (în calitate de responsabil naţional)	- **1 grant naţional** în calitate de director de proiect în perioada 2010-2013, finanțat de CNCSIS-UEFISCSU, proiect PN II-RU TE 296, nr. 71/29.07.2010, titlu: „Consecinţele schimbării modului de utilizare a terenurilor asupra diversităţii pajiştilor şi posibile metode de management"; buget total 704723 RON. - **1 grant postdoctoral internațional** în perioada 2010-2011, finanțat de Universitatea Antwerpen din Belgia, titlu: „Do sudden environmental changes in habitats induce biological invasions?"; buget total 27876 EUR.

B. Criterii şi standarde minimale

Se propun următoarele 3 criterii calitative şi cantitative (C1, C2, C3):

C.1. Evaluarea activităţii de cercetare

Tabel 1. Parametrii luați în calcul și modul lor de cuantificare

Nr. P	Parametrul (P)	AI	Nr. citări Google Scholar	Punctaj
1	**Articole în reviste cotate ISI, ca autor principal** conform formulei (1): 1 x [10+(5 x AI1)+c1] + 1 x [10+(5 x AI2)+c2] + ...			
	Ruprecht, E. (2005). Secondary succession in old-fields in the Transylvanian Lowland (Romania). *Preslia, Praha* 77: 145-157.	0,7	39	52,5
	Ruprecht, E. (2006). Successfully recovered grassland: a promising example from Romanian old-fields. *Restoration Ecology* 14: 473-480.	0,8	59	73
	Ruprecht, E., Bartha, S., Botta-Dukát, Z., Szabó, A. (2007). Assembly rules during old-field succession in two contrasting environments. *Community Ecology* 8: 31-40.	0,4	9	21
	Ruprecht, E., Donath, T.W., Otte, A., Eckstein, R.L. (2008). Chemical effects of a dominant grass on seed germination of four familial pairs of dry grassland species. *Seed Science Research* 18: 239-248.	0,7	26	39,5
	Enyedi, Z.M., **Ruprecht, E.**, Deák, M. (2008). Long-term effects of the abandonment of grazing on steppe-like grasslands. *Applied Vegetation Science* 11: 55-62.	0,8	30	44
	Ruprecht, E., Enyedi, M.Z., Eckstein, R.L., Donath, T.W. (2010). Restorative removal of plant litter and vegetation 40 years after abandonment enhances re-emergence of steppe grassland vegetation. *Biological Conservation* 143: 449-456.	1,6	30	48
	Ruprecht, E., Józsa, J., Ölvedi, T.B., Simon, J. (2010). Differential effects of several “litter” types on the germination of dry grassland species. *Journal of Vegetation Science* 21: 1069-1081.	1,1	26	41,5
	Ruprecht, E., Szabó, A. (2012). Grass litter is a natural seed trap in long-term undisturbed grassland. *Journal of Vegetation Science* 23: 495-504.	1,1	19	34,5
	Ruprecht, E., Fenesi, A., Nijs, I. (2013). Sudden changes in environmental conditions do not increase invasion risk in grassland. *Acta Oecologica* 47: 8-15.	0,6	3	16
	Ruprecht, E., Fenesi, A., Fodor, E.I., Kuhn, T. (2013). Prescribed burning as an alternative management in grasslands of temperate Europe: The impact on seeds. *Basic and Applied Ecology* 14: 642-650.	1,0	2	17
	Fenesi, A., Geréd, J., Sándor, D., **Ruprecht, E.** (2014). Can transgenerational plasticity contribute	1,4	1	18

	to the invasion success of annual plant species? *Oecologia* 176:95-106.			
	Fenesi, A., Albert, Á., **Ruprecht, E.** (2014). Fine-tuned ability to predict future competitive environment in *Ambrosia artemisiifolia* seeds. *Weed Research* 54: 58-69.	0,6	1	14
	Ruprecht, E., Fenesi, A., Nijs, I. (2014). Are plasticity in functional traits and constancy in performance traits linked with invasiveness? An experimental test comparing invasive and naturalized plant species. *Biological Invasions* 16: 1359-1372.	1,0	3	18
	Ruprecht, E., Janišová, M., Sutcliffe, L., Boch, S., Becker, T. (2015). Dry grasslands of Central-Eastern and South-Eastern Europe shaped by environmental heterogeneity and human land use – Editorial to the 10th Dry Grassland Special Feature. *Tuexenia* 35: 321-328.	0,3	0	11,5
	Ruprecht, E., Fenesi, A., Fodor, E.I., Kuhn, T., Tökölyi, J. (2015). Shape determines fire tolerance of seeds in temperate grasslands that are not prone to fire. *Perspectives in Plant Ecology, Evolution and Systematics*, in press (DOI: 10.1016/j.ppees.2015.07.001).	1,7	0	18,5
	Ruprecht, E., Enyedi, M.Z., Szabó, A., Fenesi, A. (2015). Biomass removal by clipping and raking *vs*. burning for the restoration of abandoned *Stipa*-dominated European steppe-like grassland. *Applied Vegetation Science*, in press (DOI: 10.1111/avsc.12199).	0,8	0	14
	Fenesi, A., Geréd, J., Meiners, S.J., Tóthmérész, B., Török, P., **Ruprecht, E.** (2015). Does disturbance enhance the competitive effect of the invasive *Solidago canadensis* on the performance of two native grasses? *Biological Invasions*, in press (DOI: 10.1007/s10530-015-0954-8).	1,0	0	15
	Ruprecht, E., Lukács, K., Domokos, P., Kuhn, T., Fenesi, A. (2015). Hydration status influences seed fire tolerance in temperate European herbaceous species. *Plant Biology*, in press (DOI: 10.1111/plb.12394).	0,7	0	13,5
			Σ1	**509,50**
2	**Articole în reviste cotate ISI, ca şi contributor** conform formulei (2): 0,7 x [10+(5 x AI1)+c1] + 0,7 x [10+(5 x AI2)+c2] + ...			
	Bartha, S., Campetella, G., **Ruprecht, E.**, Kun, A., Házi, J., Horváth, A., Virágh, K., Molnár, Zs. (2008). Will interannual variability in sand grassland communities increase with climate change? *Community Ecology* 9 (Suppl): 13-21.	0,4	11	16,1
	Wagner, V., Treiber, J., Danihelka, J., **Ruprecht, E.**, Wesche, K., Hensen, I. (2012). Declining genetic diversity and increasing genetic isolation towards the range periphery of *Stipa pennata*, a Eurasian feather grass. *International Journal of Plant Sciences* 173(7): 1-11.	0,6	8	14,7
	Durka, W., Nossol, C., Welk, E., **Ruprecht, E.**, Wagner, V., Wesche, K., Hensen, I. (2013). Extreme genetic depauperation and differentiation of both populations and species in Eurasian feather grasses (*Stipa*). *Plant Systematics and Evolution* 299: 259-269.	0,4	8	14

	Schmiede, R., **Ruprecht, E.**, Eckstein, R.L., Otte, A., Donath, T.W. (2013). Establishment of rare flood meadow species by plant material transfer: Experimental tests of threshold amounts and the effect of sowing position. *Biological Conservation* 159: 222-229.	1,6	5	16,1
	Becker, T., Reitalu, T., **Ruprecht, E.**, Dengler, J. (2013). Dry grassland of Europe: biodiversity, classification, conservation and management – Editorial to the 8th Dry Grassland Special Feature. *Tuexenia* 33: 285-291.	0,3	2	9,45
	Turtureanu, P.D., Palpurina, S., Becker, T., Dolnik, C., **Ruprecht, E.**, Sutcliffe, L.M.E., Szabó, A., Dengler, J. (2014). Scale- and taxon-dependent biodiversity patterns of dry grassland vegetation in Transylvania (Romania). *Agriculture, Ecosystems and Environment* 182: 15-24.	1,2	13	20,3
	Janišová, M., Boch, S., **Ruprecht, E.**, Reitalu, T., Becker, T. (2014). Continental dry grasslands from range margin to range centre – Editorial to the 9th Dry Grassland Special Feature. *Tuexenia* 34: 347-353.	0,3	1	8,75
	Hirsch, H., Wagner, V., Danihelka, J., **Ruprecht, E.**, Sánchez-Gómez, P., Seifert, M., Hensen, I. (2015). High genetic diversity declines towards the geographic range periphery of *Adonis vernalis*, a Eurasian dry grassland plant. *Plant Biology*, in press (DOI:10.1111/plb.12362).	0,7	0	9,45
	Chytrý, M., Hennekens, S.M., Jiménez-Alfaro, B., Knollová, I., Dengler, J., Jansen, F., Landucci, F., Schaminée, J.H.J., Aćić, 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., Ćušterevska, R., Dajić Stevanović, Z., Danihelka, J., De Bie, E., de Ruffray, P., De Sanctis, M., Dickoré, 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., Işık Gürsoy, D., Jandt, U., Janssen, J.A.M., Jiroušek, M., Kącki, Z., Kavgacı, A., Kleikamp, M., Kolomiychuk, V., Krstivojević Ćuk, M., Krstonošić, D., Kuzemko, A., Lenoir, J., Lysenko, T., Marcenò, C., Martynenko, V., Michalcová, 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.**, Rūsiņa, S., Seidler, G., Šibík, J., Šilc, U., Škvorc, Ž., Sopotlieva, D., Stančić, Z., Svenning, J.-C., 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. (2015). European Vegetation Archive (EVA): an integrated database of European vegetation plots. *Applied Vegetation Science*, in press (DOI: 10.1111/avsc.12191).	0,8	1	10,5
			Σ2	**119,35**
	Σ1-2 (recunoaștere internațională)			**628,85**

3	**Articole în reviste indexate BDI, ca autor principal** conform formulei 1 x (5 x N)		N=5	
	Ruprecht, E., Botta-Dukát, Z. (1999/2000). Long-term vegetation textural changes on three fen communities near Cluj-Napoca (Romania). *Acta Botanica Hungarica* 42: 263-281.			
	Botta-Dukát, Z., **Ruprecht, E.** (1999/2000). Using concentration analysis for operating with indicator values: effect of grouping species. *Acta Botanica Hungarica* 42: 55-63.			
	Penksza, K., **Ruprecht, E. (**2002). Some corrections to the identification and data about the occurrence of *Hierochloe repens* (Host) Simonkai in Romania. *Contribuţii Botanice* 37: 7-12.			
	Ruprecht, E., Szabó, A., Enyedi, M.Z., Dengler, J. (2009). Steppe-like grasslands in Transylvania (Romania): characterisation and influence of management on species diversity and composition. *Tuexenia* 29: 353-368.			
	Ruprecht, E., Fenesi, A., Szabó, A. (2012). Vegetation database of the dry grasslands from the Transylvanian Basin. In: Dengler, J., Oldeland, J., Jansen, F., Chytrý, M., Ewald, J., Finckh, M., Glöckler, F., Lopez-Gonzalez, G., Peet, R.K., Schaminée, J.H.J. (eds.): Vegetation databases for the 21st century. *Biodiversity & Ecology* 4: 413-413.			
			Σ3	**25**
4	**Articole în reviste indexate BDI, ca și contributor** conform formulei 0,7 x (5 x N)		N=3	
	Dengler,J., Todorova, S., Becker, T., Boch, S., Chytrý, M., Diekmann, M., Dolnik, C., Dupré, C., Giusso del Galdo, G.P., Guarino, R., Jeschke, M., Kiehl, K., Kuzemko, A., Löbel, S., Otýpková, Z., Pedashenko, H., Peet, R.K., **Ruprecht, E.**, Szabó, A., Tsiripidis, I., Vassilev, K. (2012). Database Species-Area Relationships in Palaearctic Grasslands. In: Dengler, J., Oldeland, J., Jansen, F., Chytrý, M., Ewald, J., Finckh, M., Glöckler, F., Lopez-Gonzalez, G., Peet, R.K., Schaminée, J.H.J. (eds.): Vegetation databases for the 21st century. *Biodiversity & Ecology* 4: 321-322.			
	Dengler, J., Becker, T., **Ruprecht, E.**, Szabó, A., Becker, U., Beldean, M., Bita-Nicolae, C., Dolnik, C., Goia, I., Peyrat, J., Sutcliffe, L.M.E., Turtureanu, P.D., Uğurlu, E. (2012). *Festuco-Brometea* communities of the Transylvanian Plateau (Romania) – a preliminary overview on syntaxonomy, ecology, and biodiversity. *Tuexenia* 32: 319-359.			
	Török, P., Miglécz, T., Valkó, O., Tóth, K., Kelemen, A., Albert, Á., Matus, G., Molnár, V.A., **Ruprecht, E.**, Papp, L., Deák, B., Horváth, O., Takács, A., Hüse, B., Tóthmérész, B. (2013). New thousand-seed weight records of the Pannonian flora and their application in analysing Social Behaviour Types. *Acta Botanica Hungarica* 55(3–4): 429–472.			
			Σ4	**10,5**
5	**Articole în alte reviste, ca autor principal** conform formulei 1 x N		N=8	
	Ruprecht, E. (1998). Egyes jégkori reliktumok és egyéb növényritkaságok elterjedésének és			

	populációméretének vizsgálata a Kolozsvár környéki Malom-völgyben (Study of some glacial relics and other rare plant species in the Malom-valley near Cluj-Napoca, Transylvania). *Collegium Biologicum* 2: 37-43 [in Hungarian with English abstract].			
	Ruprecht, E. (1999). A lápi vegetáció múltja és jelene a kolozsvári Malom-völgyben (Past and future of the mire vegetation in the Malom valley near Cluj-Napoca). *Múzeumi Füzetek* 8: 110-116 [in Hungarian with English abstract].			
	Ruprecht, E., Botta-Dukát, Z. (1999). Talaj-növényzet kapcsolatok vizsgálata üde láprét-komplexekben (Soil-vegetation relationships in a rich fen-complex). *Kitaibelia* 4(2): 331-340 [in Hungarian with English abstract].			
	Ruprecht, E., Szabó, A. (1999). A Lassuág-völgy lápjainak vegetációja (The vegetation of the mires from the Lassúág valley). *Múzeumi Füzetek* 8: 94-109 [in Hungarian with English abstract].			
	Ruprecht, E. (2000). Előzetes megfigyelések az Erdélyi-Mezőség felhagyott szántói táji léptékű vegetációdinamikájának főbb trendjeiről (Preliminary observations on the landscape-scale vegetation dynamics of old-fields in the Transylvanian Mezőség). *Crisicum* 3: 43-56 [in Hungarian with English abstract].			
	Szabó, A., **Ruprecht, E.** (2001). Az Erdélyi-Mezőség központi részének fontosabb tájtörténeti és tájdinamikai változásai (Important changes of the landscape history and dynamics in the central part of the Transylvanian Lowland (Romania)). *Kanitzia* 9: 151-164 [in Hungarian with English abstract].			
	Ruprecht, E., Kun, A., Szabó, A. (2003). Száraz gyepek térbeli mintázatainak összehasonlítása az Erdélyi-Mezőségen (Comparing the spatial organization of dry grasslands in the Transylvanian Lowland). *Múzeumi Füzetek* 12: 91-113 [in Hungarian with English abstract].			
	Bartha, S., Csathó, A.I., Virágh, K., Szentes, S., Csathó, A.J., Sutyinszki, Z., Horváth, A., **Ruprecht, E.** (2011). Tompapusztai löszgyep mikrocönológiai értékelése I. Florális diverzitás és koordináltság (Assessing naturalness in the Tompapuszta loess steppe meadow I. Diversity of species combinations and stationarity of fine scale patterns). *Crisicum* 7: 45-55 [in Hungarian with English abstract].			
			Σ5	**8**
6	**Articole în alte reviste, ca și contributor** conform formulei 0,5 x N	0,5	N=2	
	Kun, A., **Ruprecht, E.**, Szabó, A. (2004). Az Erdélyi-medence bioklimatológiai jellemzése (The bioclimatological characteristics of the Transylvanian Basin, Romania). *Múzeumi Füzetek* 13: 63-81 [in Hungarian with English abstract].			
	Kun, A., **Ruprecht, E.**, Bartha, S., Szabó, A., Virágh, K. (2007). Az Erdélyi Mezőség kincse: a gyepvegetáció egyedülálló gazdagsága (Unique diversity of grassland in the Transylvanian			

	Lowland). *Kitaibelia* 12: 88-96 [in Hungarian with English abstract].			
			Σ6	**1**
12	**Capitole în cărţi/volume, în edituri internaţionale** conform formulei 20 : n (n = nr. autori)		n	
	Ruprecht, E. (2012). Cessation of Traditional Management Reduces the Diversity of Steppe-Like Grasslands in Romania Through Litter Accumulation. In: Marinus J.A. Werger & Marja A. van Staalduinen (eds.) *Eurasian Steppes – Ecological Problems and Livelihoods in a Changing World*, Springer, Dordrecht Heidelberg New York London, pp. 197-208.	20	1	20
			Σ12	**20**
13	**Capitole în cărţi/volume, în edituri naţionale** conform formulei 10 : n (n = nr. autori)		n	
	Kun, A., Aszalós, R., Botta-Dukát, Z., Bíró, M., Bölöni, J., Fekete, G., Horváth, F., Krasser, D., Molnár, Zs., **Ruprecht, E.**, Török, K. (2002). A növénytakaró vizsgálata és leírása táji léptékben: az utóbbi évtized (Vegetation studies on a landscape scale: the last decade). In: Fekete, G. (ed.) *Az MTA Ökológiai és Botanikai Kutatóintézete 50 éve (1952-2002) (The last 50 years of the Institute of Ecology and Botany of the Hungarian Academy of Sciences, 1952-2002)*, MTA ÖBKI, Vácrátót, pp. 35-64 [in Hungarian with English abstract].	10	11	0,91
	Szabó, A., **Ruprecht, E.** (2005). Tájtörténet és botanika egy észak-mezőségi terület példáján (Land-use history and botany in the northern part of the Transylvanian Lowland). In: Fekete, A. (ed.) *Az erdélyi táj kérdései (Questions related to the Transylvanian landscape)*, Editura Művelődés, Cluj-Napoca, pp. 94-101 [in Hungarian with English abstract].	10	2	5
	Fenesi, A., **Ruprecht, E.**, Vincze, E. (2009). Aggressively spreading exotic plant species in Romania. In: Rákosy, L., Momeu, L. (eds.) *Neobiota din România*, Presa Universitară Clujeană, Cluj-Napoca, pp. 50-65.	10	3	3,33
	Mátis, A., Kolcsár, L.P., **Ruprecht, E.** (2011). A vaslábi láp flórája és vegetációja (Flora and vegetation of the fen complex near Voşlobeni). In: Markó, B. & Sárkány-Kiss, E. (eds.) *A Gyergyói-medence: egy mozaikos táj természeti értékei (Giurgeului Basin: natural values of a mosaic-type landscape)*, Presa Universitară Clujeană, Cluj-Napoca, pp. 37-53 [in Hungarian with English abstract].	10	3	3,33
			Σ13	**12,57**
	Σ1-13 (performanța totală)		**Σ1-13**	**705,92**

Tabel 2 Standarde minimale

Parametrul	Abilitare (Punctaj minim necesar)	Punctaj total rezultat pe baza calculului indicatorilor de către candidat
Σ1-2 (recunoaștere internațională)	150	628,85
Σ1-13 (performanța totală)	320	705,92

C.2. Contribuţia la dezvoltarea cunoaşterii în domeniu

Parametrul	Abilitare (Punctaj minim necesar)	Punctaj acordat de comisie
Contribuţia la dezvoltarea cunoaşterii în domeniu	Media de minimum 20 puncte	

C.3. Evaluarea activităţii didactice

Parametrul	Abilitare (Calificativ minim necesar)	Performanța obținută de candidat Calificativ acordat de conducerea departamentului
Evaluarea activităţii didactice	Bine	Foarte bine

Cluj Napoca
05.10.2015

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