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Soybean Rust in Taiwan

James B. Sinclair

ISR-80-19

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International Soybean Program, INTSOY

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Sinclair, J. B.

## 5. CORPORATE AUTHORS (101)

Ill. Univ. College of Agr.

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Rust (fungi) - TW  
 Soybean - Diseases and pests - TW  
 Plant diseases - TW

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II. Title

III. Contract

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University of Illinois at Urbana-Champaign  
University of Puerto Rico, Mayaguez Campus

Trip Report - Taiwan

- I. NAME: James B. Sinclair  
Professor of International Plant Pathology/UIUC and INTSOY
- II. PERIOD OF TRAVEL: 28 June to 4 July 1980
- III. ITINERARY:  
Depart Bangkok 0845 - Arrive Taipei 1500  
Depart Taipei 1105 - Arrive Champaign 1747
- IV. PURPOSES:
1. To assess the progress of C. C. Yeh in his Ph.D. dissertation research at AVRDC, Tainan.
  2. To obtain an update on the soybean rust situation in the Far East.
  3. To visit fields and research centers in Taiwan where soybean studies are being conducted.
- V. ORGANIZATIONS AND PERSONS CONTACTED:
- AVRDC, Taiwan: G. William Selleck, Director  
Paul M. Sun, Associate Director of Research & Administration  
A. T. Tschanz, Plant Pathologist  
C. Y. Yang, Plant Pathologist  
S. Shanmugasundaram, Breeder  
C.-S. Ho, Agronomist
- Other professional and technical personnel and trainees at the Center.
- Taiwan Agricultural Research Institute, Taichung: Y.-S. Lin, Head  
Plant Pathology
- Other professional and technical personnel
- Plant Protection Center, Taichung: L. S. Lu, Head, Plant Pathology Section
- Other professional and technical personnel
- Chung-Hsing University, Taichung: S. T. Hsu, Head, Plant Pathology
- Other professional and technical personnel
- District Agriculture Improvement Station, Tainan: Professional and technical personnel
- National Taiwan University, Taipei: W. C. Wu, Plant Pathologist

VI. RESULTS AND ACCOMPLISHMENTS:

1. Reviewed C. C. Yeh's research to date, visited his experimental field plots, discussed data and data analysis, decided on the areas he should concentrate on for the next 6 months. Made the decision that he should plan to return to the campus by no later than early January. All discussions were with C. C. Yeh and A. T. Tschanz. I was pleased with his progress and if he completes the outline suggested, he will have a good thesis.
2. Gave a seminar on soybean rust in the western hemisphere.
3. Reviewed the status of soybean rust in the eastern hemisphere with S Shanmugasundaram, Secretary of the International Working Group on Soybean Rust. Discussed the possibility of obtaining a grant from NSF for personnel exchange and a second soybean rust conference.
4. Reviewed plant pathology programs at the various institutions visited. Exchanged professional literature and met reprint requests, etc.

VII. OBSERVATIONS AND REMARKS:

AVRDC would like to have a closer working relationship with INTSOY. The Center has excellent facilities and supporting staff. It would be a good location for UIUC faculty to do research on soybeans or other crops.

This is the first example in the Department of Plant Pathology of having a student from a foreign country return to do this Ph.D. dissertation research in his country of origin. It is a successful venture. I hope that other such arrangements can be developed in the future.

VIII. FOLLOW-UP ACTIONS:

Continue to correspond with C. C. Yeh assisting in the development of his thesis research. Arrange for the visit of A. T. Tschanz on 17-19 August. Continue to explore the possibilities of a NSF grant on soybean rust.