

## FUNGAL FLORA OF KERALA II

A systematic survey of the fungal flora of Kerala State was started after the inception of Agricultural College & Research Institute, Vellayani. In an earlier paper (Wilson 1966) species of *Oidium* were reported. The present paper includes species of *Colletotrichum* and *Gloeosporium* collected during 1958-1970. Of the 18 species reported, *Inga dulcis* is a new host record for *Colletotrichum dematium*, while *Polyalthia longifolia*, *Flacourtia inermis* and *Ficus asperrima* are new host records for *C. gloeosporioides* from South India.

- 1 *Colletotrichum capsici* ( Syd. ) Butler and Bisby ( Butler 1918 ) on fruits of *Capsicum annum* ( Ramakrishnan 1946 ), at Thaliparamba.  
On pods of *Cyamopsis tetragonoloba* ( Govinda Rao and Koteswara Rao 1956 ), at Trivandrum.
- 2 *Colletotrichum coffeanum* Noack ( Vasudeva 1960 )  
On leaves of *Coffea arabica*, at Ponnudi.
- 3 *Colletotrichum dematium* ( Pers. ex. Fr. ) Grove ( Bilgrami 1963 )  
On leaves of *Inga dulcis*, at Vellayani and Trivandrum.
- 4 *Colletotrichum falcatum* Went ( Vasudeva 1960 )  
On *Saccharum officinarum*, at Thiruvalla and Vennikulam.
- 5 *Colletotrichum gloeosporioides* Penz. ( Vasudeva 1960 )  
On Citrus sp., at Vellayani.  
On leaves of *Plumeria acutifolia* ( Wilson and Jose 1966 ) at Vellayani.  
On leaves of *Gliricidia maculata* ( Rangaswami *et al.* 1970 ) at Vellayani and Wadakkancheri.  
On leaves of *Polyalthia longifolia*, causing light brown spots, at Vellayani.  
On fruits of *Flacourtia inermis*, causing sunken, brown spots, at Trivandrum.  
On leaves of *Ficus asperrima*, causing dirty brown spots, at Trivandrum.
- 6 *Colletotrichum grominicum* ( Ces. ) Wilson ( Barber 1904 ).  
On leaves of *Sorghum vulgare* and *Zea mays*, at Calicut and Trichur.
- 7 *Colletotrichum heveae* Petch ( Mitra 1929 )  
On *Hevea brasiliensis*, at Mundakayam and Kottayam.

## RESEARCH NOTES

- 8 *Colletotrichum lindemuthianum* ( Sacc. and Mangn. ) Br. and Cav. ( Butler 1918).  
On pods of *Phaseolus vulgaris*, at Calicut and Ernakulam.
- 9 *Colletotrichum necator* Masee ( Vasudeva 1960 )  
On leaves and berries of *Piper nigrum*, throughout Kerala.  
On leaves of *Dioscorea triphylla* ( Wilson 1960 ) at Kunnankulam.
- 10 *Colletotrichum papayae* P. Henn ( Vasudeva 1960 )  
On petioles of *Carica papaya*, throughout Kerala.
- 11 *Colletotrichum paucisetum* Petch ( Vasudeva 1960 )  
On *Cocos nucifera* at Kottayam.
- 12 *Colletotrichum phomoides* ( Sacc. ) Chester ( Vasudeva 1960 )  
On fruits of *Lycopersicon esculentum* ( Mitra 1929 ) at Trivandrum.
- 13 *Colletotrichum* sp.  
On leaves of *Myristica fragrans* ( Ramanatha Menon and Rema Devi 1967 ) at Trivandrum.
- 14 *Gloeosporium mangiferae* P. Henn ( Vasudeva 1960 )  
On leaves, twigs and fruits of *Mangifera indica*, throughout Kerala.
- 15 *Gloeosporium artocarpi* Delacr ( Vasudeva 1960 ).  
On fruit stalks of *Artocarpus integrifolia*, causing immature fruit fall at Trivandrum.
- 16 *Gloeosporium musarum* Cooke and Masee. ( Vasudeva 1960 ),  
On fruits of *Musa paradisiaca*, throughout Kerala.
- 17 *Gloeosporium palmarum* Oudem. ( Vasudeva 1960 )  
On fruit stalks of *Areca catechu*, at Chalisseri.
- 18 *Gloeosporium* spp.  
On leaves of *Eugenia caryophyllata* ( Jose and Paily 1966 ) at Trichur.  
On leaves and tender stems of *Manihot utilissima*, on leaves of *Arachis hypogaea*, and *Piper nigrum*, at Vellayani.

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