

*D. polycephalum* カンザシタマホコリカビ

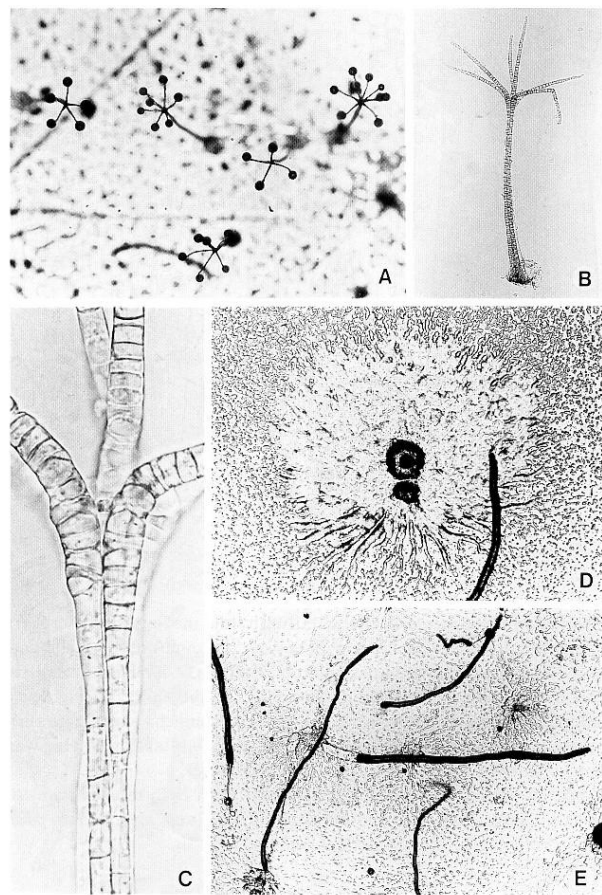


Fig. 56. *Dictyostelium polycephalum*. A. Growth habit.  $\times 34$ . B. Coremium-like sorocarp.  $\times 85$ . C. Detaching part of a coremium-like sorocarps.  $\times 720$ . D. Pseudoplasmodium.  $\times 21$ . E. Migrating pseudoplasmodia.  $\times 12$ .

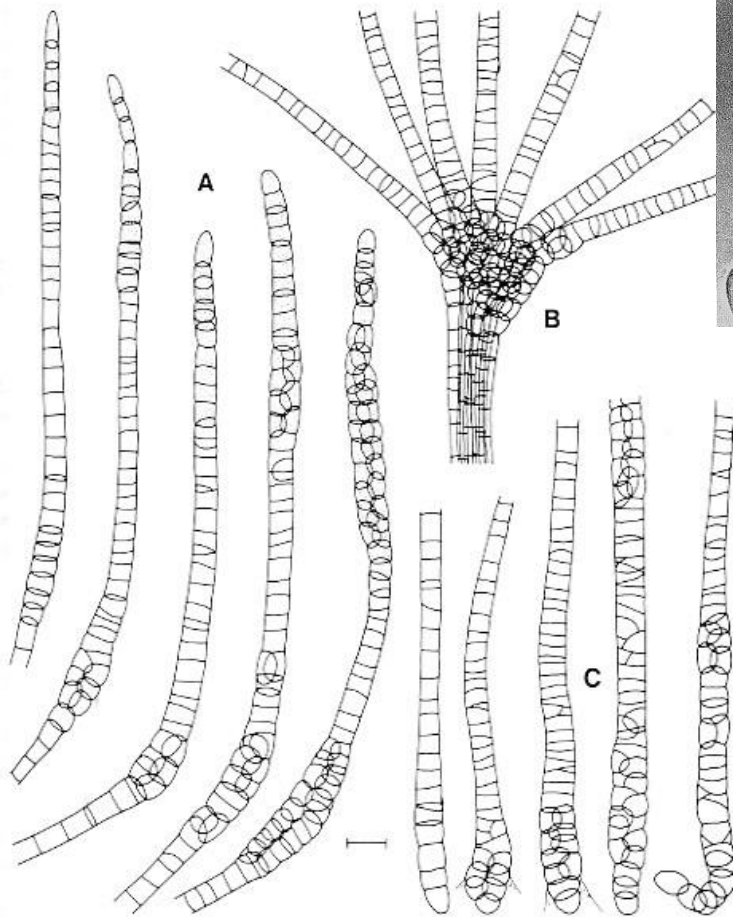
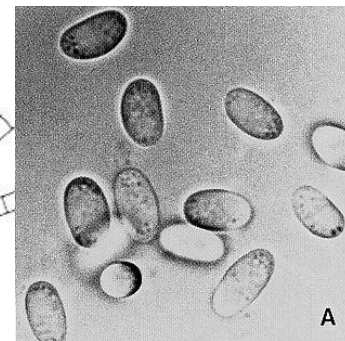


Fig. 57. *Dictyostelium polycephalum*. A. Tips. B. Part of coremium-like sorocarps. C. Bases. Scale = 10  $\mu\text{m}$ .



A

*D. microsporum* コミタマホコリカビ

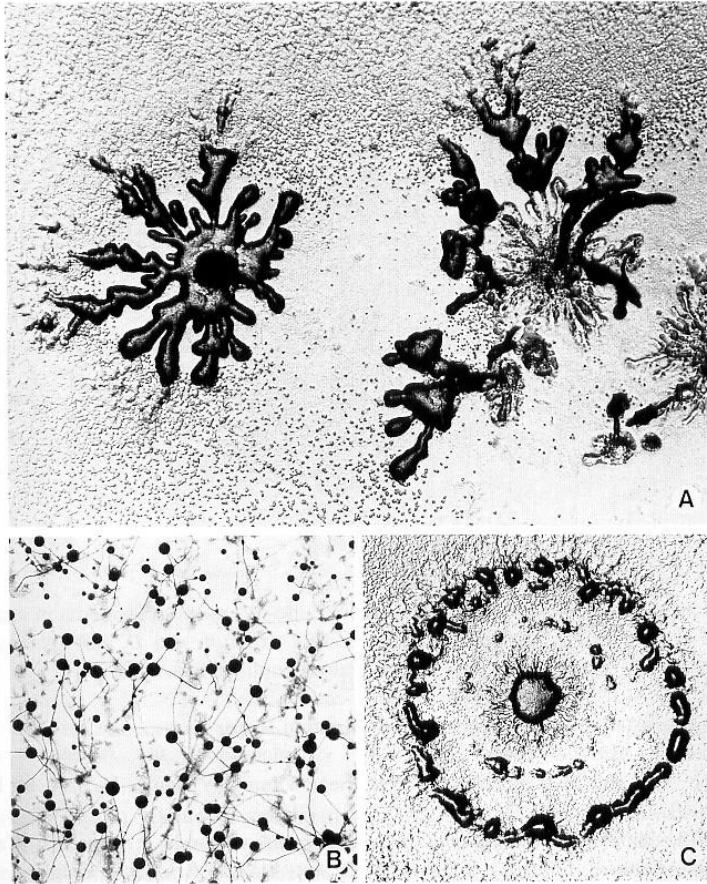


Fig. 46. *Dictyostelium microsporum*. A. Pseudoplasmodia.  $\times 27$ . B. Growth habit.  $\times 21$ . C. Much larger aggregation complex with two circles of pseudoplasmodia.  $\times 21$ .

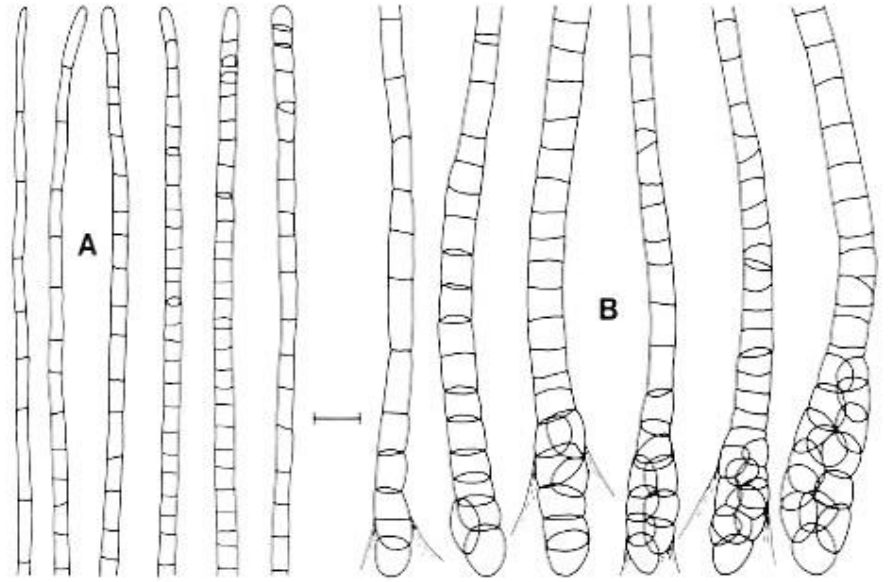
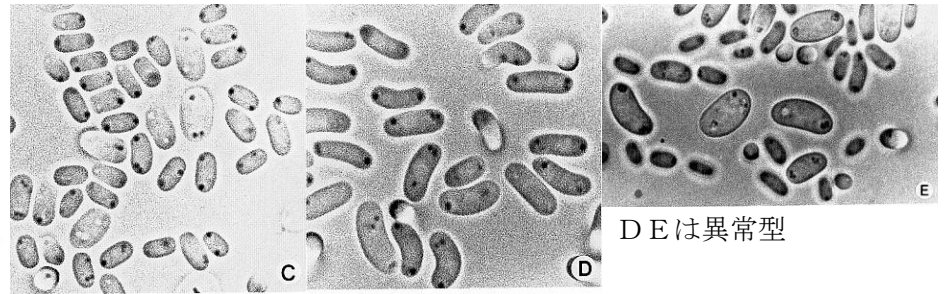


Fig. 47. *Dictyostelium microsporum*. A. Tips. B. Bases. Scale = 10  $\mu\text{m}$ .



DEは異常型

*D. polycarpum*

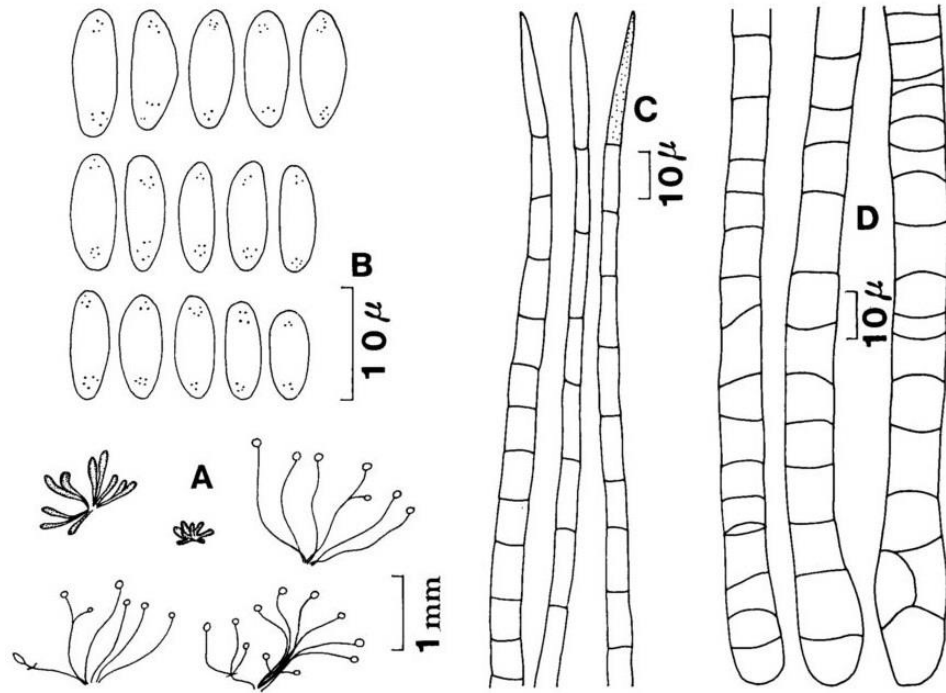
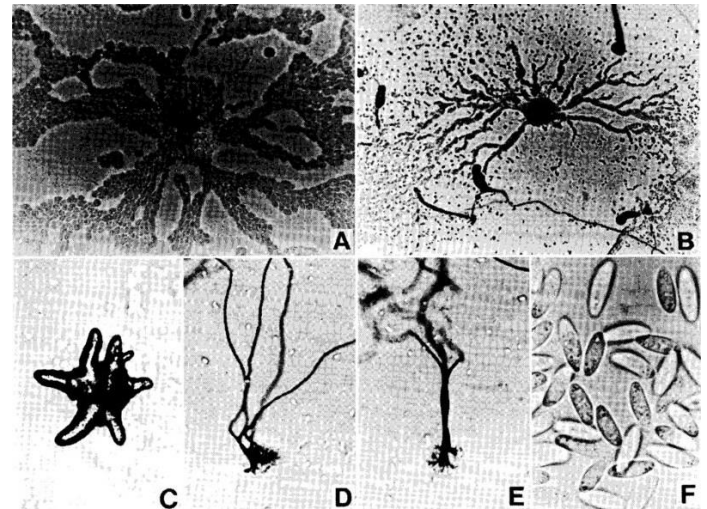


Fig. 2. *Dictyostelium polycarpum*. — A. Three clusters of mature sorocarps and two of sorogens. — B. Spores. — C. Tips of sorophores. — D. Bases of sorophores.



*D. parvisporum*

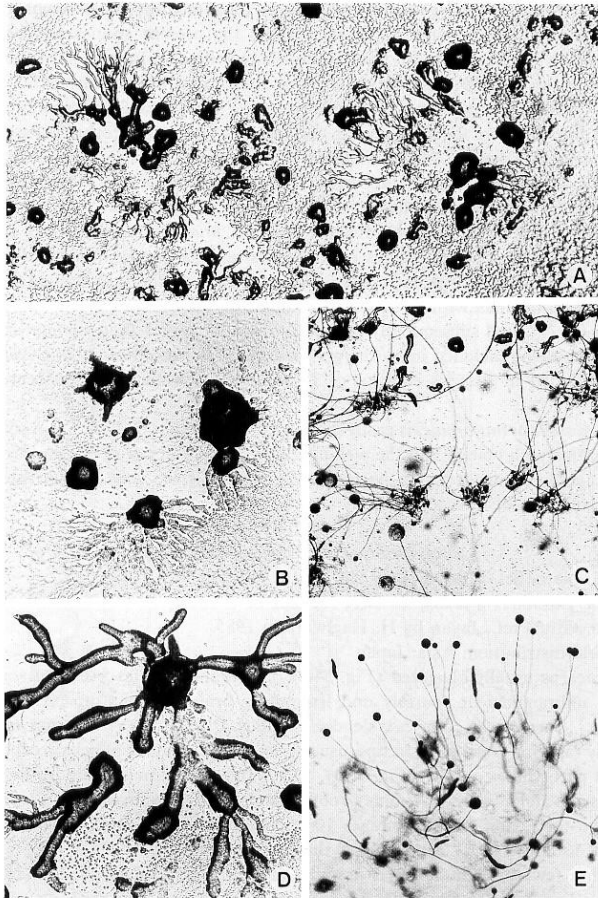


Fig. 54. *Dictyostelium parvisporum*. A. Pseudoplasmodia.  $\times 23$ . B. Somewhat mound-like pseudoplasmodia.  $\times 31$ . C. Clustered sorocarps developed from mound-like pseudoplasmodia.  $\times 21$ . D. Subdivided pseudoplasmodium.  $\times 31$ . E. Gregarious sorocarps developed from radial pseudoplasmodia.  $\times 21$ .

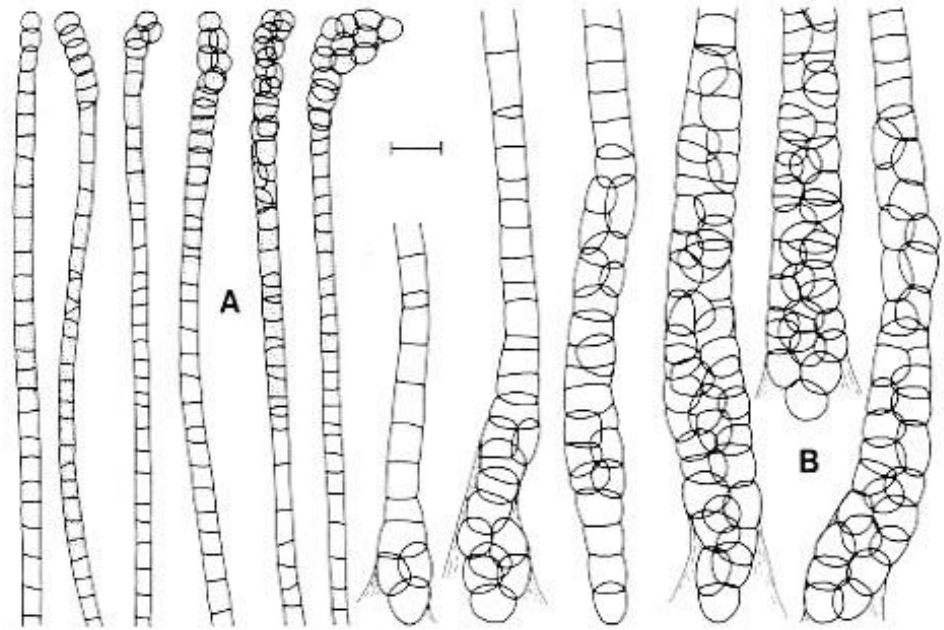
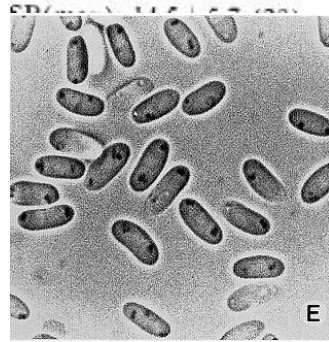


Fig. 55. *Dictyostelium parvisporum*. A. Tips. B. Bases. Scale =  $10 \mu\text{m}$ .



E

*D. monochasioides* イレコタマホコリカビ

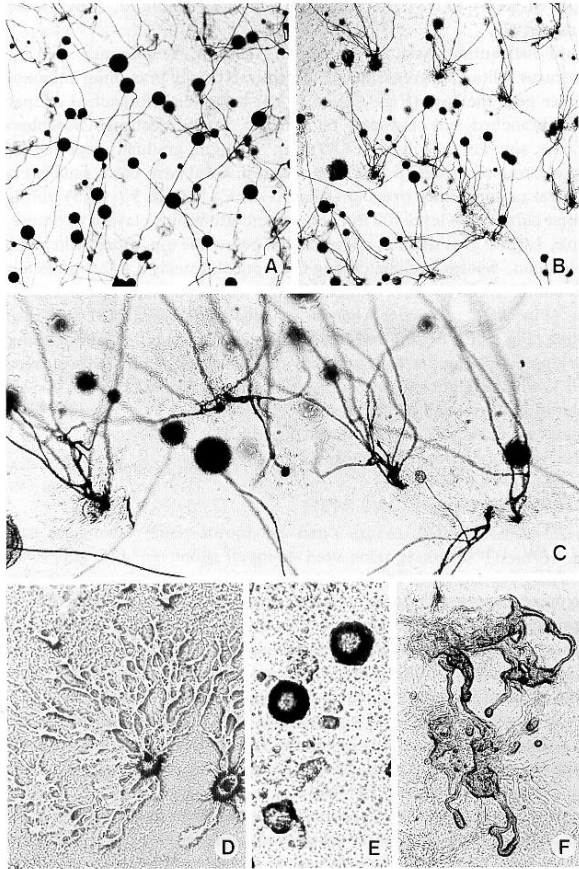


Fig. 50. *Dictyostelium monochasioides*. A. Growth habit showing the development of solitary or gregarious sorocarps.  $\times 20$ . B. Growth habit showing the development of apparently clustered sorocarps.  $\times 20$ . C. Sorocarps having monochasium-like branches.  $\times 51$ . D. Radial pseudoplasmodia.  $\times 40$ . E. Mound-like pseudoplasmodia.  $\times 37$ . F. Secondary aggregations developed by emigrating myxamoebae.  $\times 37$ .

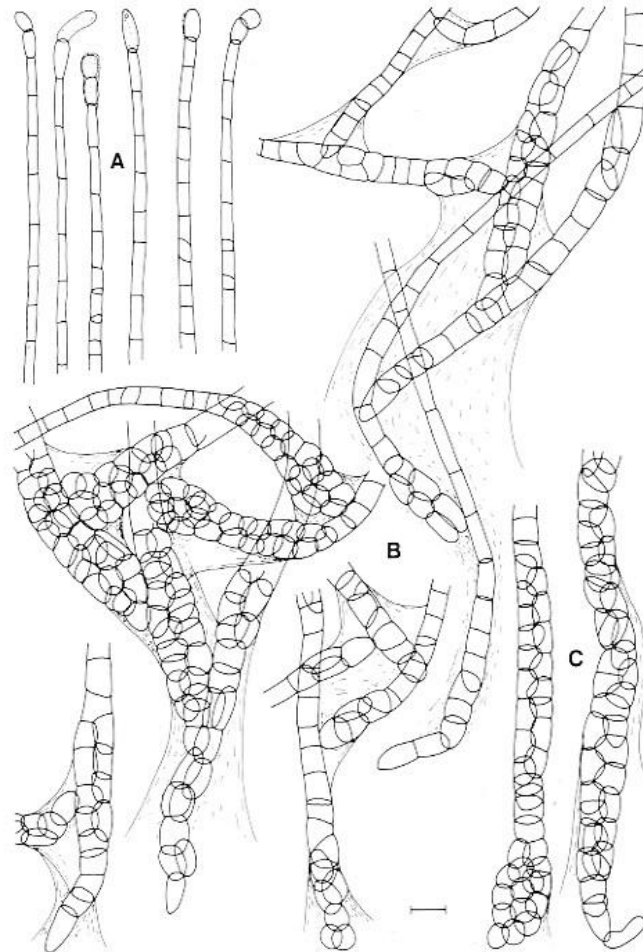
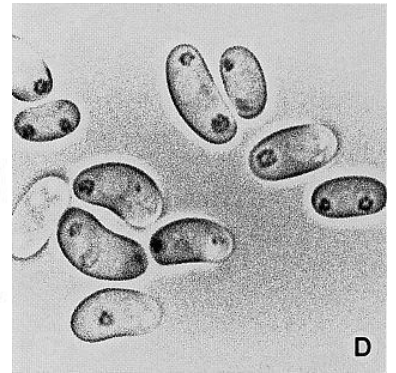
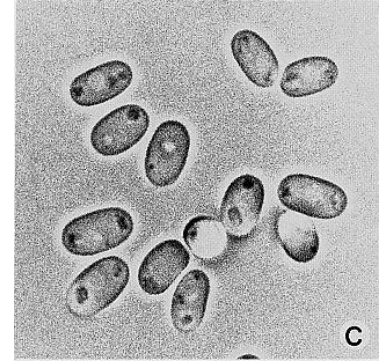


Fig. 51. *Dictyostelium monochasioides*. A. Tips. B. Basal parts of sorophores with branches. C. Bases. Scale =  $10\mu\text{m}$ .



Dは異常型

*D. aureo-stipes* var. *aureo-stipes* キムレタマホコリカビ

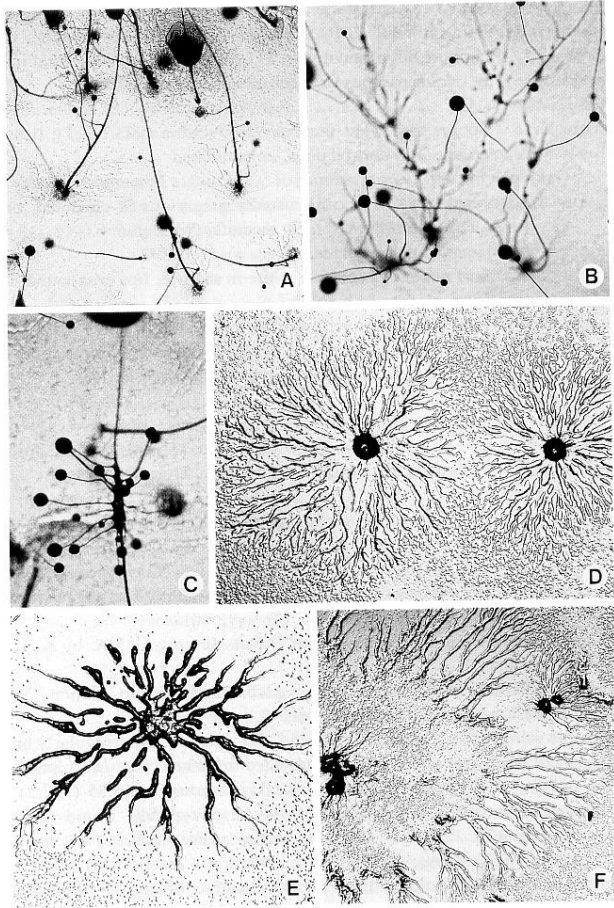


Fig. 26. *Dictyostelium aureo-stipes* var. *aureo-stipes*. A. Solitary sorocarps.  $\times 15$ . B. Gregarious sorocarps.  $\times 15$ . C. Irregular and crowded branches.  $\times 26$ . D. Two pseudoplasmodia in early stage.  $\times 18$ . E. Pseudoplasmodium subdivided into many parts.  $\times 21$ . F. Much larger aggregation complex with radial streams at the periphery.  $\times 13$ .

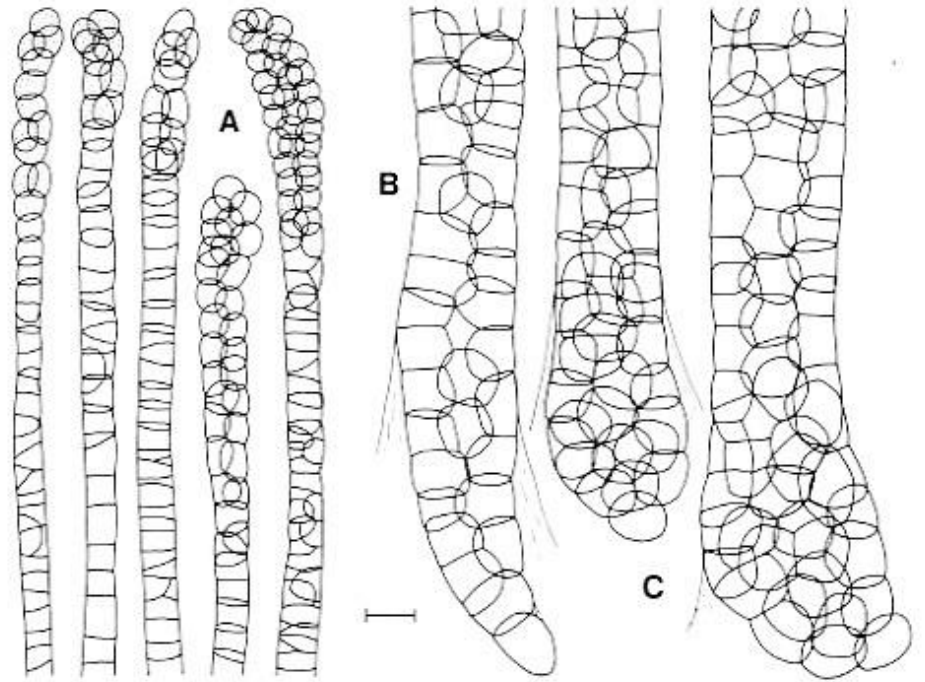
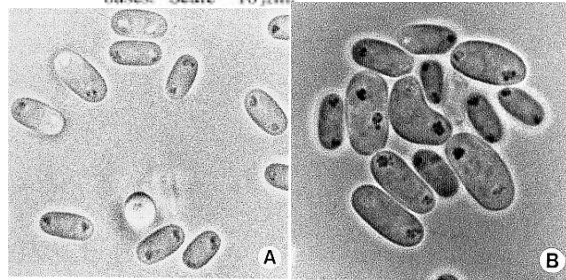


Fig. 27. *Dictyostelium aureo-stipes* var. *aureo-stipes*. A. Tips. B. Clavate base. C. Round bases. Scale = 10  $\mu$ m.



Bは異常型

*D. delicatum* ムレタマホコリカビ

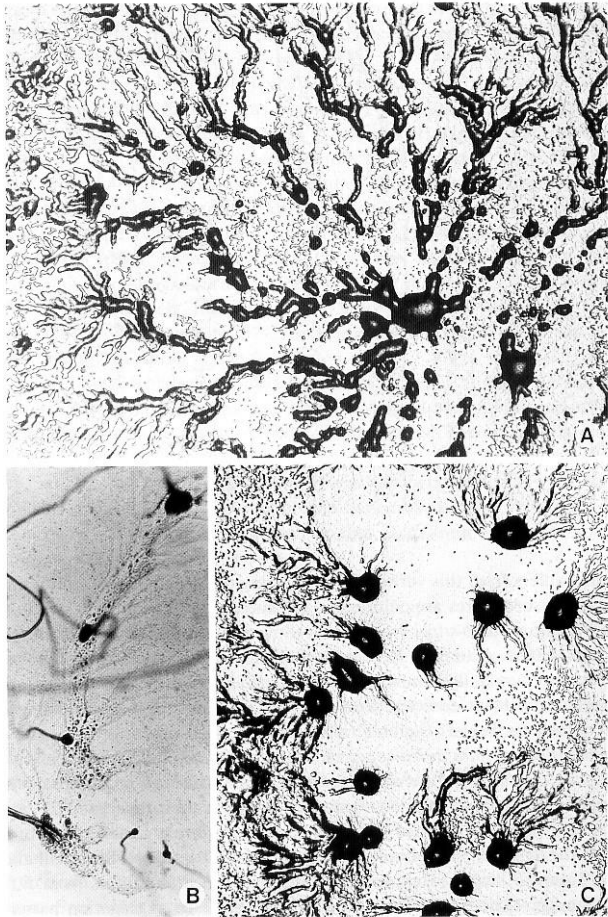


Fig. 34. *Dictyostelium delicatum*. A. Subdivided pseudoplasmodium showing the typical pattern of the violaceum-type aggregation.  $\times 24$ . B. Gregariously developed sorocarps.  $\times 52$ . C. small pseudoplasmodia.  $\times 24$ .

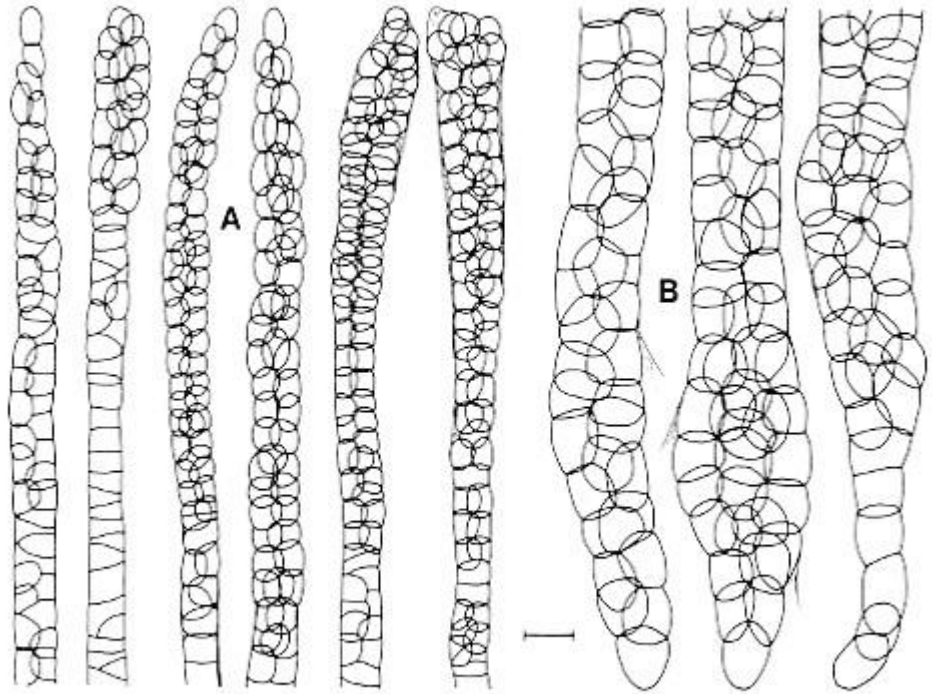
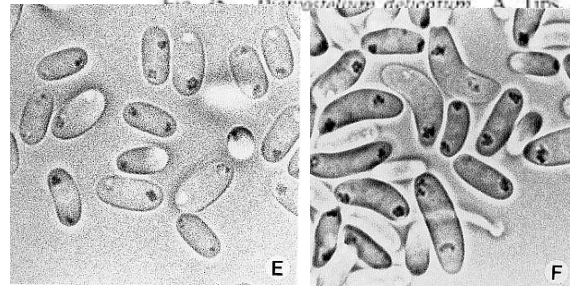


Fig. 35. *Dictyostelium delicatum*. A. Tips. B. Bases. Scale = 10  $\mu\text{m}$ .



Fは異常型

*D. rhizopodium* カギヅメタマホコリカビ

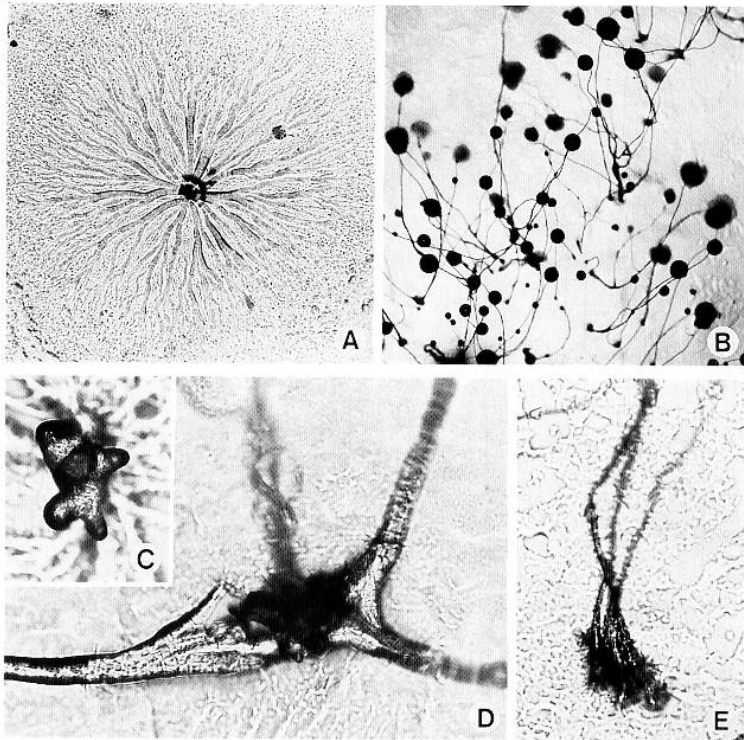


Fig. 60. *Dictyostelium rhizopodium*. A. Pseudoplasmodium.  $\times 18$ . B. Growth habit.  $\times 11$ . C. Clustered sorogens.  $\times 72$ . D, E. Basal parts of clustered sorocarps. D,  $\times 210$ . E,  $\times 80$ .

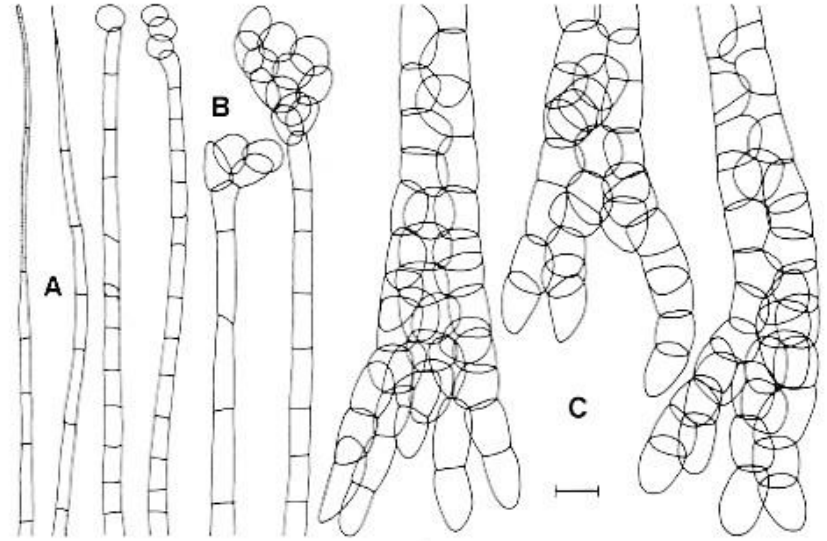
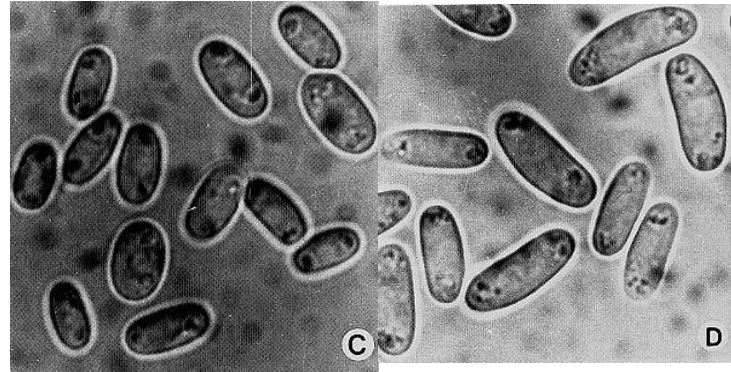


Fig. 61. *Dictyostelium rhizopodium*. A. Acuminate tips. B. Capitulate tips. C. Bases. Scale = 10  $\mu\text{m}$ .



Dは異常型



*D. lavandulum*

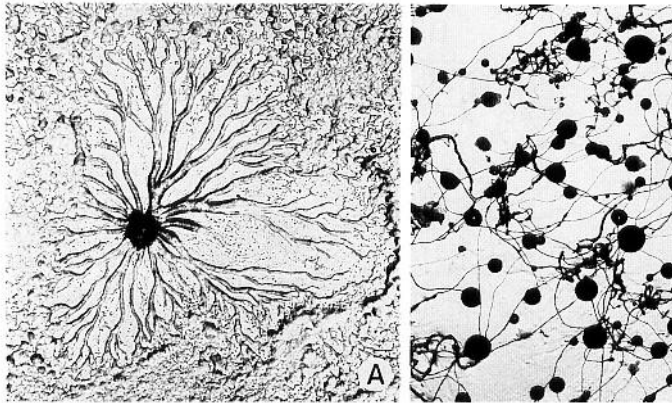
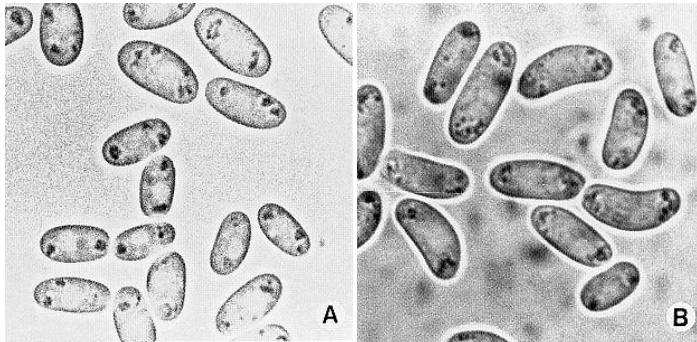


Fig. 42. *Dictyostelium lavandulum*. A. Pseudoplasmodium.  $\times 14$ . B.  $\times 5$ .



Bは異常型

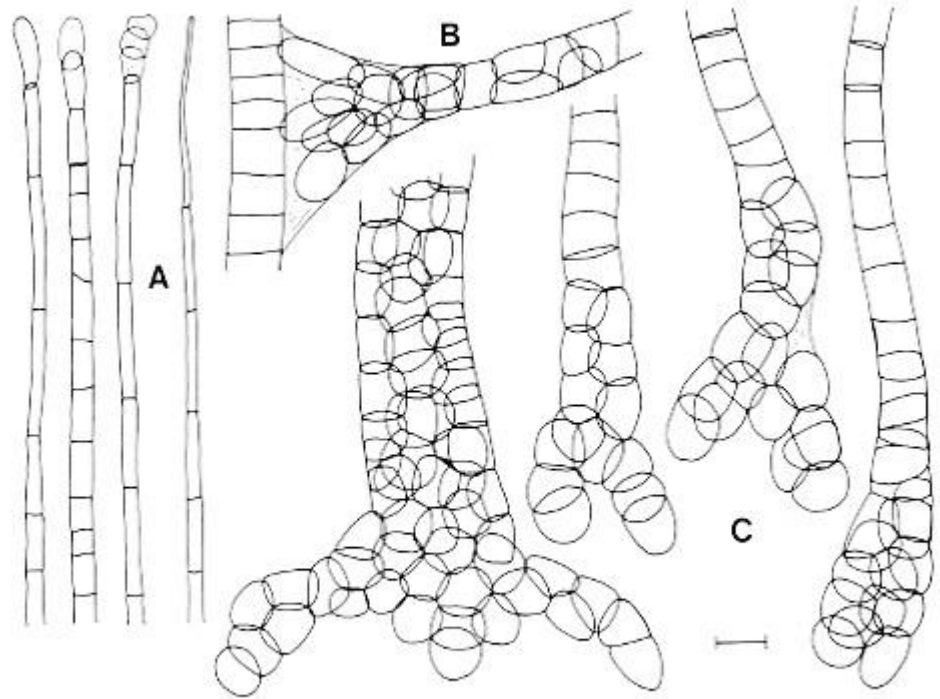


Fig. 43. *Dictyostelium lavandulum*. A. Tips. B. Branch with a digitate base. C. Bases. Scale—10  $\mu\text{m}$ .