



Bulletin

International Association for Landscape Ecology

THE IALE MISSION STATEMENT IN MY PERSPECTIVE

- another in the collection of relationships of individuals to the IALE Mission Statement by Gray Merriam, past-president of IALE.

Accepting Henri Decamps' invitation, I will sketch my conceptual path in entering landscape ecology as part of a collection which may give perspective on the Mission Statement.

My first work was in population ecology but soon the population was in the space of a heterogeneous environment, reacting to that spatial variability. And soon I was developing the idea of radio-telemetry to be able to track marmots through their habitat mosaic.

I tried to shed some variables by going to controllable populations of terrestrial isopods in the artificially homogeneous environments of plastic kiddies wading pools filled with vermiculite. The numbers were good but the lack of realism undermined the robustness of results.

The decomposer subsystem contained most of the energy flow of wooded ecosystems and might be used to characterize system differences. Detailed comparison of ecologically distinct woods resulted in a single supportable conclusion. Small-scale (one metre) heterogeneity drove the differences between the two decomposers processes and their functional results.

Those small woods were surrounded by farmland. If small mosaic patches within the woods were interlinked, how were the woods linked to the farmland mosaic in which they were imbedded? How did the residual populations of woodland species in these small 'isolated' farm woods survive? Were 'subpopulations' interlinked and what was the functional demographic unit in such spatially-divided mosaics?

The variables were clearly a mix of anthropogenic influ-

ences, physical and biotic environmental variables and leaving anything out until its role was known was foolish. Conceptually, the farm landscape was not different from the one metre landscape within the woods. We could reapply our thinking at the larger scale with some new methods.

But who would be interested and where would we publish results. In a land and at a time when journals still did not recognize that ecology was a science of analogues, not homologues, neither the botanists nor the zoologists wanted this mix. However, landscape ecologists were willing to try to synthesize many classes of variables into a realistic view of ecological relationships before others, even ecologists, had adopted this objective. Now they have and landscape ecologists have been a major force in this advance from academically-bounded questions to ecologically realistic questions. The paradigm shift made it easier and more rewarding to continue what I was doing and provided the essential collegial feedback.

The IALE Mission Statement gives guidance which will help landscape ecology to develop a scientifically rigorous subdiscipline which addresses some real questions affecting the world rather than just those defined by disciplinarians. But with this comes the need to maintain and transform the rigour that has been characteristic of narrow analysis and to develop some new rules for novel forms of scientific evidence and logic.

**DEADLINE FOR THE
NEXT BULLETIN IS
JUNE 10, 1997**

IALE treasurer Report 1997

The financial year closed December 31, 1997. Total income for the year was 20,565.35 NLG (\$1US = 2 NLG) from various sources. The Danish and the former Dutch account have now been consolidated into one IALE account. The past delays in fee payments have now been overcome. US-IALE and UK-IALE have paid fees as regional (national) chapters. Other members paid individually -particularly in the second half of 1997. However, due to the absence of the Treasurer many of the fees paid in late 1997 could not be cashed until January 1998 and therefore do not appear in the 1997 records. Since a new system of fee payment was only set up in 1997 there is yet no complete overview of the payment picture. Reminders for fee payments could not be sent out because of administrative costs and members are reminded of the high bank charges in cashing individual/personal cheques for \$10 U.S. Both the IALE account and the support fund earned a small amount of interest.

costs	
office costs total	F 3,498.91
update administration	F 5,000.00
reserve IALE-directory 1998	F 5,000.00
banking costs total	F 236.75
support fund	F 2,000.00
bulletin costs total	F 1,951.60
travel Executive Committee	F 2,451.52
total costs	F 20,138.78

Balance:

IALE account 1-1-1997	9,138.74	(31-12-1996)
total income 1997	20,565.35	
Support fund 1-1-1996	4,000.00	
income support fund 1997	2,141.99	
actual costs 1997		15,138.78

Balance	35,845.08	15,138.78
Surplus	20,707.30	
Closing account:	14,565.31	
closing account support fund	6,141.99	
total	20,707.30	
of which reserve (Directory):	5,000.00	

Positive balance: NLG 15,707.00

The positive balance for 1997 is mainly due to the fact that US-IALE paid fees for 2 years and also that former IALE bank accounts had been consolidated. Somewhat high incidental costs were incurred to improve the administration and to update members' addresses. Promotional material for IALE is being prepared and will be costed in 1998.

The books have been inspected by dr R.H.G. Bunce (UK) and dr S. Petit (F) and no irregularities have been found.

Proposed budget for 1998:

Income	
individual fee (350 x NLG 40)	F14,000
Danish fee 1997 (50xNLG 40)	F 2,000
fee USA 1997 (300x NLG 40)	F12,000
fee Italia 1996/1997	F 3,000
fee UK 1997 (70x NLG40)	F 2,800
Landscape Ecology (100xNLG130)	F13,000
interest account/fund	F 400
Fee Canada	pm
Fee China (estimation)	F 800
Fee Norway (estimation)	F 600
total income	F48,600

The IALE Bulletin is distributed six times a year to the members of the IALE. The IALE - International Association for LandscapeEcology- was founded in 1982 to promote communication between scientists, planners and interdisciplinary scientific research. IALE Executive Committee: President, John A. Wiens (USA), Fax: +1 970 491 0649, e-mail: jaws@lamar.colostate.edu; Past President, Henri Decamps (France); Vice-Presidents. Joan Iverson Nassauer (USA). Paul F.M. Opdam (The Netherlands), Almo Farina (Italy), Xiao Duning (China); Secretary General, Michael Moss. Faculty of Env. Science, Blackwood Hall, Trent Lane, University of Guelph, Ontario N1G 2W1, Canada, Tel :+1 519 824 4120, Fax: +1 519 763 4686, e-mail: mike@envsci.uoguelph.ca; Deputy Secretary General and Bulletin Editor, Jesper Brandt, Dept. of Geography and International Development Studies, Roskilde University, P.O. Box 260, DK-4000 Roskilde, Denmark, Tel: +45 46 74 24 63, Fax: +45 46 74 30 32, e-mail: brandt@geo.ruc.dk; Treasurer. Rob Jongman, WAU, Dept. of Physical Planning & Rural Development, Gen. Foulkesweg 13. NL-6703 Wageningen. The Netherlands, Tel: +31 317 483 713, Fax: +31 317 482 166, e-mail: robjongman@plano.rpv.wau.nl.

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costs	
office costs total	F 2,000
Congress preparation	F 8,000
IALE-directory 1998	F 8,000
banking costs total	F 500
support fund	F 2,000
flyer IALE/promotion material	F 4,000
travel Executive committee	F 5,000
mailing bulletins/letters	F 4,000
printing bulletin	F 3,000
editing bulletin	F 3,000
Landscape Ecology (Kluwer)	F 13,000
unforseen	F 1,000
total spending	F 53,500

The projected total budget and costs appear to be much higher in 1998. This is, however, mainly due to costs related to the journal, *Landscape Ecology*, which pass through the Treasurer. It is estimated that 100 IALE members (non USA) will pay subscriptions to the Journal through IALE (NLG 13,000).

There is a projected deficit of NLG 4900. However, a balance can be reached if members pay fees on time and do not use personal cheques. Some costs cannot be calculated beforehand, particular costs of mailing, promotional material, and travel costs. The balance from 1997 should help defray problems caused by lower income or higher costs.

An extended version of this report can be ordered from

Rob Jongman
treasurer

Landscape Ecology meeting in Portugal

The first Landscape Ecology meeting in Portugal took place from the 25th to the 28th March 1998 in the region of Alentejo, in the Southern half of Portugal. A workshop, "Challenges for Mediterranean Landscape Ecology: the Future of Cultural Landscapes - examples from the Alentejo region", and discussion based mainly on visits made during full-day excursions. The aim of this first meeting was to launch the idea of a Portuguese Association of Landscape Ecology. But it was also to discuss the role and tasks of Landscape Ecology in the Mediterranean, and specifically in Portugal, through practical examples showing the potentialities and problems of one specific region. The model chosen was a 50 participant workshop (as many as can be in a regular bus), which met during the first day in a conference room in Montemor-o-Novo, and then spent two days in full-day excursions in the Alentejo region; the conclusions were discussed during the morning of the

fourth day. The participants constituted a mix of biologists, geographers, landscape architects, agronomists, engineers, sociologists and even a veterinary - both from universities and research institutes and from public administration institutes. There were many young people, PhD students and others, already working in interdisciplinary teams and looking forward to a Landscape Ecology framework.

During the first day, lectures were presented only by invited speakers. Zev Naveh opened the session, and Jesper Brandt, Willem Vos and António Gomez Sal also spoke as did Gonçalo Ribeiro Teles and Eduardo Cruz de Carvalho, from Portugal. Participants presented posters, which were discussed at lunch time. During the first day of excursion the central part of Alentejo was visited, first a large farm unit with traditional agro-silvo pastoral systems, with cork and holm oaks, sheep and black pig, managed by a young and innovative farmer. We also visited the Serra d'Ossa, a hilly area planted with Eucalyptus and Pine trees, where we talked with another land owner. In the second day we went to the Southern part of Alentejo, where soils are poorer, the land cover more open, and depopulation a known problem. On both days we had, in the field, presentations of research projects related to the area concerned - and this led each time to rich applied discussions. Last but not least, lunches and dinners were mainly composed of regional products, which was intended to allow a sound evaluation of the potentialities of the region...

The conclusions reached on Saturday were for the need for development of Landscape Ecology in Portugal and for making this discipline better known and its role acknowledged. There was also agreement concerning the need for more applied research, mainly concerning the functioning and functionality of the agrosystems from Alentejo, and on the relationship between land cover and soils. Furthermore, the need to combine research tools and policy recommendations was stressed, in order to achieve a more successful integration of decisions.

The workshop closed with the resolution to create an Association, the Portuguese Association of Landscape Ecology: "Associação Portuguesa de Ecologia da Paisagem". To start the process, an Executive Committee of 10 persons, from different disciplines, took care of several tasks. These tasks are related both to the practical organisation of the Association and dispersal of information, and also to the promotion of scientific activities in the next months. By Spring 99, our Association will be formalised!

Teresa Pinto Correia

Diary

1998

6-10 June

The 6th Forum on Nature Conservation and Pastoralism, Luhacovice, Czech Republic: Managing high nature Conservation value farmland: "policies, proceses and practices". Contact Dr. Davy McCracken, Environmental Sciences Department, Scottish Agricultural Collage, Auchincruive, Ayr KA6 SHW, United Kingdom, Fax: +44 (01)1292 525 333

7-12 June

International excursion, organized by IALEs GIS Contact Group, Fin-IALE, will be held in Northern Karelia, Eastern Finland. Contact Dr Osmo Kontturi, Fin-IALE, P.O.B. 124, Fin.28101 PORI, Finland, Tel./fax.: +358-2-6377514, NMT+358-49-572012, GSM mobile: +358-50-5950127, e-mail: osmo.kontturi@pp.kolombus.fi

19-25 July

The VII International Congress of Ecology is organized by the International Association for Ecology (INTECOL) in conjunction with the Italian Ecological Society (SIIE) Contact Almo Farina, Lunigiana Museum of Natural History, Fortezza della Brunella, 54011 Aulla, Italy. Tel.:+39-187-400252, fax:+39-187-420727, e-mail:afarina@tamnet.it web site: <http://www.tamnet.it/intecol.98>

23-29 August

Pre-Regional Conference Workshop organized by Commission on The Sustainability of Rural Systems (IGU/SRS), Department of Geography and Regional Planning (New University of Lisbon), ADIRN (LEADER group). Contact Ana Firmino, Departamento de Geografia e Planeamento Regional, Universidade Nova de Lisboa, Av. de Berna, 26-C, P-1050 Lisboa. Portugal, Tel.:+351-1-7933519, Fax:+351-1-7977759, E-mail:am.firmino@fesh.unl.pt

25-30 August

Second International Conference on Restoration Ecology in the 21st century, Groningen, The Netherlands. Contact Restoration Ecology Symposium Secretariat, Laboratory of Plant Ecology, University of Groningen, P.O.Box 14, 9750 AA Haren, The Netherlands, Fax: +31 50 3632273, E-mail:RE.symposium@biol.rug.nl or at Internet (<http://www.biol.rug.nl/ploec/restecol>)

2-6 September

European IALE Congress, Lancashire, UK. Contact the IALE (UK) General secretary: Dr. Peter Dennis, Macaulay Land Use Research Institute, Craigiebuckler, Aberdeen, AB 15 8QH, UK. Tel.: 01224 318611, Fax.: 01224 311556, e-mail: mi360@mluri.sari.ac.uk

6-13 September

Czech IALE Conference on "Present and Historical Nature-Culture Interactions in Landscapes". Contact Czech IALE (Regional) Conference Faculty of Sciences, Charles University, Benátská 2, 128 01 Praha 2, Czech Republic, Fax: +420-2-21953125, +420-2-24914803, E-mail:ele98@prfdec.natur.cuni.cz, home page: <http://www.natur.cuni.cz/confer.htm>

7-11 September

The permanent European conference for the study of the rural landscape. 18th session in Røros and Trondheim, Norway, 1998. Contact lecturer Gunhild Setten, Department of Geography, University of Trondheim, N-7055 Dragvoll, Norway. Fax: +47-73591878, E-mail:Gunhild.Setten@sv.ntnu.no, home page: <http://www.sv.ntnu.no/geo/>

Oct. 5-7

Asia and Pacific Region IALE Conference will be held in Institute of Applied Ecology, Chinese Academy of Sciences, Shenyang, 110015. Contact Prof. Xiao Duning, Inst. of Applied Ecology, Academia Sinica, Shenyang, 110015, Fax: 86-024-3843313 E-mail: lndscp@iae.syb.ac.cn,

Oct. 8-12

International Ph.D student courses will be held in Eco-environmental Research Center, Chinese Academy of Sciences in Beijing. Contact Prof. Xiao Duning, Inst. of Applied Ecology, Academia Sinica, Shenyang, 110015, Fax: 86-024-3843313 E-mail: lndscp@iae.syb.ac.cn,

1999

July 29-August 3

1999 IALE World Congress will be held in Snowmass Village, Colorado. Contact IALE President John A. Wiens, Fax: +1 970 491 0649, e-mail: jaws@lamar.colostate.edu NB! Look at the web site for the IALE Congress: <http://lamar.colostate.edu/-iale/Congress.htm>

A IALE-Web-site has been set up.

Look at:

<http://www.crle.uoguelph.ca/iale/>

Mike Moss,
Secretary-General