

APPENDIX IX-A

Describe manpower and facilities in international training centers, collections and holding facilities, and field stations.

Review of publications of the ICSU Special Committee for the IBP, the "IBP News" series, indicates that no international training center has been formally identified or established. On the other hand, IBP organizations, internationally and nationally, not only within the U.S., but within the U.K., Australia, Canada and others pay special attention to the critical need for modern training in ecology, mathematics, biophysics, systems analysis including computer use and availability, and other related and supporting disciplines. During many of the IBP conferences and workshops in the U.S., participants have been urged to persuade their colleges and universities to up-date their curricula to include new courses and new sub-departments both in their undergraduate and graduate schools.

Dr. Gates in his testimony of 3 August strongly recommended the establishment of a National Institute for Ecology in which advanced training would be offered.

For trained personnel, IBP relies on two sources; (1) colleges, universities, and other institutions having strong programs in selected disciplines, and (2) training of individuals as part of specific IBP research projects.

Strong opinions have been expressed by many U.S. scientists concerning the difficulties in obtaining support for training foreign scientists in U.S. institutions. The U.S. National Committee for the IBP feels that barriers to such training should be greatly lowered or removed since the international program and particularly cooperative programs among the countries of North and South America depend on greater numbers of well trained biologists in the South American nations.

Related to the question on international training centers and to the questions on collections and holding facilities and field stations is the recognition of IBP Centers and Stations. Information contained in SCIBP's IBP "News No. 8" is quoted as follows.

"IBP CENTRES AND STATIONS

"Details of the centres and stations endorsed by SCIBP, on the recommendation of Section Committees, as appropriate for biological work within the framework of IBP are given