

ADDITIONAL MATERIALS FOR A RUST-FLORA OF TAIWAN⁽¹⁾ZUEI-CHING CHEN⁽²⁾

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Abstract: Seven species of rusts are newly recorded from Taiwan. Additional hosts are also reported from twelve species of rust fungi previously recorded from Taiwan.

INTRODUCTION

During the survey of Formosan grass rusts from 1977, 43 species and two varieties of rusts have been discovered from Gramineae (Chen, *et al.*, 1980). Formosan rust fungi on the hosts other than Gramineae are also observed and the result is presented additionally in this report. All specimens listed are deposited in the Mycological herbarium, Department of Botany, National Taiwan University, Taipei, Taiwan, R. O. C.

NEW RECORD TO TAIWAN

1. *Coleosporium clematidis-apiifoliae* Diet.
On *Clematis gouriana* Roxb., TAITUNG: Is. Lanyu, Hsuan-Shi-Yen, Jan. 30, 1978, *Z. C. Chen* 5463 (II, III); Jan. 31, 1978, *Z. C. Chen* 5657 (II).
2. *Marvalia crotalariae* H. Sydow
On *Crotalaria pallida* Ait., NANTOU: Hoshe, April 30, 1978, *Z. C. Chen* 2520 (II, III).
3. *Ochrospora ariae* (Fackl.) Rams.
On *Prunus nume* Sieb. & Zucc., TAITUNG: Tzu-peng, Feb. 3, 1978, *Z. C. Chen* 5704 (II).
4. *Phragmidium nambuianum* Diet.
On *Rubus pirifolius* Sm., TAINAN: Kwaiku, Dec. 25, 1977, *Z. C. Chen* 5502.
Note: *Rubus pirifolius* Diet. is a new host species of this rust in Taiwan.
5. *Puccinia congesta* Berk. & Br.
On *Polygonum chinense* L., NANTOU: Chi-Ty, April 28, 1978, *Z. C. Chen* 4704; CHIAYI: Mt. Arishan, Nov. 13, 1977, *Z. C. Chen* 5659; TAINAN: Kwaiku, Dec. 26, 1977, *Z. C. Chen* 5602; PINGTUNG: Ma-Chia-Tsung, April 13, 1978, *Z. C. Chen* 4811 (III).
6. *Puccinia minussensis* Thüm.
On *Lactuca indica* L., TAITUNG: Is. Lanyu, Jan. 31, 1978, *Z. C. Chen* 5683 (II).
Note: *Lactuca indica* L. is a new host species of this rust in Taiwan.
7. *Pucciniastrum epilobii* Otth.
On *Epilobium amurense* Hausskn., TAINAN: The South Cross Island High Way, Dec. 26, 1977, *Z. C. Chen* 5603 (II).
Note: *Epilobium amurense* Hausskn. is a new host species of this rust in Taiwan.

ADDITIONAL HOSTS

1. *Aecidium mori* Barcl.
On *Morus australis* Poir., NANTOU: Chi-Ty, April 28, 1978, *Z. C. Chen* 3679. On *Morus*

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- bombycis*, PINGTUNG: Lai-Yi, April 17, 1978, *Z. C. Chen* 3784.
2. *Coleosporium asterum* (Diet.) Sydow
On *Aster ovalifolius* Kitam., TAINAN: Ten-tzu (The South Cross Island Highway), Dec. 25, 1977, *Z. C. Chen* 5685 (II).
 3. *Coleosporium senecionis* Fr.
On *Senecio nentorensis* L., CHIAYI: Mt. Morrison, from Pai-Yun to Tung-Pu, Nov. 17, 1977, *Z. C. Chen* 5702 (II, III).
 4. *Hamasporea acutissima* Sydow
On *Rubus formosensis* O. Kuntz., NANTOU: Chi-Ty, April 28, 1978, *Z. C. Chen* 3064; TAINAN: The South Cross Island Highway, Dec. 25, 1977, *Z. C. Chen* 5501. On *Rubus rolfei* Vidal, CHIAYI: Mt. Morrison, from Pai-Yun to Tataka, Nov. 17, 1977, *Z. C. Chen* 5612. On *Rubus swinhoei* Hance, TAINAN: Kwaiku, Dec. 26, 1977, *Z. C. Chen* 5508.
 5. *Hamasporea hashiokai* Hirats.
On *Rubus aculeatiflorus* Hay., TAITUNG: Tian-Yang (The South Cross Island Highway), Dec. 25, 1977, *Z. C. Chen* 5504.
 6. *Phragmidium arisanense* Hiratsuka & Hashioka
On *Rubus mesogaues* Focke., CHIAYI: Mt. Arishan to Mingyue, Nov. 13, 1977, *Z. C. Chen* 5638.
 7. *Puccinia citrina* Sydow
On *Smilax bracteata* Presl., NANTOU: Chi-Ty, April 28, 1978, *Z. C. Chen* 2829 (III).
 8. *Puccinia gentianae* Martius
On *Gentiana flavo-maculata* Hay., CHIAYI: Mt. Arishan to Tung-Pu, Nov. 15, 1977, *Z. C. Chen* 2615 (II).
 9. *Puccinia hemerocallidis* Thüm.
On *Hemerocallis aurantiaca*, NANTOU: Sun-Moon Lake, April 29, 1978, *Z. C. Chen* 2623 (II).
 10. *Puccinia menthae* Pers.
On *Origasum vulgare* L. var. *formosanum* Hay., TAITUNG: Tiang-Yang (The South Cross Island Highway), Dec. 24, 1977, *Z. C. Chen* 5599.
 11. *Puccinia sorghi* Schw.
On *Oxalis corymbosa* A. DC., NANTOU: Neimaupu (NTU, Experimental Forest), April 1978, *Z. C. Chen* 2868.
 12. *Uromyces wedelliae* P. Henn.
On *Wedelia biflora* (L.) DC., TAITUNG: Is. Lanyu, Jan. 31, 1978, *Z. C. Chen* 5701.

LITERATURE CITED

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