

A NOTE ON SOME MICRO-LICHENS FROM PACHMARHI, MADHYA PRADESH,
INDIA

Out of the collection of lichens made by one of the authors (S. R. Singh) from Pachmarhi area in 1973, the macro-lichens have been published by SINGH (1977). Twenty-five taxa of micro-lichens collected from the same area are alphabetically enumerated below. Of these, 8 species marked with an asterisk (*) are new reports from India and each of them has been briefly described.

The localities in Pachmarhi have been abbreviated as under :

Chhota Mahadeo area—C. M. ; Dhupgarh road—D. R. ; Downfall area—D. F. ; Jatashanker area—J. ; Littlefall area—L. F. ; Pancy Pool area—P.P. ; Patharchatta—P. C. ; Pipariya road—P. R. ; Twynam Pool area—T. P. ;

The number within parenthesis refers to the field number.

1. *Arthopyrenia nieteriana* Müll. Arg. ;—P. C. (73.65)
2. *Bacidia convexula* (Nyl.) Zahlbr. ;—P. C. (73.36)
3. *Bacidia fuscorubella* (Hoffm.) Bausch ;—P. C. (73.35)
4. *Bacidia luteola* (Schröd.) Müdd. ;—P. C. (73.38)
5. *Blastenia poliotera* (Nyl.) Müll. Arg. ;—P. R. (73.200)
6. *Buellia alboatrior* (Nyl.) Zahlbr. ;—P. P. (73.11), P. C. (73.55), D. F. (73.106A), P. R. (73.179)
7. *Buellia inornata* (Stirt.) Zahlbr. ;—C. M. (73.164)
8. *Buellia lauricassiae* (Fée) Müll. Arg. ;—D. F. (73.106 B)
9. *Buellia triphragmia* (Nyl.) Arn. ;—D. F. (73.107), D. R. (73.161 and 73.168)
- *10. *Caloplaca festivella* (Nyl.) Kieff. ;—L. F. (73.135)

Thallus saxicolous, distinct, thin, areolate ; apothecia 0.3—0.5mm in diam., margin black ; spores hyaline, bipolarilocular, $8.5-13.5 (15) \times (4) 6-7 (8.5) \mu\text{m}$. Thallus K+ red, Pd+yellow.

- *11. *Caloplaca pellodella* (Nyl.) Hasse ;—P. P. (73.4). T. P. (73.138, 73.139).

Thallus saxicolous, minutely squamulose, reddish brown ; apothecia minute ; spores hyaline, bipolarilocular, $10-13 \times 6-8 \mu\text{m}$.

- *12. *Caloplaca subnigricans* H. Magn. ;—P. R. (73.189).

Thallus corticolous, crustose, brownish black, thin ; apothecia dispersed, sessile, upper part of hymenium blue in KOH ; spores hyaline, bipolarilocular, $15-17 \times 5-8.5 \mu\text{m}$.

13. *Catillaria intermixta* (Nyl.) Arn. ;—P. C. (73.47).

- *14. *Graphis subintegra* Red. ;—C. M. (73.150).

Thallus corticolous, crustose, whitish grey ; apothecia lirelliform, semi-emergent, simple, straight to curved, 1-5 mm long ; exciple closed, carbonaceous ; labia convergent with 1-3 crenations, partly exposed ; spores hyaline, transversely 7-9 septate, $37-44 \times 8-10 \mu\text{m}$.

The nature of exciple conforms to the description by REDINGER (1933), but the spores are shorter and fewer septate, though within the range given.

- *15. *Graphis vittata* Müll. Arg. ;—P. P. (73.43).

Thallus corticolous, crustose, whitish grey ; apothecia lirelliform, dense, sessile, simple to branched ; exciple closed ; labia dark 3 sulcate in the upper part, sulci convergent ; spores hyaline, transversely 5-8 septate, $25-42 \times 5-7 \mu\text{m}$.

16. *Helminthocarpon cherrapunjiense* Awas. & S. Singh ;—P. P. (73.3).
 17. *Lecanora chlarona* (Ach.) Nyl. ;—P. P. (73.14), P. R. (73.177)
 *18. *Lecanora glabrata* (Ach.) Malme ;—D. R. (73.164).

Thallus corticolous, crustose, whitish grey ; apothecia small, dense, margin white, smooth, Pd + orange ; disc reddish brown, concave ; spores not seen.

- *19. *Lecanora subcarnea* (Sw.) Ach. ;—D. F. (73.99)

Thallus saxicolous, crustose, whitish grey ; apothecia small, sessile, disc reddish brown, plane to convex, margin white, Pd— ; spores hyaline, simple, 10-15 × 5-7 μm .

20. *Lecidea granifera* (Ach.) Vain. ;—P. C. (73.54).

21. *Leptotrema compunctum* (Ach.) Müll. Arg. ;—C. M. (73.146).

22. *Leptotrema wightii* (Tayl.) Müll. Arg. ;—P. P. (73.15), P. C. (73.37, 73.70).

23. *Lopadium leucoxanthum* (Spreng.) Zahlbr. ;—P. P. (73.25).

- *24. *Ochrolechia africana* Zahlbr. ;—P. R. (73.190)

Thallus corticolous, crustose, granulose-verrucose, cracked, dusty-grey ; apothecia rare, 1-2 mm in diameter, margin prominent, smooth, concolorous to thallus, disc concave, white pruinose ; spores hyaline, simple, 34-51 × 25-34 μm . Thallus K + light yellow, C + light pink, KC + pink, Pd—.

25. *Porina interestes* (Nyl.) Harm. ;—P. C. (73.20), P. P. (73.40B).

REFERENCES

- REDINGER, K. (1933). Graphidineen von Celebes und Java. *Annls. Mycol.* **31**(3) : 168-180.
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