

Tribe III. VERRUCARIACEÆ, Fr.

XXVII. CONOTRÉMA, Tuckerm.

Perithecia mostly solitary, horny, black, at first pertuse, becoming at length oper., with a coarctate, inflexed margin, including a depressed nucleus, which is elevated at the centre into a somewhat margined disk. Thallus crustaceous.

C. urceolatum, Tuckerm. Crust thin, smooth, rugose-rimose, glaucous-white, bordered by a black line; perithecia scattered, at first covered by the crust, finally superficial, conoidal, white-pruinose. *Lecidea urceolata*, Ach. *Lichenogr.* p. 671. Ach. *Syn.* p. 27. *Pyrenula enteroleuca*, Spreng. in Hals. *Lich. N. Y. l. c.* *Thelotrema enteroleuca* Schwein. in Hals. *l. c.* *Verrucaria enteroleuca*, Spreng. *Syst.* 4, p. 243. Tuckerm. *Lich. N. E. l. c.* Icon, Hals. *l. c. t.* 1, f. 1.

Trunks. North America, Swartz. (ex Ach.). Pennsylvania, Muhl. in herb. Willd.! New York, Halsey. New England, very common. Probably the *Lecanora urceolata* of Muhl. Catal., but the above-cited specimen in the herbarium of Willdenow is without name. The Lichen appears to me an aberrant form of the present tribe. *Thelotrema* ? atratum, Feé Crypt. Exot. t. 13, f. 4, seems to be distinguished from *Thelotrema* precisely as the present genus (passing over the other essential differences) is, by its black proper exciple, but the structure of the nucleus in the former plant removes it from ours.

XXVIII. VERRUCARIA, Pers.

Perithecia hemispherical-globose, solitary, horny, black, closed with a simple or papillæform ostiole; becoming sometimes at length subscutelliform, or rarely inclosed in a thalline verruca. Nucleus gelatinous-hyaline, deliquescent. Thallus crustaceous.

* *Saxicolæ*. Crust somewhat tartareous.

1. *V. rupestris*, Sehrad. Crust tartareous-compact, contiguous, whitish; perithecia (small) entire, globose, somewhat sunk, umbonate with the naked ostiole, at length collapsing and scutelliform; nucleus hyaline. *Fr. Lichenogr.* p. 436. Hook. *Br. Fl.* 2, p. 152. *V. Schraderi* Ach. Icon, *E. Bot. t.* 1711, f. 2.

Rocks and stones (limestone). Pennsylvania, Muhl.

2. *V. elæoc...*
aceous; perith.
apex, becomin
Rocks (lime
na, Borr. (E.
ogr. p. 438), l
2596, f. 1), w

3. *V. nigre...*
fuscous-nigres
crust and verr
chenogr. p. 43
Rocks and s

4. *V. umbr...*
fuscosecent at
prominent abo

Rocks and s
doubtless othe
states, and are
large peritheci

** *Cort*

5. *V. nitida...*
olivaceous, or
somewhat pro
Fr. Lichenogr

Trunks; the
New England.
Lich. N. Y. l.
I have not bee
with the deser
present.

6. *V. alba,*
denudate, whit
mersed at the
—β; cartilagi
a, Ach.

Trunks. N

7. *V. gemm...*