

going to have thoroughly trained ecologists that can answer the questions and provide advice on the things we are doing, they need experience in all of these areas.

The second point I wanted to make has slipped my mind at the moment. It will come back to me.

Mr. DADDARIO. Yes.

Are the next two statements going to touch on the National Institute of Ecology and spell it out a little bit?

Dr. DEEVEY. Mine will not.

Dr. SARGENT. Mine will not.

Mr. DADDARIO. If we could touch on that a moment, how do you structure it, where do you place it, or who is going to be involved?

Dr. COLE. I am preparing letters to approximately 20 ecologists representing schools that have established programs in ecology. These will go out probably next week, along with this summary statement on the Institute which you have available here, and will ask for an expression of interest and willingness to form a corporation of individuals as the parent body for this National Institute.

Our plan is that this Institute will be run by a consortium of universities, and our thinking at the moment is that this corporation of individuals will be converted over into a corporation of universities, a consortium, when a certain number, perhaps three universities, have actually agreed to come in and support the program.

I have received a tremendous number of letters expressing interest from schools that don't want to be left out of this, places that I would never have thought of as having an ecological program, so there is a very great deal of interest in this and a strong feeling of need.

Mr. DADDARIO. Dr. Deevey, how does this fit into the planning of the National Center for Atmospheric Research?

I am concerned about this because we have a tendency to develop new institutional concepts rather than take into consideration those that presently exist and meld them together so that you do have a mixture of thinking. A mixture, it seems to me, is extremely necessary in this regard. Have you given this any thought?

Dr. DEEVEY. At the moment the group that has been making the plans assumes, not perhaps having thought it through, that the National Center for Atmospheric Research is a model and not a stage for a National Institute of Ecology. The procedures that ecologists would adopt in developing such an Institute are closely similar to those the atmospheric scientists adopted 15 years ago or so. But atmospheric science now has its own momentum and a very great deal of its high quality has been generated in the theater of this relatively spectacular, strong, and influential group of central premises there at Boulder.

The idea that ecology might be conducted in the way the ecologists believe it must be from that institute; that is, from NCAR, has not really been given much thought. Ecology needs and gets close collaboration with atmospheric scientists, but what that would amount to is you would have to transform a substantial fraction of them or add to them a substantial fraction of biologically trained rather than physically trained scientists. It might come about that the two institutes, if the Ecology Institute had central premises, might sit side by side at Boulder. In any case, the field stations that the Ecology