

Coenocarpus sparsus, mycelium superficialis, ramosum, hyalina, diametro inaequalibus, haustoriis globosis, usque $5\ \mu$ crassae, conidiophores simplicibus, erectae, clavatus, usque 6-septatis, $60-120 \times 8-11\ \mu$; conidis hyalina, interdum granulosa, ovalis vel elliptica, semel cellularis, plerumque 3-4 catenulatus.

Habit: in foliis viventibus *Scoparia dulcis* L. (Scrophulariaceae), Experimental Fields, Agric. University, Adhartal, Decembri 1974, Leg. N. D. Sharma, H. P. P. JNKVV No. 15.

While scrutinising the literature on *Acrosporium* (= *Oidium*) we have noticed a new species of *Oidium* recorded by Mathur *et al.*³ on *Pedilanthus tithymaloides* Poit (Euphorbiaceae). Rao⁵, recorded *Sphaerotheca euphorbiae* (Cast) Sal. on this host from Hyderabad and more recently it has been recorded by Sharma and Jain⁷ along with a hyperparasite *Cicinnobolus cesatii* de Bary parasitizing this mildew. We have checked conidial state of *Sphaerotheca euphorbiae* of our collection with that of *Oidium pedilanthi* Mathur *et al.*, and have found that both of them are the same fungus.

Therefore, the name of the mildew commonly occurring on *Pedilanthus tithymaloides* should be as follows:

Sphaerotheca euphorbiae (Cast) Salm.

= *Oidium pedilanthi* Mathur *et al.*, *Indian Phytopathol.*, 1971, 24, 62.

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1. Blumer, S., *Die Erysiphaceen Mitteleuropas* (Fretz, Zurich), 1933.
2. Butler, E. J. and Bisby, G. R., *The Fungi of India* (Sci. Res. Monogr.), I.C.A.R., New Delhi, 1960, p. 552.
3. Mathur, R. L., Mathur, B. L. and Bhargava, L. P., *Indian Phytopathol.*, 1971, 24, 63.
4. Mukerji, K. G. and Juneja, R. C., *Fungi of India*, Emkay Pub., Delhi, 1975.
5. Rao, P. N., *Curr. Sci.*, 1961, 30, 433.
6. Salmon, E. S., "A monograph of the Erysiphaceae," *Mem. Torrey bot. Cl.*, 1900, 9, 1.
7. Sharma, N. D. and Jain, A. C., *Curr. Sci.*, 1974, 43, 769.
8. Subramanian, C. V., *Hyphomycetes*, I.C.A.R., New Delhi, 1971, p. 930.
9. Vasudeva, R. S., *Fungi of India*, Supplement-I (Sci. Res. Monogr.), I.C.A.R., New Delhi, 1962, p. 206.

Ophioglossum vulgatum Linn.—A New Record from Manipur

During April 1972, one of us (N. I. S.), while searching for young seedlings of *Helminthostachys zylantica*, came across a species of *Ophioglossum* in the low lying grazing group of Uchekon Khunou, Central Manipur District, along with *Imperata cylindrica* (Poaceae) in the rainy season. The species, after critical examination, was found to be *Ophioglossum vulgatum*, which is a new record for the state of Manipur¹⁻³, and conforms⁴⁻¹⁰ to the following description.

Plant erect, 10 cm long; rhizome cylindrical, erect, producing a large number of adventitious roots. Sterile lamina ovate; venation reticulate, mid-vein right upto the apex; aeriotes broad with "venatio anaxeti". Stomata lie parallel with occasional irregularity, size on the lower surface $110.1 \times 56.4\ \mu$. Epidermal cells dorsal surface $237.6 \times 60.6\ \mu$ in size, ventral surface $224.4 \times 57.9\ \mu$ in size. Attachment of the fertile spike above the middle. Sporangia 19-33 per spike. Spores spherical, exine $1.5-2\ \mu$ in thickness, occasional triradiate mark, occasional papillate outgrowth, $48-57\ \mu$ in diameter. Rhizome ectophloic siphonostele (meristele number varies 3-4), leaf, trace 1-2, root trace present.

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1. Chakravarty, H. L., "Indian *Ophioglossum*", *Bull. Bot. Soc. Bengal*, 1951, 5 (1), 1.
2. D'Almeida, J. D., *J. Indian bot. Soc.*, 1922, 3, 58.
3. Panigrahi, G. and Dixit, R. D., *Proc. Nat. Inst. Sci., India*, 1969, 35 B, 3,255.
4. Agarwal, S. K., *Sci. and Cult.*, 1969, 35 (12), 694.
5. Beddome, R. H., *Hand Book of the Ferns of British India and Supplement to it*, Today & Tomorrow's Printers & Publishers, New Delhi-5, 1969, p. 464.
6. Blatter, E. and D'Almeida, J. F., *The Ferns of Bombay*, D. B. Taraporevela Sons & Co., Bombay, 1922, p. 199.
7. Bower, F. O., *Ferns*, Today & Tomorrow's Printers & Publishers, New Delhi-5, 1963, p. 47.
8. Chrysler, M. A., *Ann. Bot.*, 1910, 24, 1.
9. Hains, H. H., *The Botany of Bihar and Orissa*, Government of Bihar and Orissa, London, 1922, p. 1214.
10. Mahabale, T. S., *Bull. Bot. Surv. India*, 1962, 4, 71.