

## Expedition of Kagoshima University into Papua New Guinea

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This is an initial report from an expedition of Kagoshima University into Papua New Guinea (PNG) from Oct. 16 to Dec. 6, 1979. The expedition and research was greatly aided by the Grant-in-Aid for Overseas Research (No. 404146) from the Ministry of Education and Culture given to Prof. Dr. Kenichi Arisumi, the leader of the present project, "Researches for Malaysian Rhododendrons."

Members of the expedition and their itinerary are as shown below.

### MEMBERS

Dr. Hideo TAGAWA, Professor of plant ecology, College of Liberal Arts, Kagoshima University,  
 Dr. Kenji UESATO, Assist. Professor of ornamental horticulture, Faculty of Agriculture, Ryukyu University, Okinawa,  
 Mr. Yusuke SAKATA, Assist. in the Laboratory of Ornamental Horticulture, Faculty of Agriculture, Kagoshima University,  
 Mr. Tadamasa KUNIMOTO, Research Officer, Oita Research Station for Agricultural Utilization of Hot Spring, Oita,  
 Mr. Takayuki TANAKA, Research Student in Faculty of Agriculture, Kyushu University, Fukuoka,  
 Mrs. Andrée MILLAR, Director of National Capital Botanic Gardens, Department of Primary Industries, Port Moresby.

### ITINERARY

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|---------|--|
| Oct. 16 | Five Japanese members left Kagoshima Air Port at 14:27 by PX 012, and landed at Jackson Air Port at 21:42. Stayed in Port Moresby. |
| 17      | Visited Japanese Embassy and Botanic Gardens. Stayed in Port Moresby.  |
| 18      | Visited Botanic Gardens. Stayed in Port Moresby.   |

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\* 2 上里健次(琉球大学助教授農学部)

\* 3 坂田祐介(鹿児島大学助手農学部)

\* 4 國本忠正(大分県温泉熱利用農業研究所技師)

\* 5 田中孝幸(九州大学大学院農学研究科博士課程学生)

- Oct. 19 Left Port Moresby by GV 630 for Wapenamanda, and arrived at Mt. Kaiap by cars. Stayed on Mt. Kaiap.
- 20 General collection of plants in the forests and on the roadside. Stayed on Mt. Kaiap.
- 21 Discussed the survey method for describing the flowering features of rhododendrons in the grasslands. Stayed on Mt. Kaiap.
- 22 Survey in the *Miscanthus* grassland (Quadrat no. 1). Stayed on Mt. Kaiap.
- 23 Small excursion around Lake Ivae, Laiagam, Sirunki where Quadrat no. 2 was placed, Tanbitanis and Kakas. Stayed on Mt. Kaiap.
- 24 Quadrat no. 3 was placed at Sirunki. Stayed on Mt. Kaiap.
- 25 Surveys on the northeastern slope of Mt. Kaiap and on the garden. Stayed on Mt. Kaiap.
- 26 Quadrat no. 4 on the roadside and 5 in *Nothofagus* forest. Stayed on Mt. Kaiap.
- 27 Tagawa, Sakata and Kunimoto surveyed rhododendrons in the grassland on the slope, and Uesato and Tanaka collected the epiphytic rohododendrons. Stayed on Mt. Kaiap.
- 28 Uesato and Kunimoto went to Laiagam. Stayed on Mt. Kaiap.
- 29 Left Kaiap by cars for Mt. Hagen. Stayed at Mt. Hagen.
- 30 Left Mt. Hagen by cars for Baiyer River. Walked about in the sanctury for bird of paradise. Stayed at Baiyer River.
- 31 Survey was made in the lower montane rain forest. Stayed at Baiyer River.
- Nov. 1 Survey in the gallary forest. Stayed at Baiyer River.
- 2 Left Baiyer River by cars and arrived at Mt. Hagen. Stayed at Mt. Hagen.
- 3 Left Mt. Hagen by cars and arrived at Goroka. Stayed at Goroka.
- 4 Free time all day. Stayed at Goroka.
- 5 Sent plant cuttings by aircargo to Port Moresby. Quadrat no. 6 in the abondoned garden. Stayed at Goroka.
- 6 Excursion to Lufa, Mt. Michael and Furigano. Stayed at Goroka.
- 7 Excursion to Kainantu. Tagawa was ill in bed. Stayed at Goroka.
- 8 Excursion to Marafunga. Stayed at Goroka.
- 9 Survey in *Castanopsis* forest at Dauro Pass. Sakata prepared plant cuttings to be sent. Stayed at Goroka.
- 10 Sent plant cuttings to Port Moresby by air cargo. Sakata and Kunimoto left Goroka by PX 871 for Port Moresby. Stayed at Goroka (Tagawa, Uesato and Tanaka) and in Port Moresby (Sakata and Kunimoto).
- 11 Tagawa party had free time all day, stayed at Goroka. Sakata party stayed in Port Moresby.
- 12 Tagawa party left Goroka by car and arrived at Lae through Kainantu, Kassam Pass, Mahkam terrace. Stayed at Lae. Sakata party went to the Botanic Garden to arrange the plant cuttings and stayed in Port Moresby.
- 13 Tagawa party visited National Herbarium to fix the schedule. Excursion to Nazab grassland, stayed at Lae. Sakata party visited Botanic Gardens and stayed in Port Moresby.
- 14 Tagawa party left Lae by car for Wau, and visited Wau Ecology Institute. Stayed at Wau. Sakata party sent plant cuttings to Japan by air cargo,

- and stayed in Port Moresby.
- Nov. 15 Tagawa party made a survey in *Nothofagus* mossy forest, and collected several epiphytic rhododendrons. Stayed at Wau. Kunimoto left Port Moresby for Japan by PX 011. Sakata stayed in Port Moresby.
- 16 Tagawa party had small excursion to Aseki, and stayed at Wau. Prof. Arisumi arrived at Port Moresby by PX 012 from Japan. Arisumi and Sakata stayed in Port Moresby.
- 17 Tagawa party left Wau for a summit of Owen Stanley Mountains along Bulldog Road on foot. Camped. Arisumi party had free time all day, and stayed in Port Moresby.
- 18 Tagawa party placed Quadrats no. 8 and 9 in land slide areas. Camped. Arisumi party had excursion in savanna forest near Port Moresby, and stayed in Port Moresby.
- 19 Tagawa party walked up to 2810 m in altitude and camped. Arisumi Visited Japanese Embassy and Botanic Gardens to see Mrs. Andrée Millar. Stayed in Port Moresby.
- 20 Uesato and Tanaka collected plants, and Tagawa arranged plants and materials to be sent to Japan. Camped. Arisumi party visited Japanese Embassy. Stayed in Port Moresby.
- 21 Tagawa party left the camping place for Wau, and stayed at Wau. Arisumi party left Port Moresby for Sydney by PX 001, and stayed in Sydney.
- 22 Quadrat no. 10 in the grassland at Kaisinik. Tagawa gave a talk on the vegetation of Japan in a seminar held at Wau Ecology Institute. Stayed at Wau.
- 23 Sent plant cuttings to Port Moresby by air cargo. Visited Bulolo Entomology Institute. Stayed at Wau.
- 24 Left Wau for Lae by car. Stayed at Lae.
- 25 Arranged plants, data, camping tools. Free time. Stayed at Lae.
- 26 Visited National Herbarium at Lae to arrange the plant specimens and to make herbarium. Stayed at Lae.
- 27 Identification in Herbarium. Stayed at Lae.
- 28 Excursion to Buso and Buop to survey lowland rain forest. Stayed at Lae.
- 29 Excursion to Wagan to see tropical mangrove forest. Stayed at Lae.
- 30 Small excursion to Mahkam terrace, and identification in Herbarium. Stayed at Lae.
- Dec. 1 Left Lae for Port Moresby by PX 853. Stayed in Port Moresby.
- 2 Excursion to Sogeri. Arrangement of live plants, dry plants and parcels. Stayed in Port Moresby.
- 3 Visited Japanese Embassy and Botanic Gardens to take procedure necessary to export herbarium and live plants. Stayed in Port Moresby.
- 4 Excursion to Kapakapa to see savanna forest near seashore. Visit the Ministry of Land Use and Nature Resources to receive maps.
- 5 Received the inspection by quarantine. Stayed the last night in Port Moresby.
- 6 Left Port Moresby at 11:25 by PX 011, and arrived at Kagoshima Air Port at 20:05 via Naha.





































