

# Unrecorded Marine Algae From Korea II

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## 韓國産 未記録 海藻 II

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Two species of unrecorded marine algae were collected at Bomock-dong, Segwipo-si, Cheju-do.

The one is *Rhizoclonium riparium* (Roth) Harvey, (돌 헛뿌리말 nom. nov.) belonging to Chlorophyta, the other one is *Bostrichia radicans* Mont., (조막손 nom. nov.) belong to Rhodophyta.

*Rhizoclonium riparium* (Roth) Harvey fig. 1, A -D.

Abbott & Hollenberg 1976. p.92 ; Newton 1931. p.94, fig.61 ;

Tseng 1983. p.264. pl.131, fig.3.

Thalli dark green to pale yellowish-green, uniseriate filament in tangle masses, usually contorted, with short tapering, irregular rhizoidal branches, these nonseptate or composed of 2-5 cells ; filaments 20-40  $\mu\text{m}$  diam., 1-3 times longer ; chloroplast reticulate, with numerous pyrenoids.

Korean Name : 돌 헛뿌리말 (nom. nov.)

*R. riparium* belong to the shore, especially in convexed rocky place or shaded larva holes at high littoral zone. Deposited specimens were collected at Bomock-dong, Seogwipo-si, Cheju-do. Sometimes epiphytic on *Bostrichia radicans*. In Korean sea areas, *Rhizoclonium* genus was first described as *R. hookeri* Kütz. by Lee (1980).

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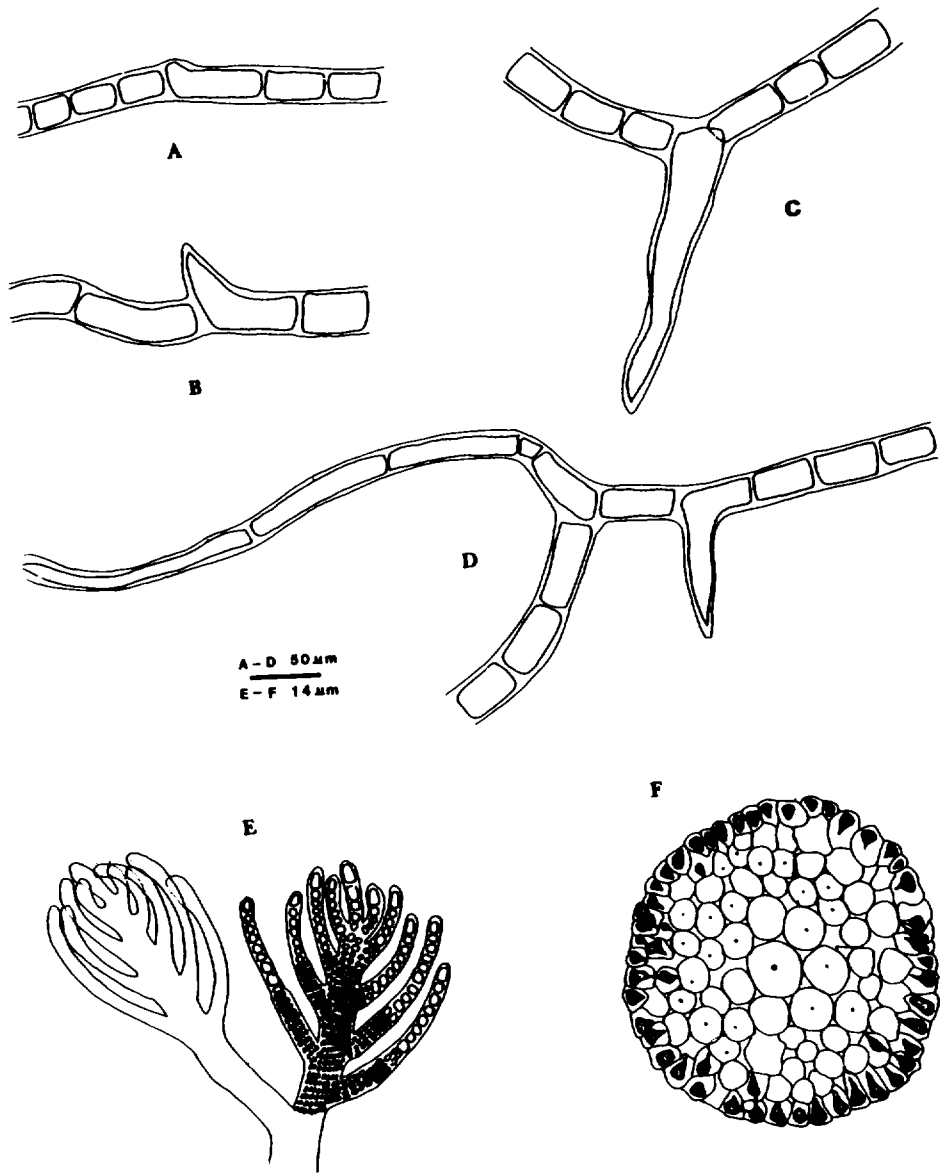


Fig.1. A-D *Rhizoclonium riparium* (Roth) Harvey, showing the developmental stages of rhizoidal filament. E-F *Bostrichia radicans* Mont., E overlapping branches and monosiphonous filaments with corticated branches, F cross section of main branch.

*Bostrichia radicans* Mont. fig. 1. E-F.

Kützing 1849, p.839 ; Taylor 1945. p.306.

Thalli brownish purple, 2-3 cm long, five or seven times pinnately branched, dorsiventral, branches overlapping each other, coricated except in the monosiphonous proliferations ; branchlets consist of 7-12 cells, about 15-18  $\mu m$  in diam.

Korean Name : 조막손 (nom. nov.)

This is the only species of the genus in Korea. Usually growing on shaded rocks along the shore, above high tide line.

#### REFERENCES

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서귀포시 보목동에서 두종의 미기록 해조가 채집되었다.

한종은 녹조류에 속하는 *Rhizoclonium riparium* (Roth) Harvey (돌 헛뿌리말, 신칭)이고 다른 한종은 홍조류에 속하는 *Bostrichia radicans* Mont. (조막손, 신칭) 이다.