



Estudio sobre la flora, fitosociología, ecología y corología de los mixomicetos de España

Enric Gràcia i Barba

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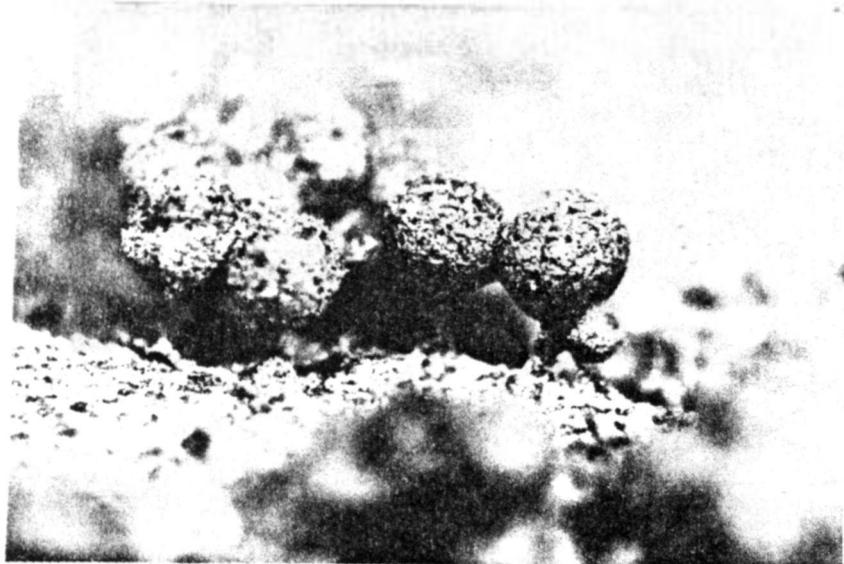
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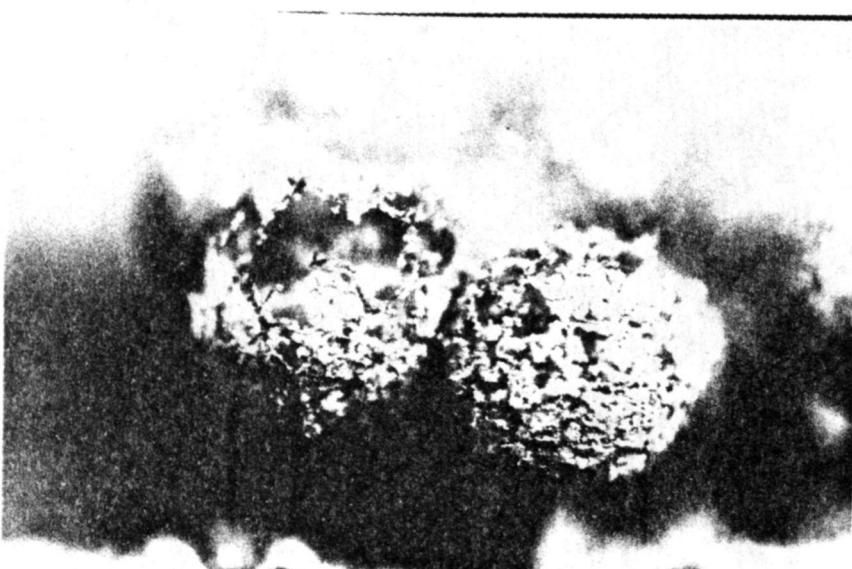
ESTUDIO SOBRE LA FLORA, FITOSOCIOLOGIA,
ECOLOGIA Y COROLOGIA DE LOS MIXOMICETES
DE ESPAÑA.

TESIS PRESENTADA POR
ENRIC GRACIA I BARBA
PARA OPTAR AL GRADO DE DOCTOR
EN BIOLOGIA

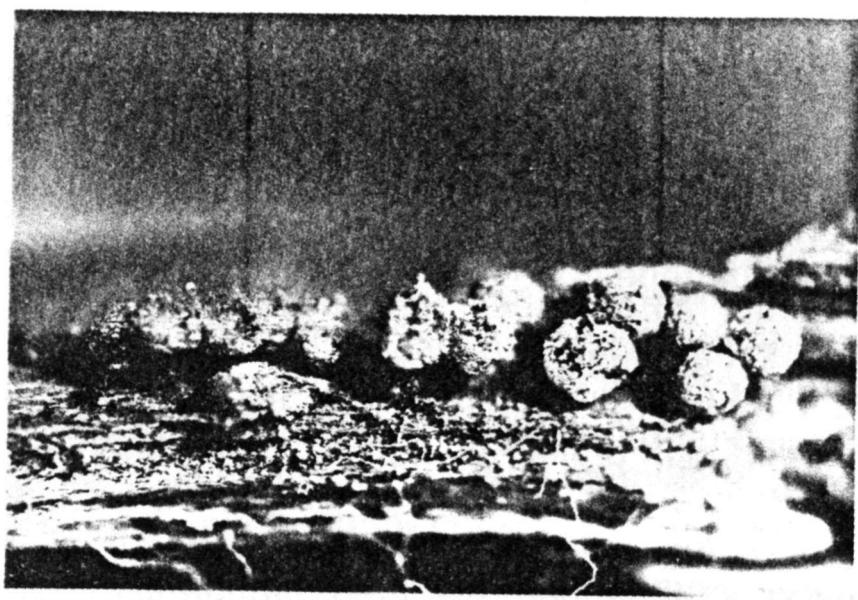
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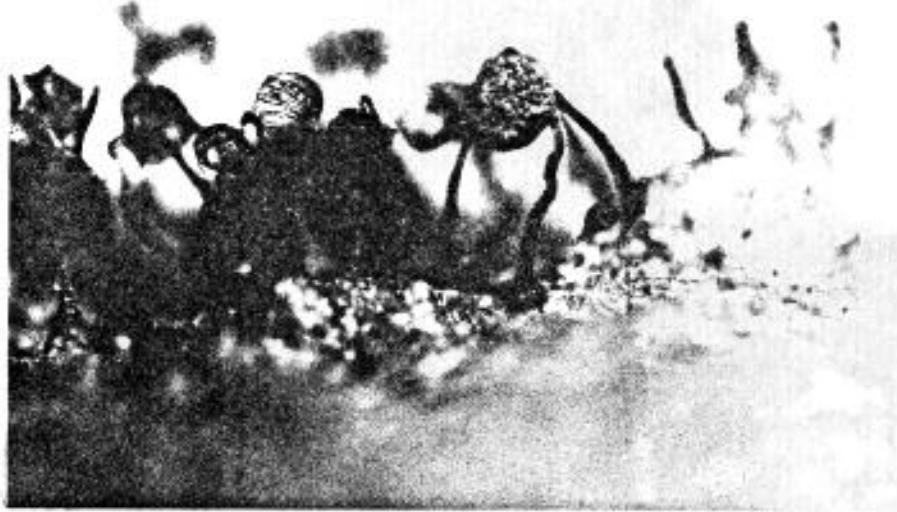


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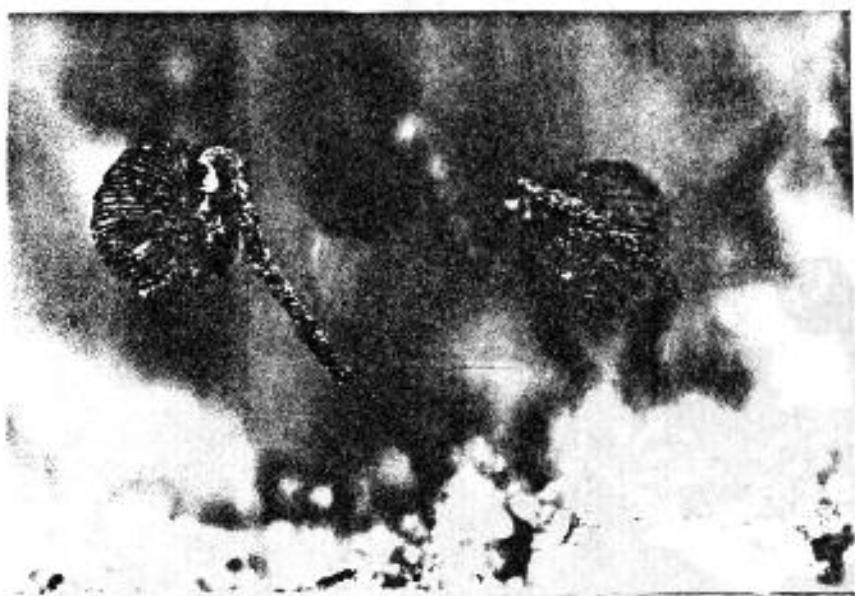


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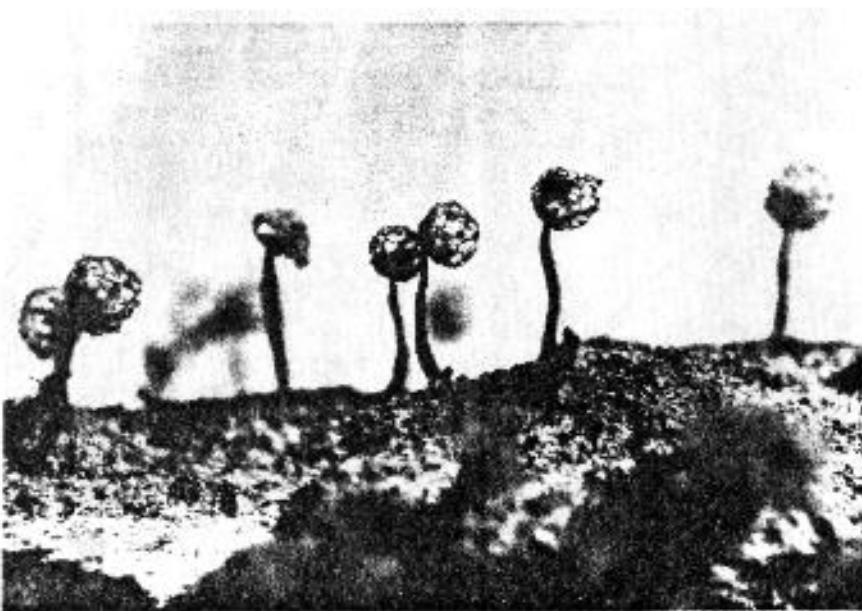


25.

- 21- *Cibraria argillacea*. 36 X.
- 22- *Cibraria argillacea*. 70 X.
- 23- *Cibraria aurantiaca*. 25 X.
- 24- *Cibraria cancellata*. 39 X..
- 25- *Cibraria cancellata*. 70 X.



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26- *Cibraria violacea*. 70 X.

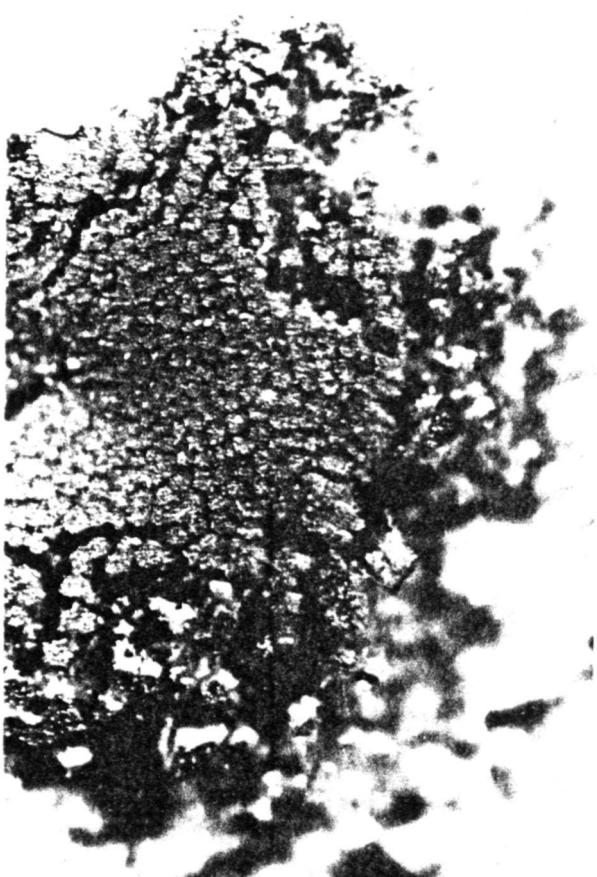
27- *Cibraria vulgaris*. 38 X.

28- *Diachea leucopodia*. 45 X.

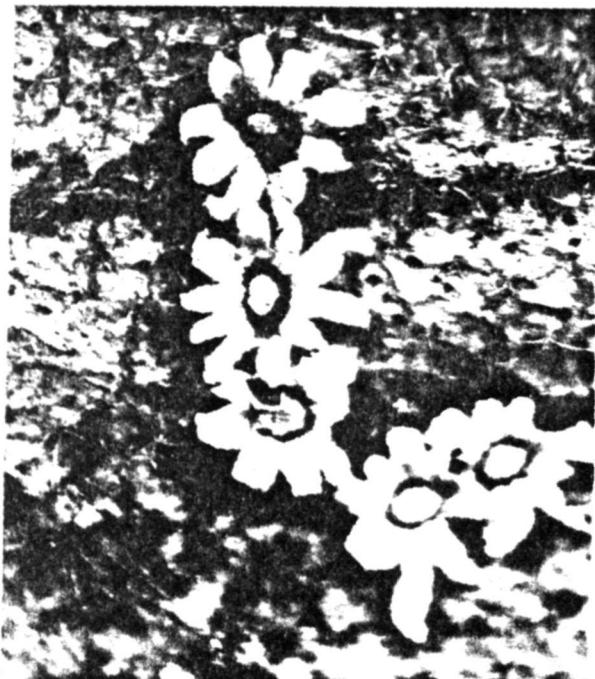
29- *Dictydiaethalium plumbeum*. 10 X.



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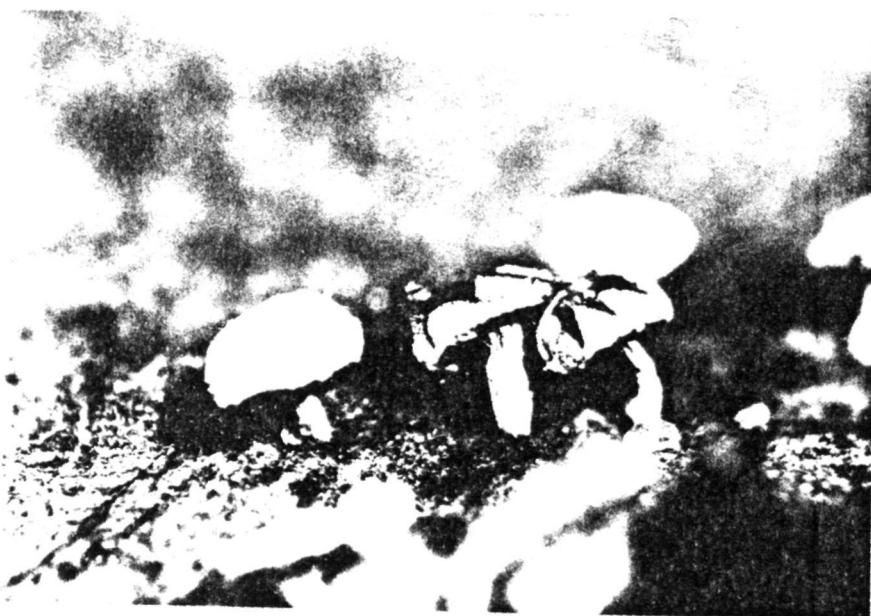
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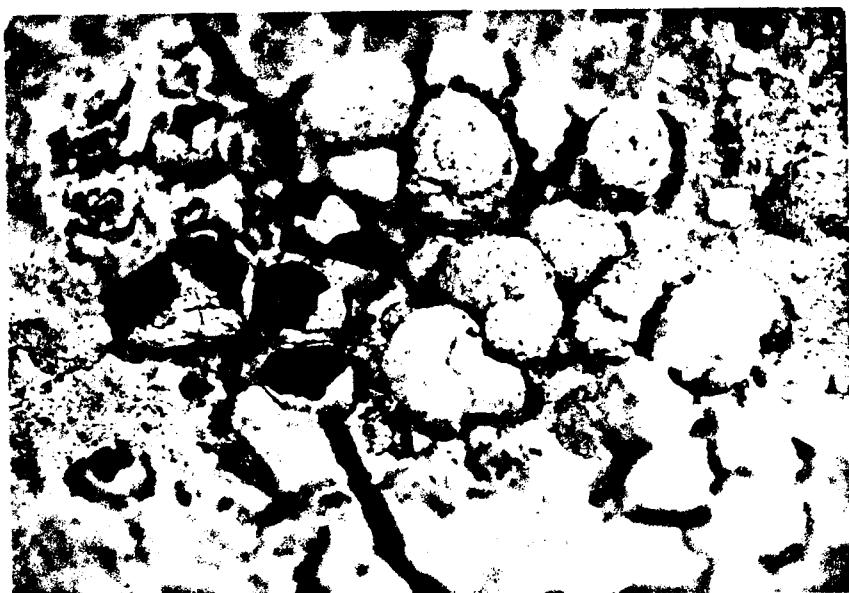
31.



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30- *Diderma asteroides*. 32 X.

31- *Diderma darjeelingense*. 30 X.

32- *Diderma hemisphaericum*. 27 X.

33- *Diderma niveum*. 21 X.

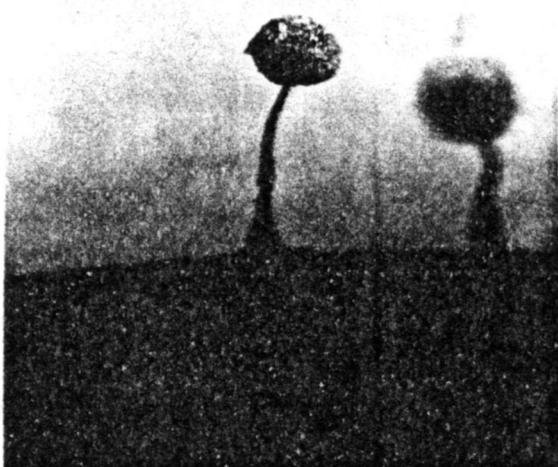
34- *Diderma spumariooides*. 34 X.



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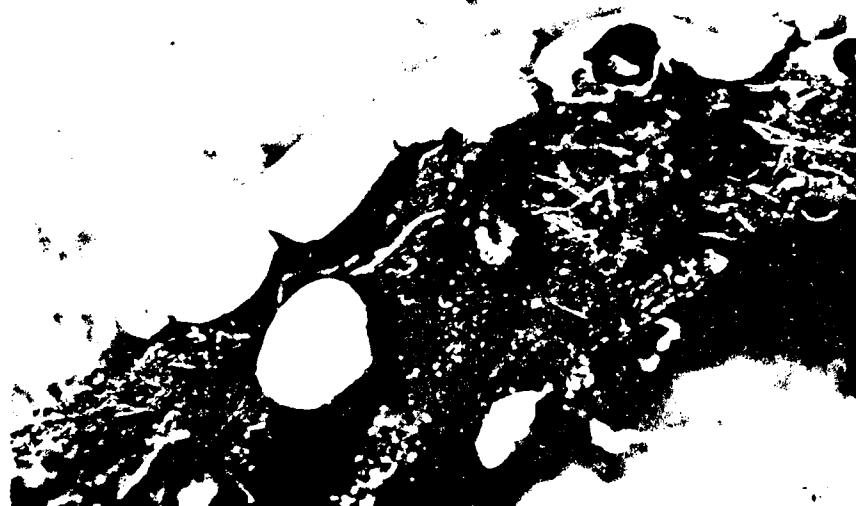


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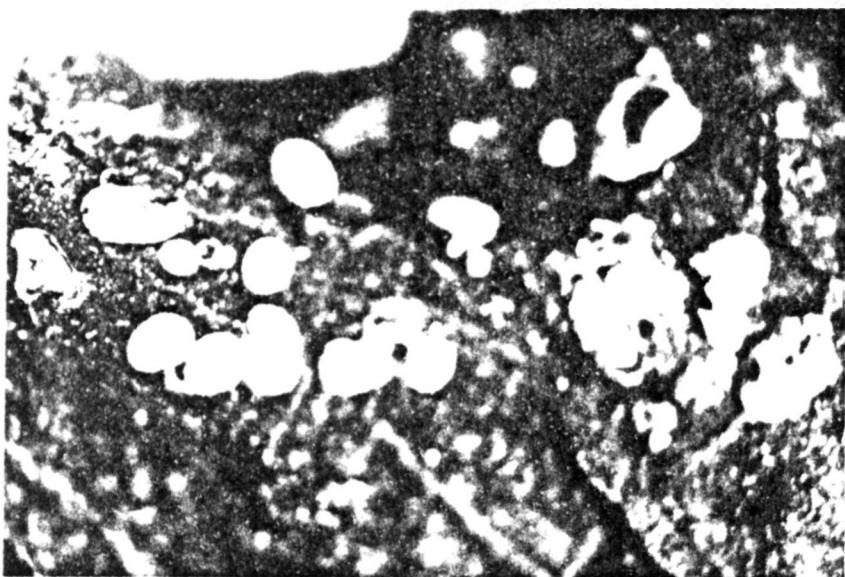
35- *Diderma umbilicatum*. 30 X.

36- *Didymium anellus*. 36 X.

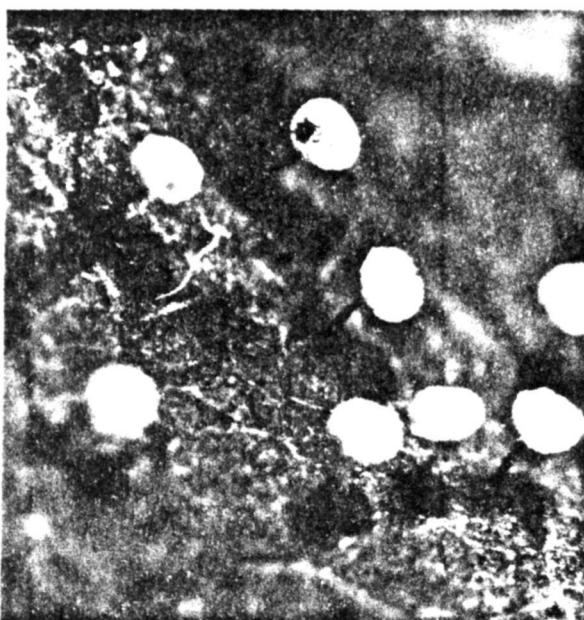
37- *Didymium bahiense*. 41 X.

38- *Didymium clavus*. 41 X.

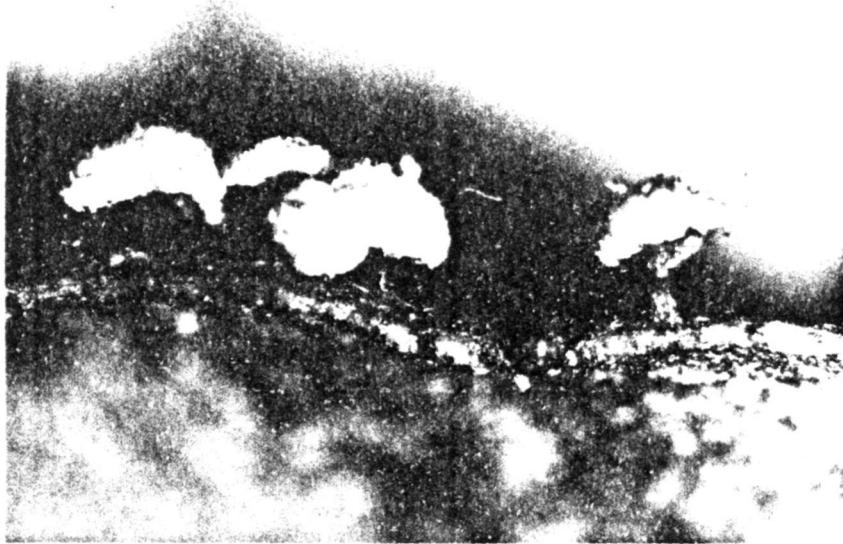
39- *Didymium comatum*. 52 X.



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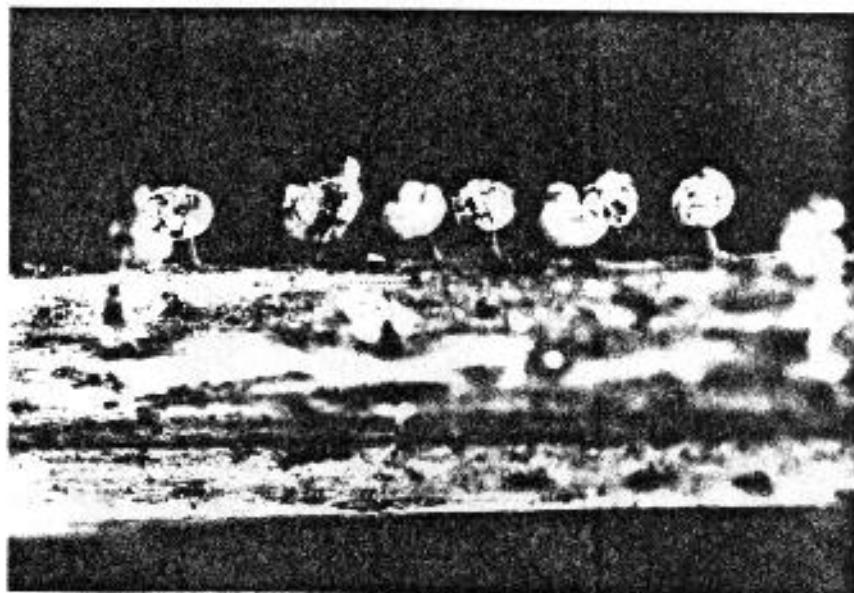


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- 40- *Didymium difforme*. 27 X.
41- *Didymium eximium*. 27 X.
42- *Didymium laxifila*. 45 X.
43- *Didymium melanospermum*. 45 X.
44- *Didymium minus*. 27 X.



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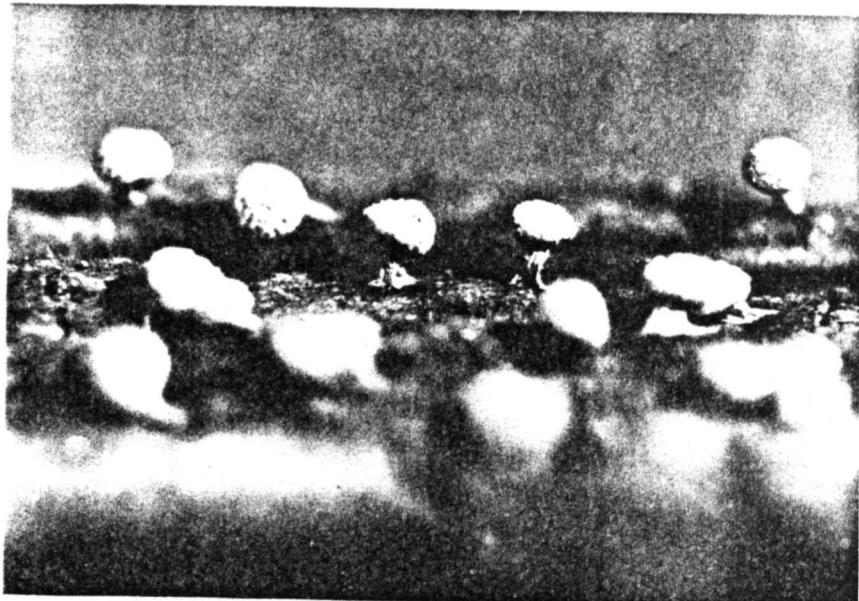


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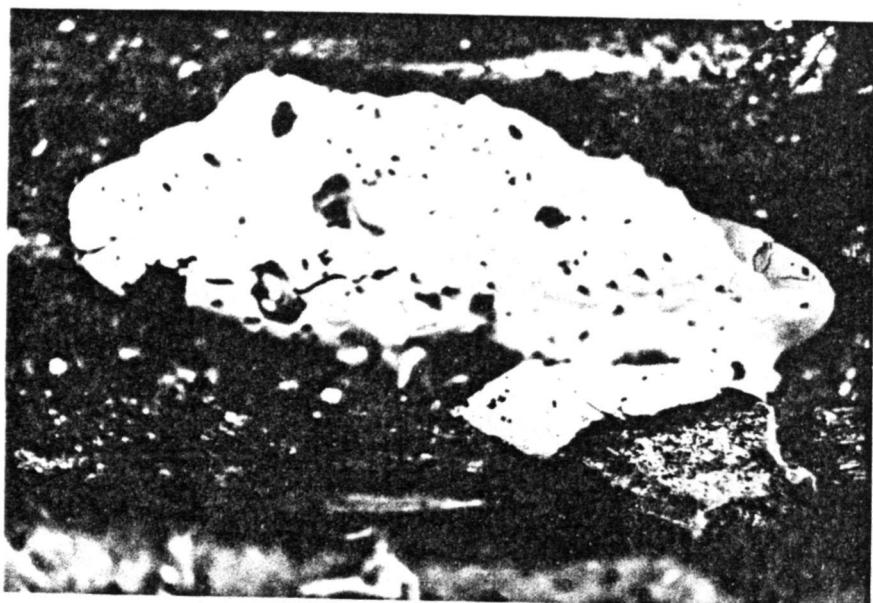
- 45- *Didymium minus*. 70 X.
46- *Didymium nigripes*. 36 X.
47- *Didymium ovoideum*. 60 X.
48- *Didymium squamulosum*. 27 X.
49- *Didymium tubulatum*. 36 X.



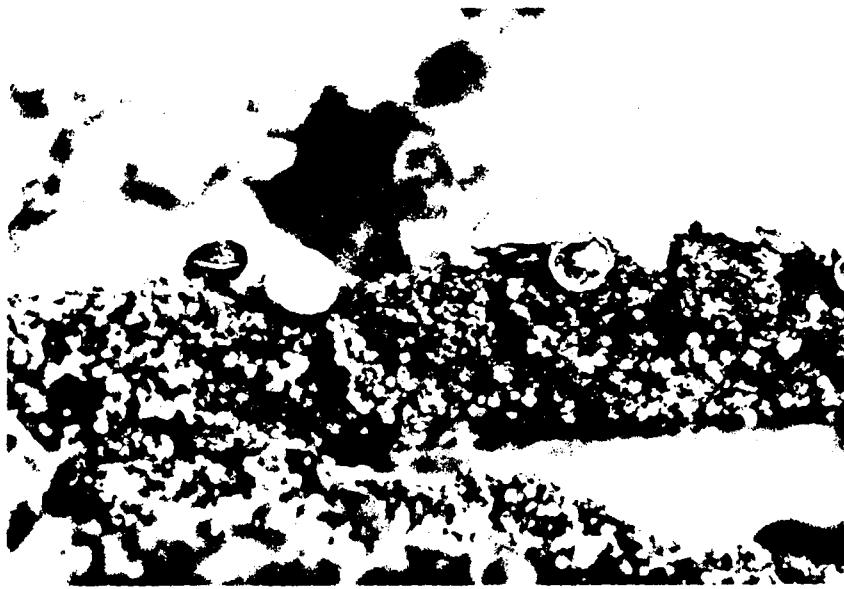
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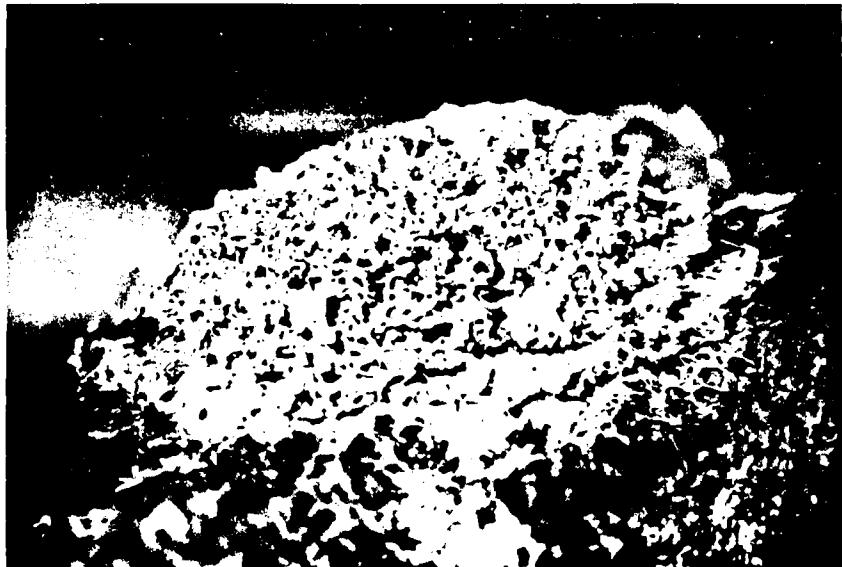
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50- *Didymium vaccinum*. 25 X.

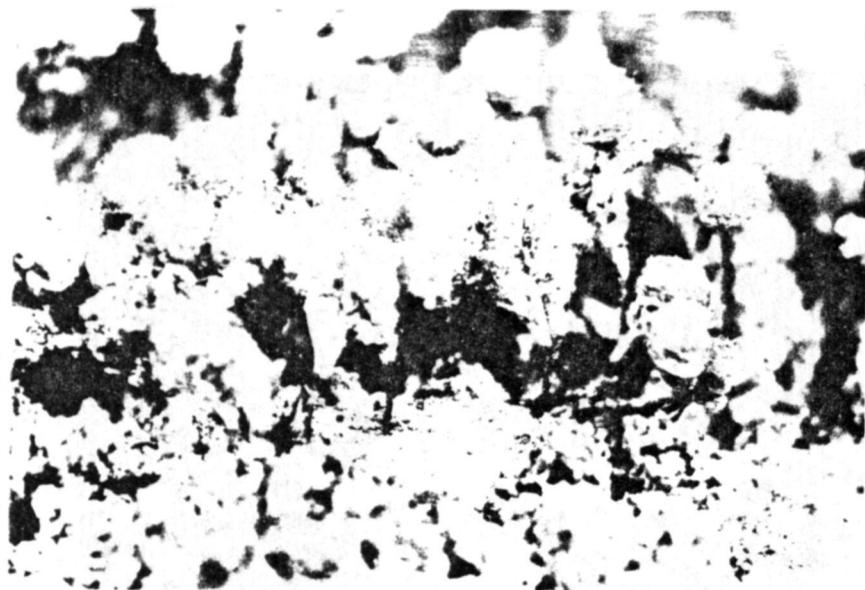
51- *Enerthenema melanospermum*. 70 X.

52- *Enetthenema papillatum*. 54 X.

53- *Fuligo septica*. 10 X.

54- *Hemitrichia abietina*. 63 X.

55.



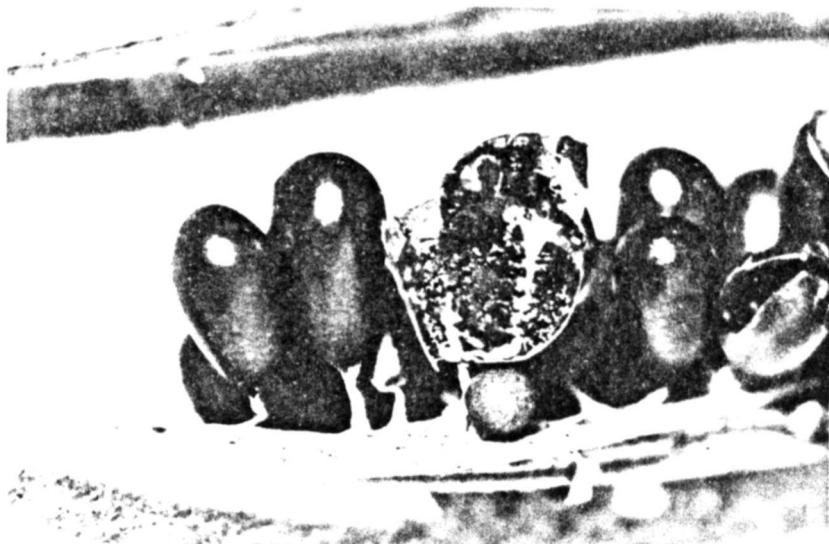
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- 55- *Hemitrichia clavata*. 16 X.
- 56- *Hemitrichia clavata*. 45 X.
- 57- *Hemitrichia serpula*. 63 X.
- 58- *Leocarpus fragilis*. 20 X.
- 59- *Licea castanea*. 70 X.



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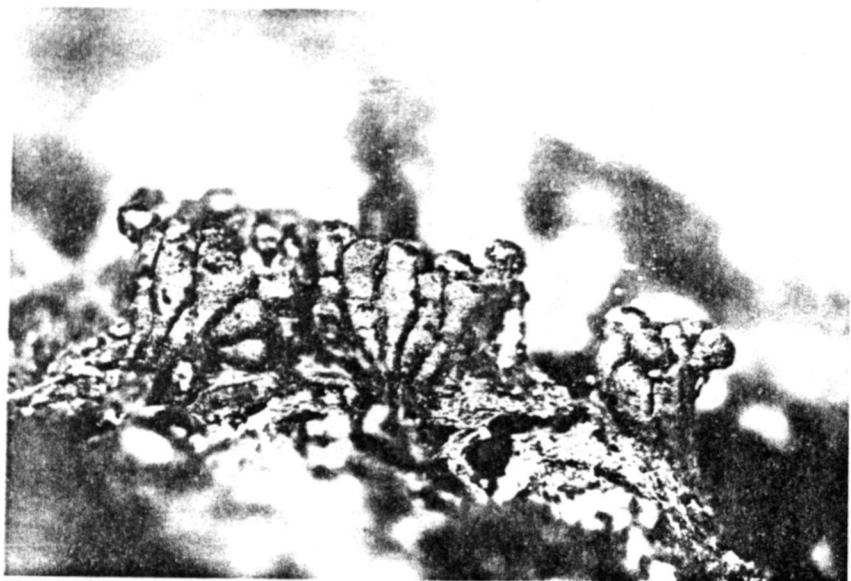
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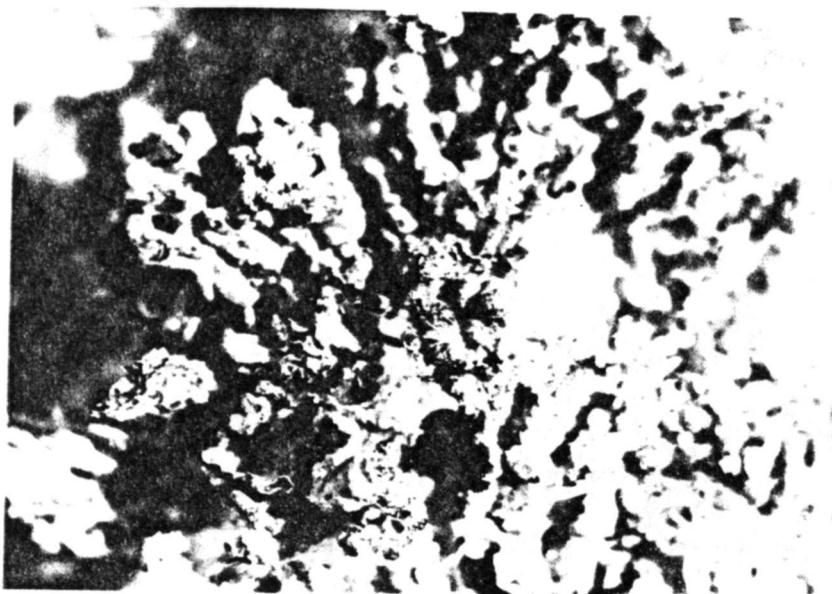
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- 60- *Didymium squamulosum*. 70 X.
- 61- *Licea minima*. 70 X.
- 62- *Licea variabilis*. 38 X.
- 63- *Lycogala epidendrum*. 10 X.
- 64- *Lindbladia tubulina*. 40 X.



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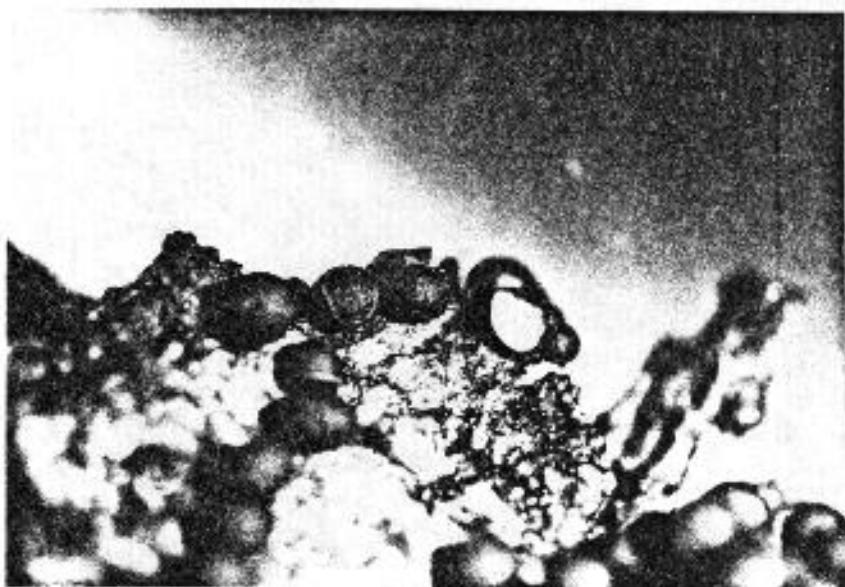
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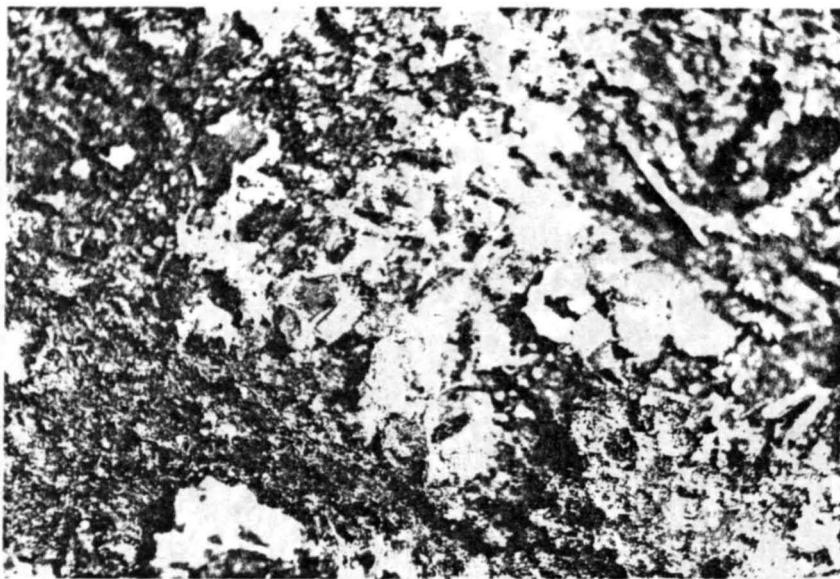
65- *Metatrichia vesparium*. 25 X.

66- *Mucilago crustacea*. 10 X.

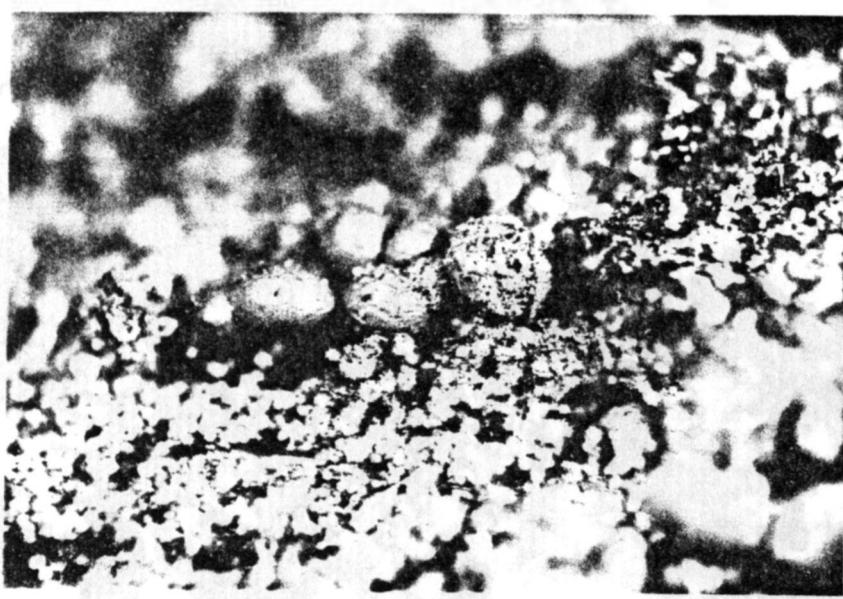
67- *Mucilago crustacea*. 10 X.

68- *Perichaena chrysosperma*. 27 X.

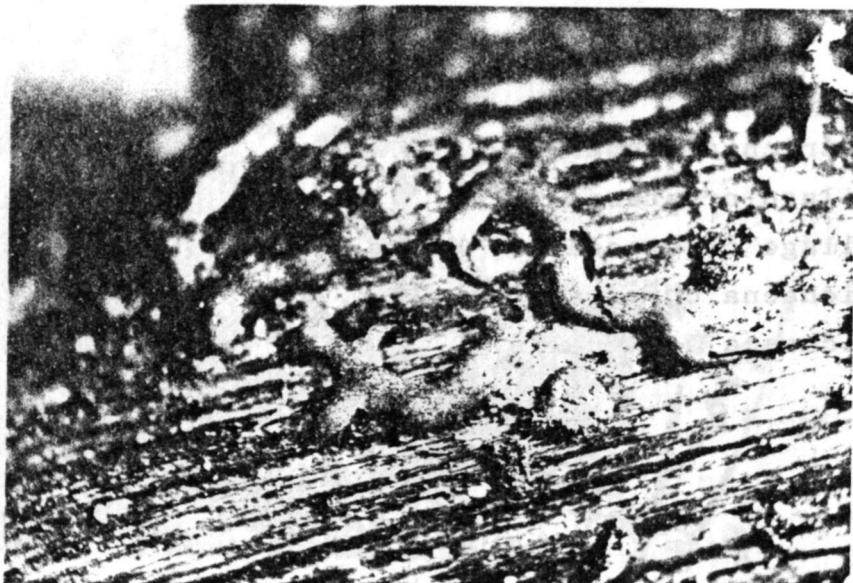
69- *Perichaena corticalis*. 27 X.



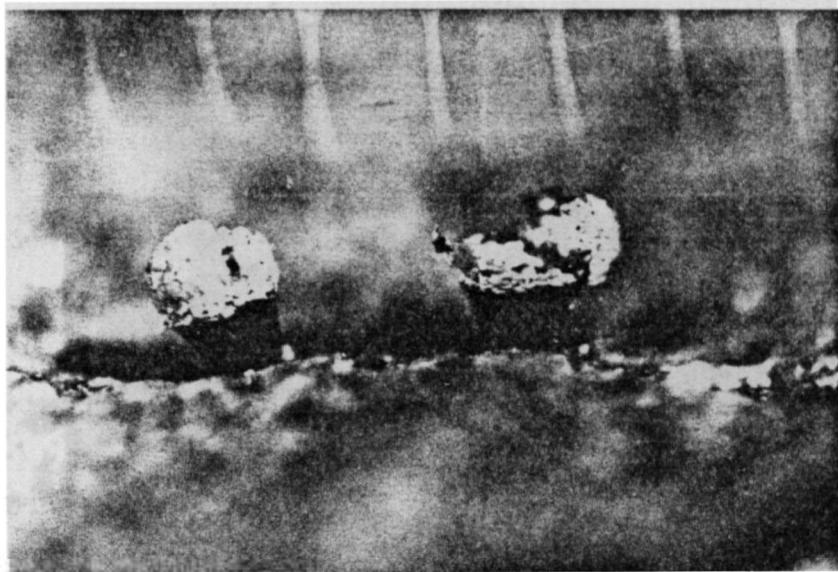
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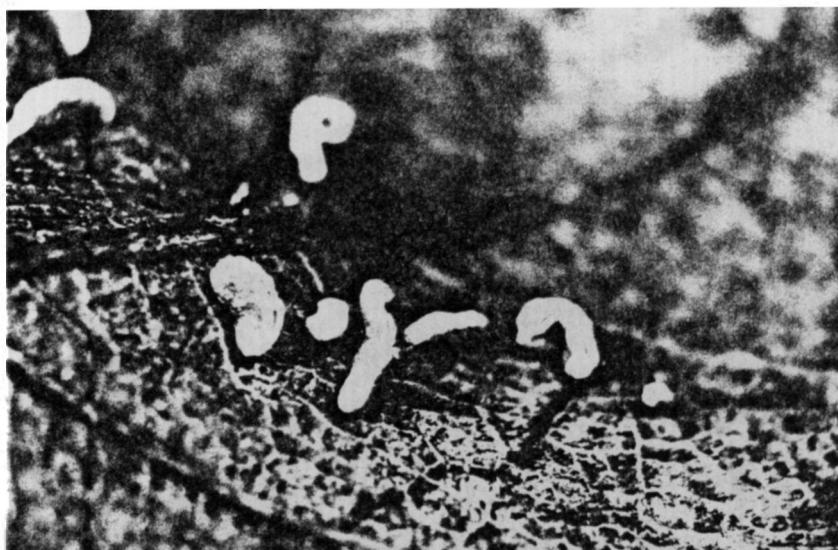
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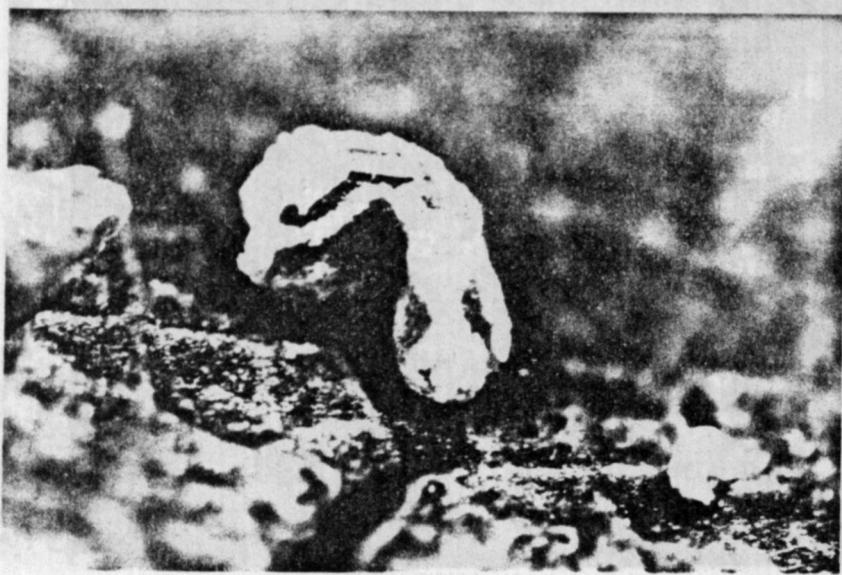


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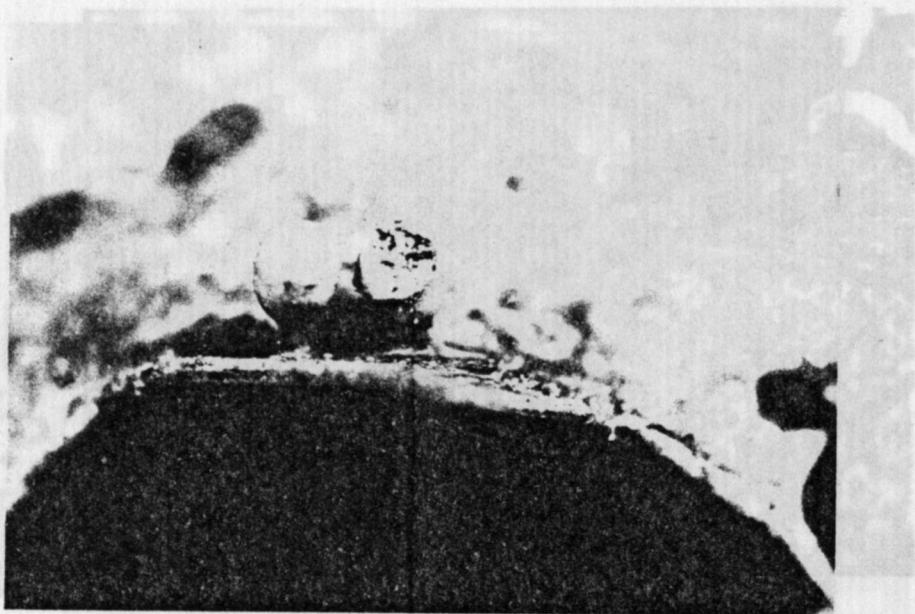
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- 70- *Perichaena depressa*. 25 X.
71- *Perichaena minor*. 29 X.
72- *Perichaena vermicularis*. 27 X.
73- *Physarum bitectum*. 52 X.
74- *Physarum bivalve*. 18 X.



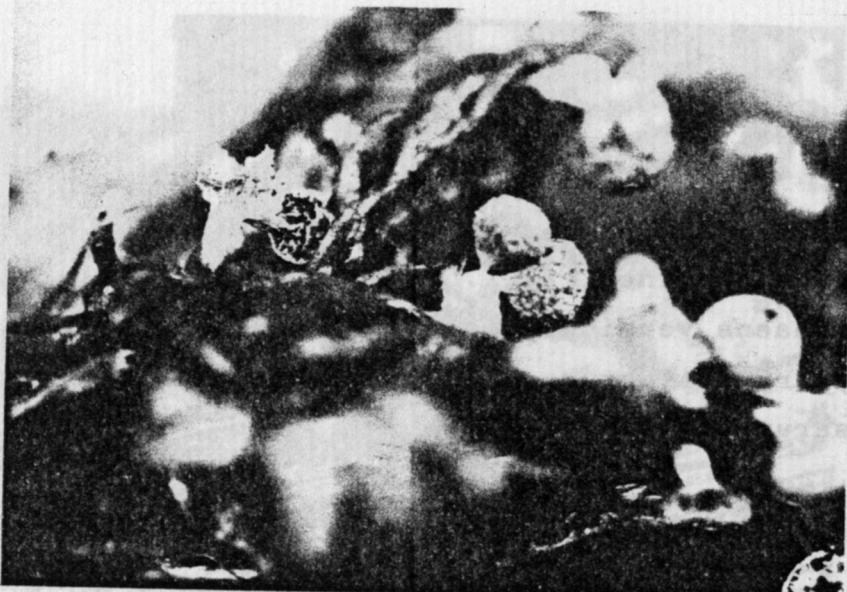
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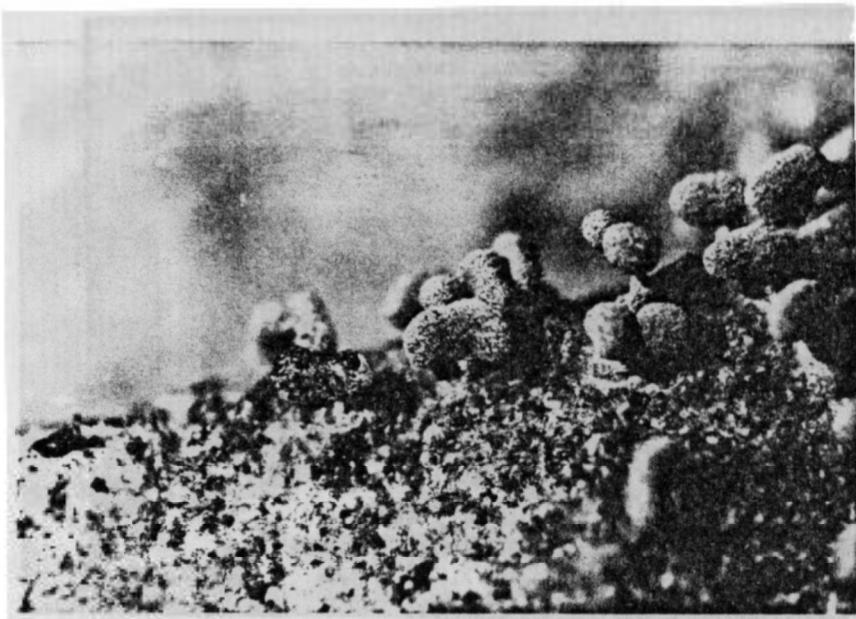
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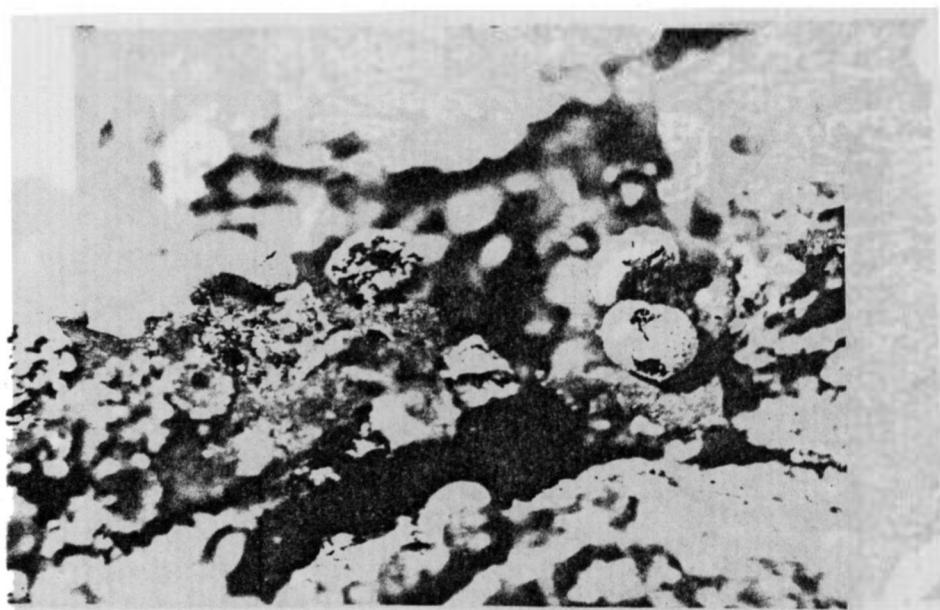


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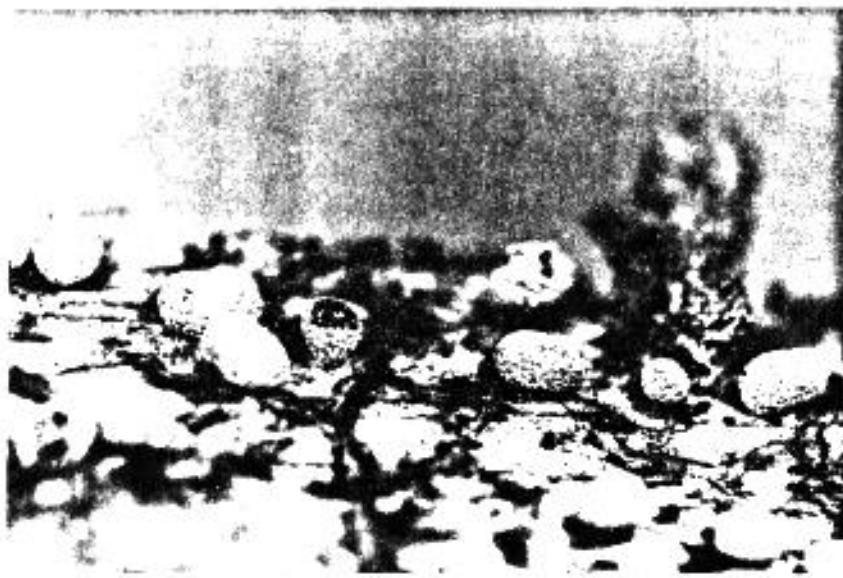


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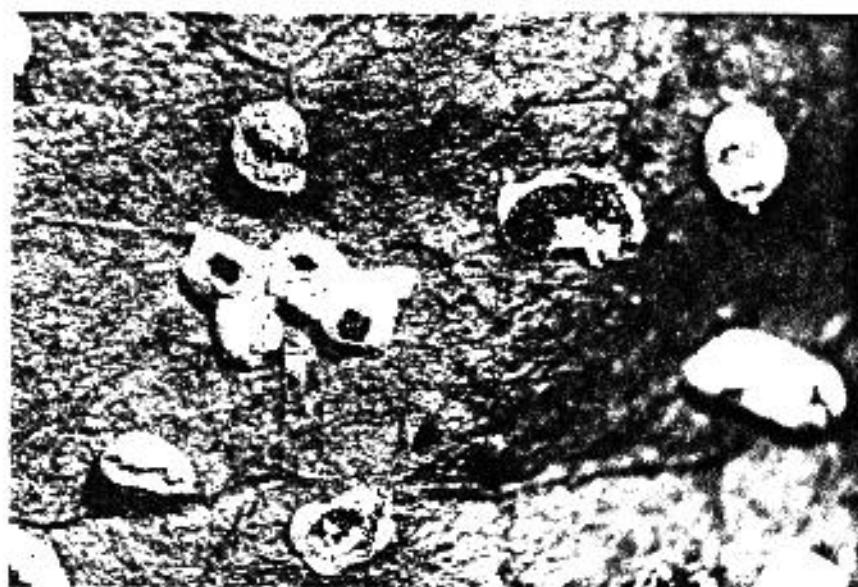


79.

- 75- *Physarum bivalve*. 63 X.
76- *Physarum brunneolum*. 29 X.
77- *Physarum cinereum*. 36 X.
78- *Physarum compressum*. 25 X.
79- *Physarum decipiens*. 27 X.



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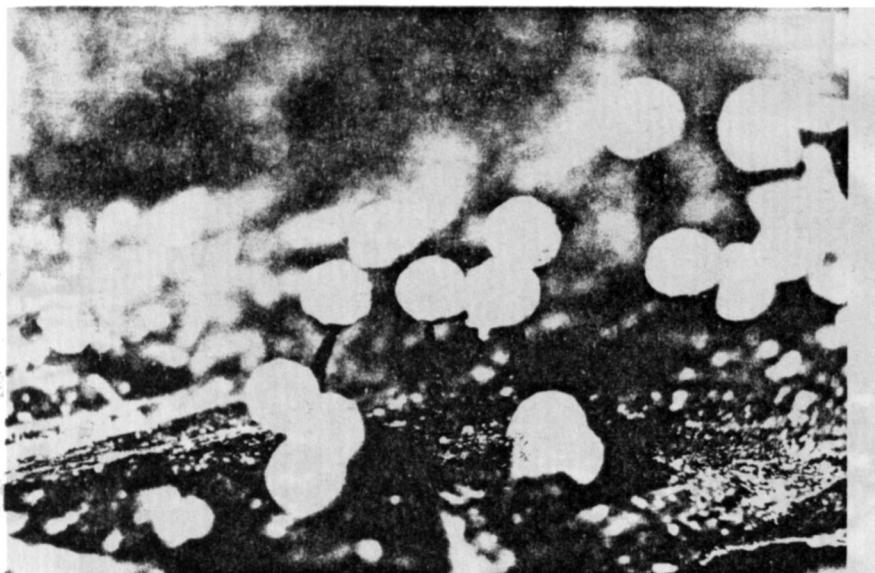
80- *Physarum leucophaeum*. 29 X.

81- *Physarum luteolum*. 23 X.

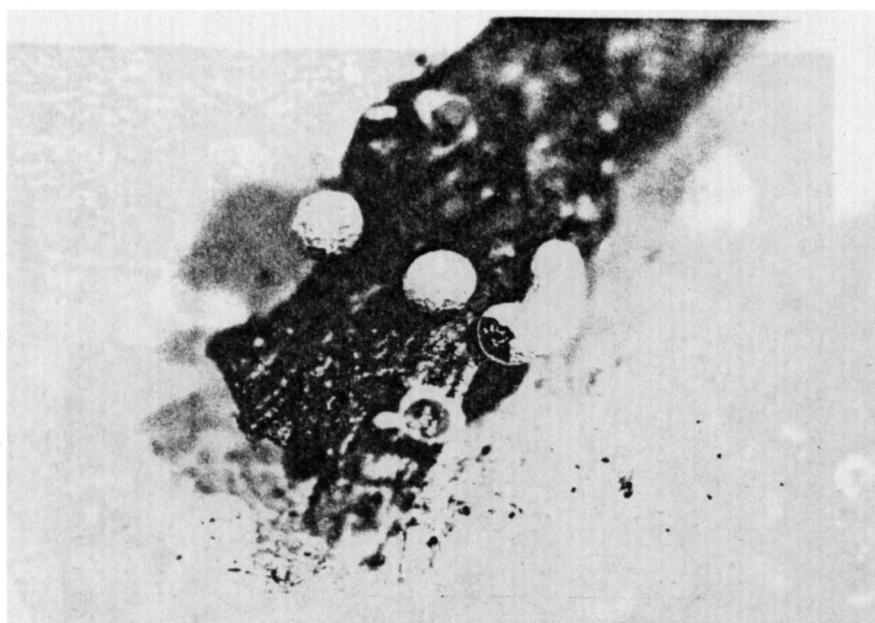
82- *Physarum melleum*. 36 X.

83- *Physarum newtonii*. 41 X.

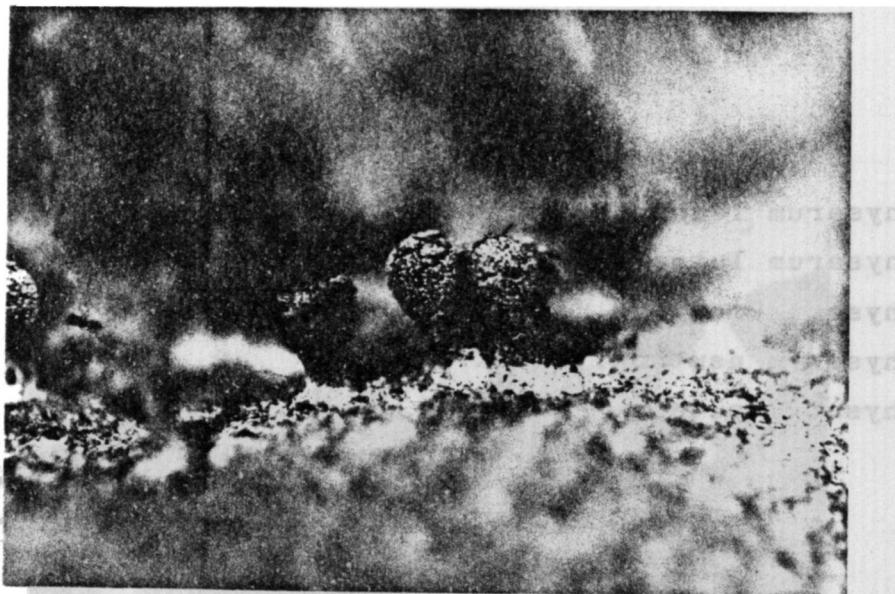
84- *Physarum nutans*. 27 X.



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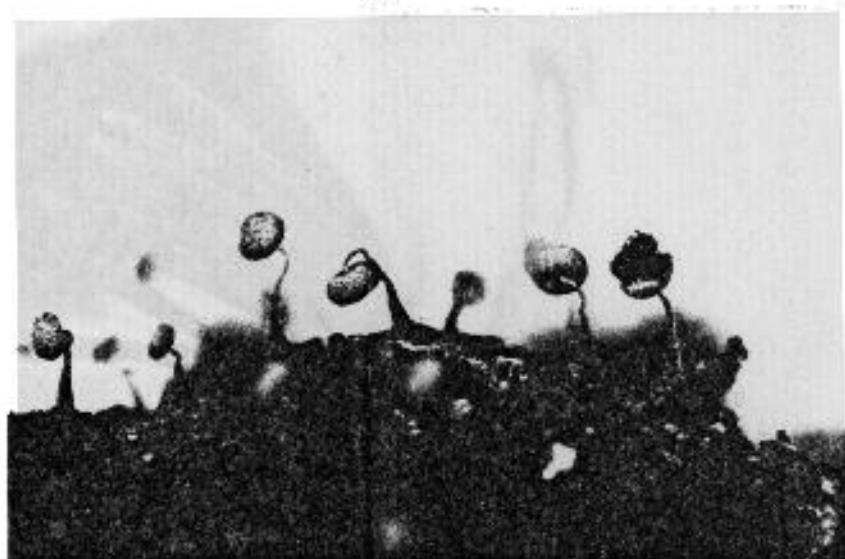


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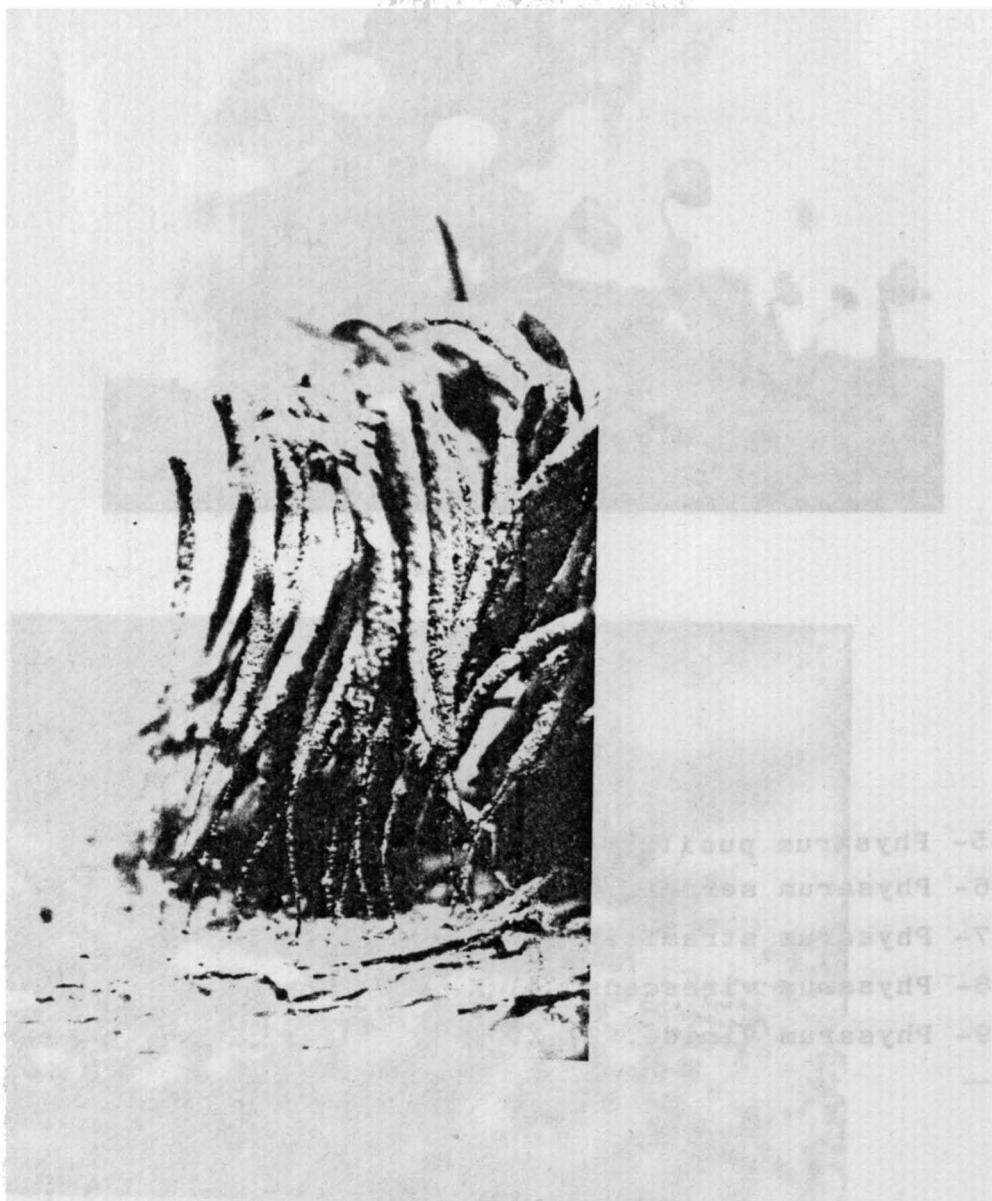


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- 85- *Physarum pusillum*. 36 X.
86- *Physarum serpula*. 27 X.
87- *Physarum straminipes*. 38 X.
88- *Physarum virescens*. 41 X.
89- *Physarum viride*. 27 X.

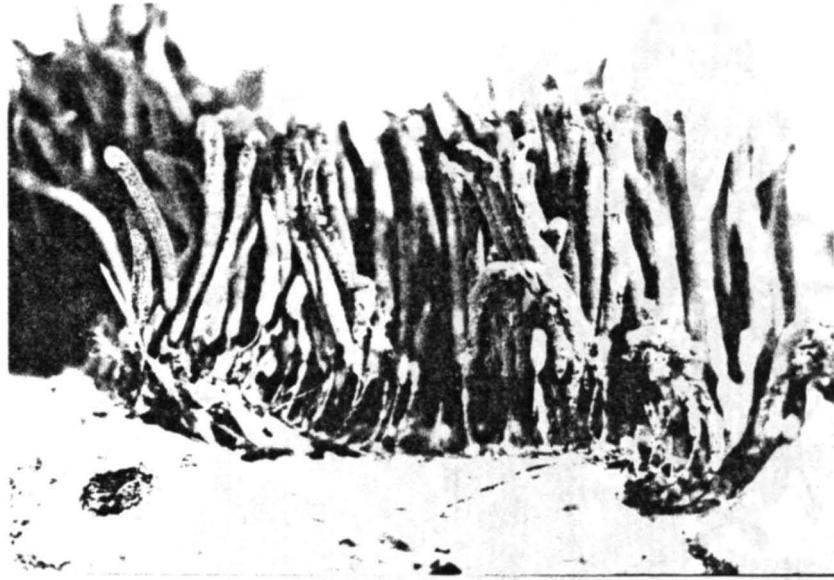


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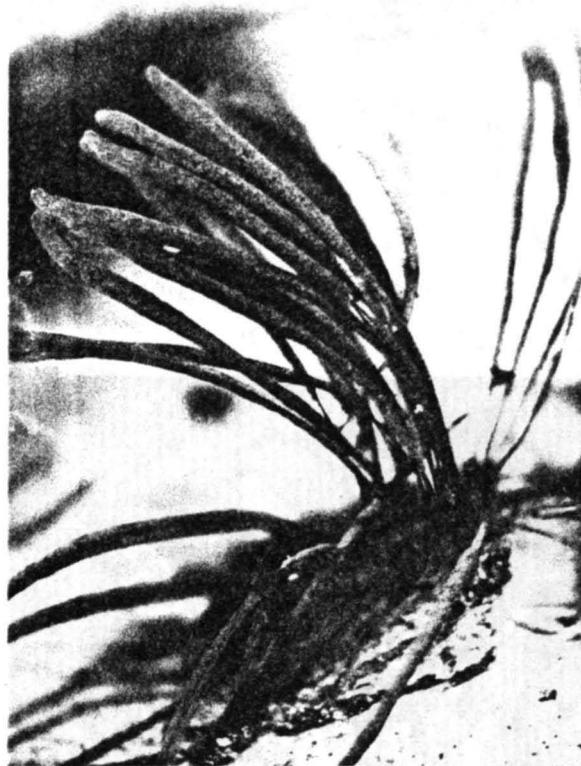


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92.



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90- *Prototrichia metallica*. 38 X.

91- *Stemonitis axifera*. 14 X.

92- *Stemonitis fusca*. 10 X.

93- *Stemonitis herbarica*. 10 X.

94.



95.



94- *Stemonitis nigrescens*. 18 X.

95- *Stemonitis smithii*. 21 X.

96- *Stemonitis splendens*. 10 X.

97- *Stemonitis virginiensis*. 29 X.



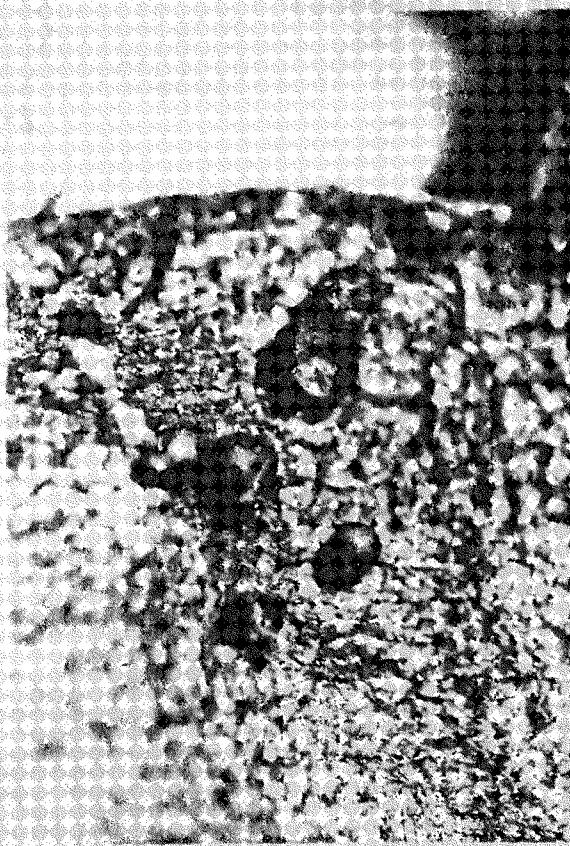
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98 - *Trichia botrytis*. 25 X.

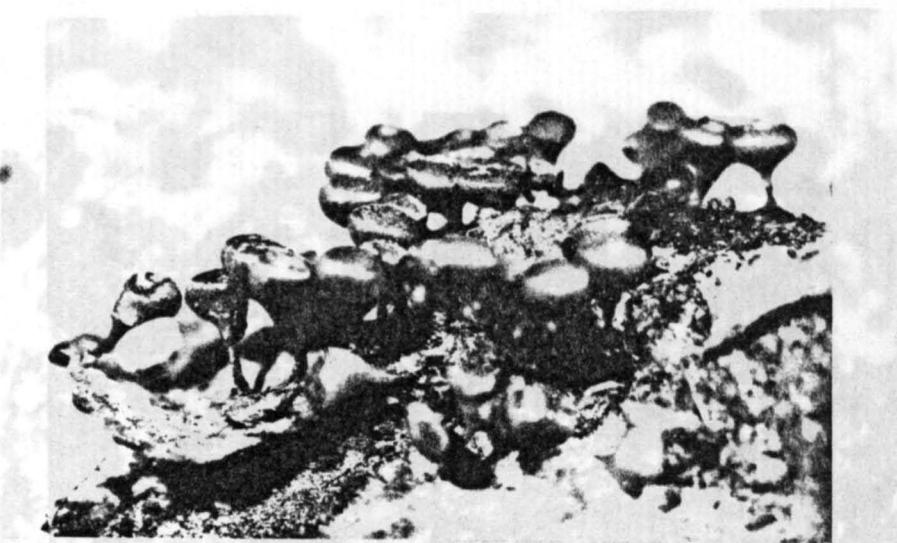
99 - *Trichia contorta*. 32 X.

100- *Trichia decipiens*. 14 X.

101- *Trichia decipiens*. 39 X.

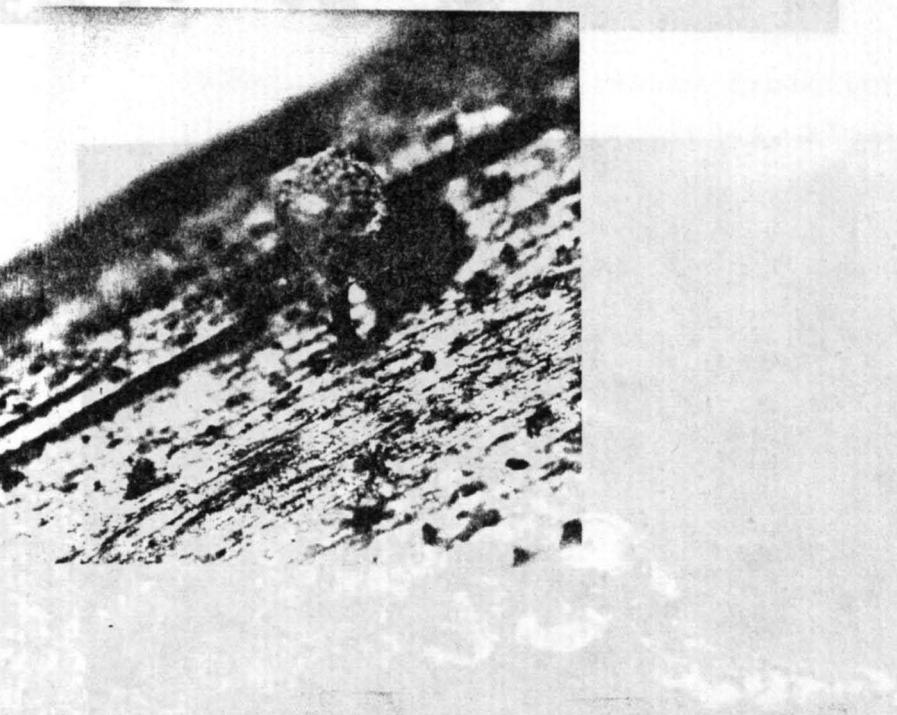
102- *Trichia favaginea*. 25 X.

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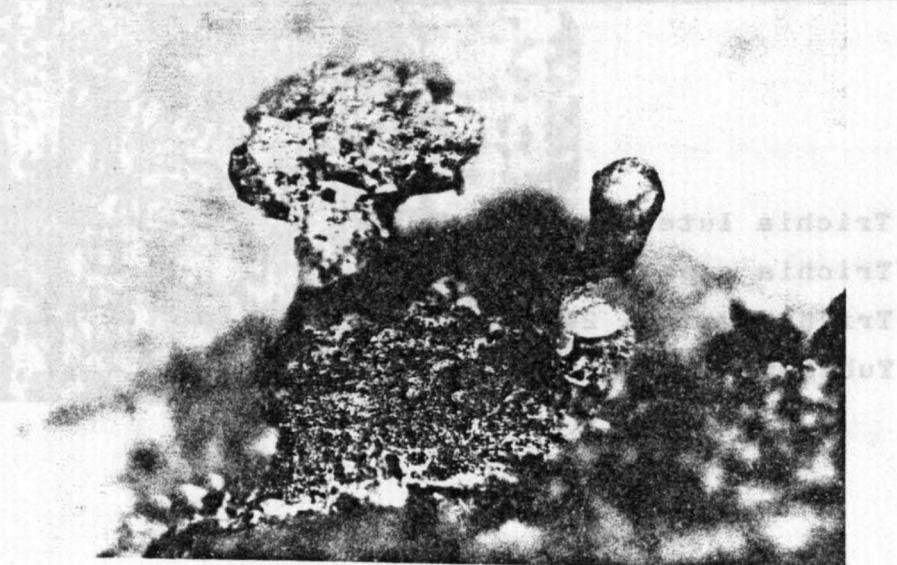
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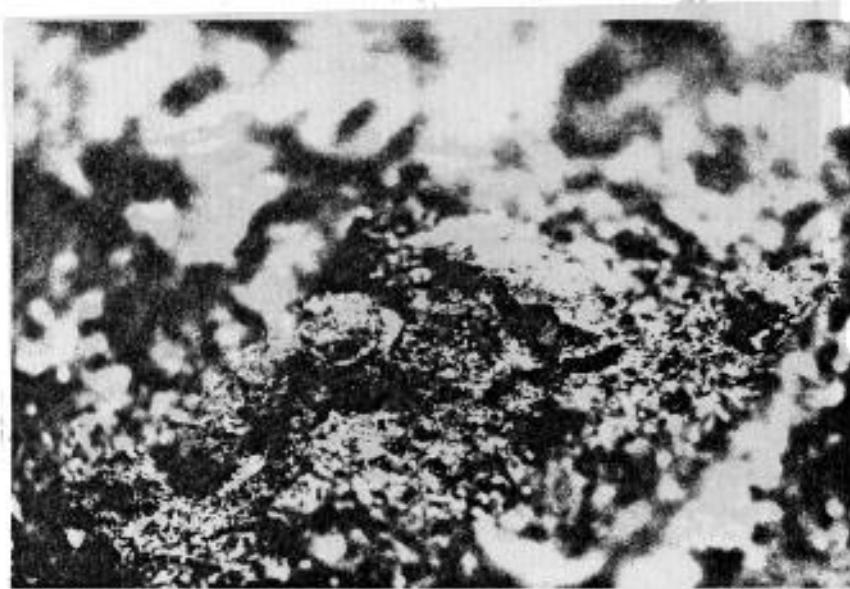
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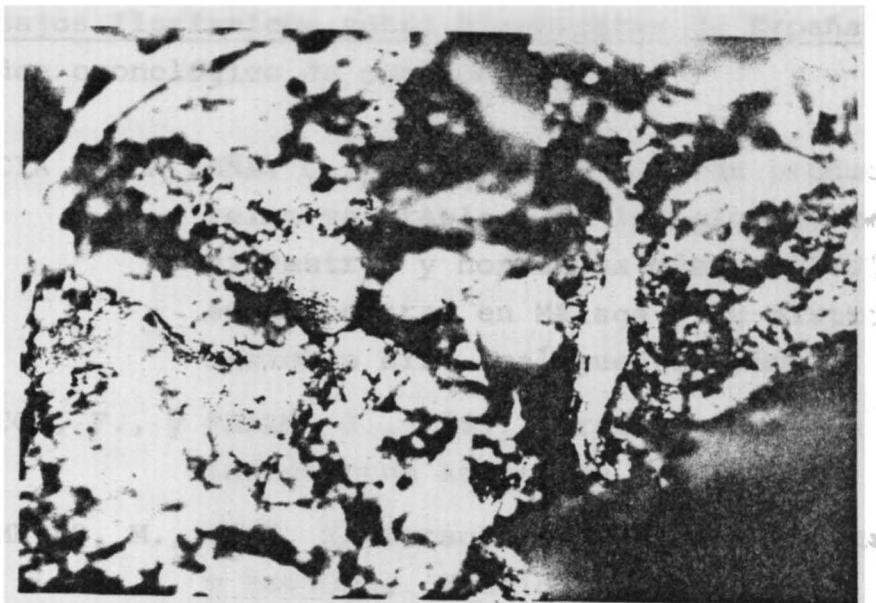
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103- *Trichia lutescens*. 23 X.

104- *Trichia scabra*. 38 X.

105- *Trichia varia*. 25 X.

106- *Tubifera ferruginosa*. 10 X.



105.

Fig. 105. - *Leucostoma* sp. (Berk.) Sacc. - A dense, granular tissue, with irregular, dark and light-colored regions. (After Farlow, 1890, Pl. 1, fig. 1.)



106.

Fig. 106. - *Leucostoma* sp. (Berk.) Sacc. - A large, rounded, granular tissue, with a dense, mottled surface. (After Farlow, 1890, Pl. 1, fig. 2.)

