

DOMAIN Newsletter

Dear :

Late, (last night) I returned from a trip to Montreal.

We, DOMAIN, is opening an office there.

One of our directors is the senior architect for the City of Montreal.

His son also works with us.

We also have a girl, a student at McGill University,
who will commence working for us on April 28th.

The architect's name is Paul Melanson. His son's name is Pierre Melanson. The
girl's name is Marisha Wojciechowska.

Marisha has majored in anthropology and environmental science.

I am enclosing an announcement of a conference which convenes June 27th. It
lasts for five days.

There is an accompanying conference which commences May 20th,
for four days which is preparational to the second conference.

The meeting which convenes May 20th is at Jakobstettel.

I enclose a brochure describing the place where that meeting is being held.

We are asking you to join us at that meeting.

I want to share a kind of brief diary with you.

Friday, April 8th we met with the Assistant Director
of the Montreal Botanical Garden and one of his senior members of staff.
Montreal Botanical Gardens are supplying a good number of specie
from the Amazon to the conference.

DOMAIN is simulating the high light intensity, the high temperatures
and the high humidity and high rate of water and mineral cycling
typical of the rainforests.

We aspire to use rainforests species to show the ecosystem relations
between a large number of species, with rapid mineral cycling
and organic cycling, with high biomass intensity.

The high species diversity of the rainforests is very significant.

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Biological systems progress towards a kind of order which involves uniqueness and complementarity, fitting together, ecologically.

Ecology is physiology extended to the environment.

There is a communication of substance, energy and information between species which responds to a pattern of wholeness or oneness.

The order within or between organisms is a gradient from the uniform to the unique.

The regularity of uniform order can be seen

as the small number of atomic elements which are typical of all life

(sixteen to nineteen).

The common molecule of reproduction, DNA, the common module of life:

the cell, etc. all are part of the kind of order the Greeks called **taxis**.

Our complementarity of uniqueness fitting together to produce a oneness or wholeness is the kind of order the Greek's called

Biological systems translate the uniform into the unique.

Biological systems are elegant in the precise definition of elegance:

maximum diversity divided by minimum inventory.

The minimum inventory is the basis of the universal communication model which underlies biological communication:

common reference to the uniform order of the minimum inventory

to respond to the environment by means of the adaptive events of posture,

position, behaviour, development (involving cell differentiation-uniqueness)

and evolution (which crosses the bounding limit of the death

of the particular specimen organism).

These principles and premises of biological systems

extend to the related social, ethical, moral and aesthetic patterns.

The conventions, the regulations, the rules, the laws, we use to order society,

with ethical structures (ethics being minimum morality),

with moral principles and aesthetic patterns are extensions of biological systems.

Yet, at the greater scale the structures, the principles and the pattern

are translucent and unique to the level of order.

DOMAIN proposes to model, diagram, employ and illustrate these themes.

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We hope to do so using the media of a museum of biological science and technology.

DOMAIN proposed to the National Museum of Science and Technology that the life sciences be a part of the museum.

We now propose to supplement and complement the emphasis on the abiotic physical world with a dedicated facility devoted to the biotic biophysical world.

DOMAIN seeks to let part of its community service be the design, implementation and operation of communication media which express and display, which inform and educate these processes of life and living systems.

One such site could be the Port of Montreal.

Water, as a medium of life can be deployed generously in an island city, at its port.

DOMAIN now has seven first level courses and four second level courses on the ecosystem theme.

While regular academic courses tend to perhaps involve thirteen week periods with perhaps three hours of lectures per week and matching outside support study, a total of 78 hours of effort, DOMAIN courses involve both training and education, both the theoretical and the practical, both lectures and labs and very particularly field work..

DOMAIN's courses consider the biosphere and its whole far-field context.

The courses may focus on the atmosphere or the hydrosphere as zones of the biosphere or upon planning and strategy which heed ecosystemic principle.

Wildlife and forest conservation are essential subjects.

Ecosystemic nutrition is equally vital as a subject.

The most foundational course is titled: Observation, Measurement, data, information and knowledge structure, communication and computer literacy.

That provides a broad overview of activities and intention.

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Be welcome to participate,
to as great an extent as you can in the programs and activities.