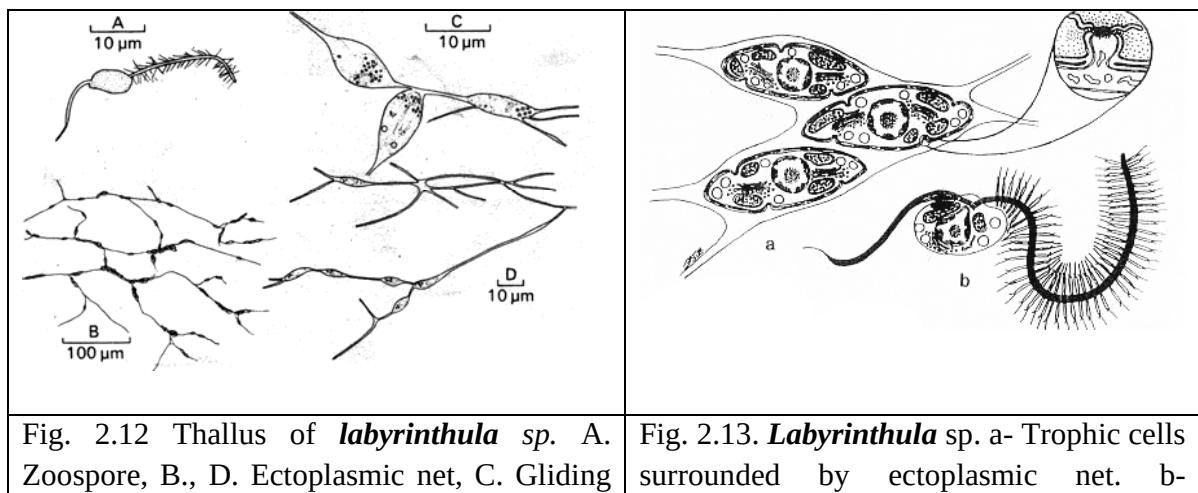
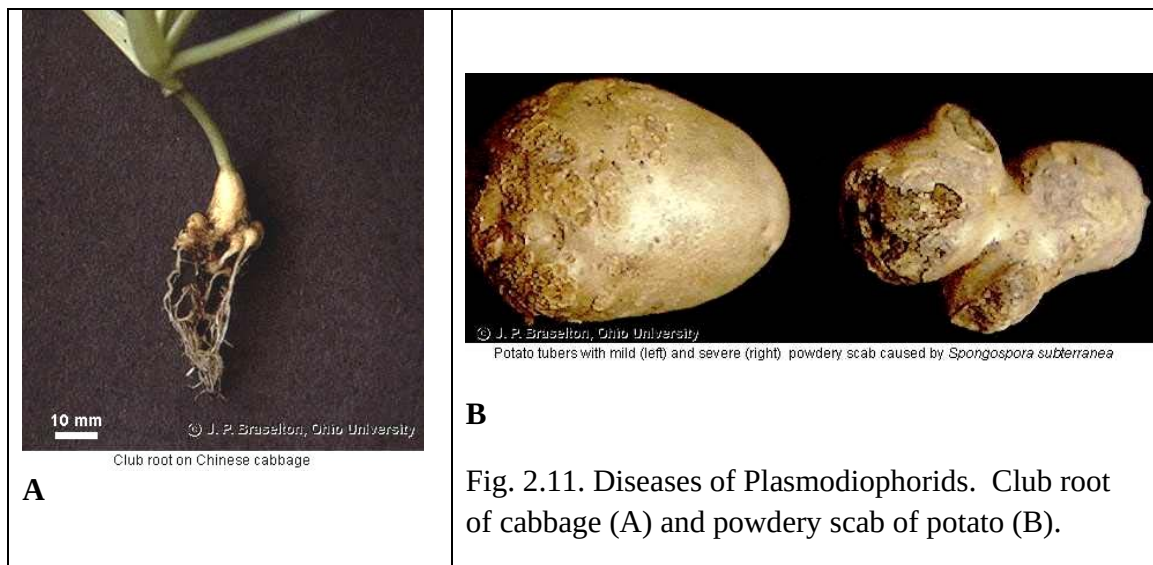
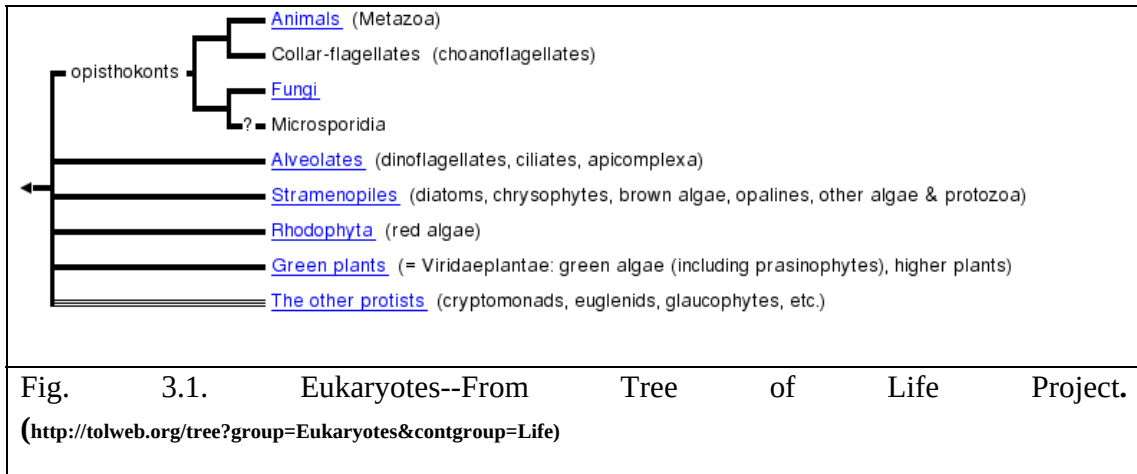




cells (Webster, 1980).	zoospores.
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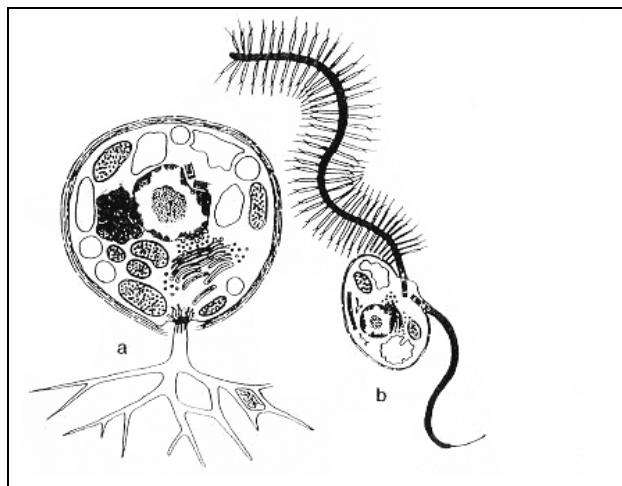


Fig.2.14. *Thraustochytrium* a. Thallus, wall composed of layered scales formed by golgi apparatus, b. Zoospores

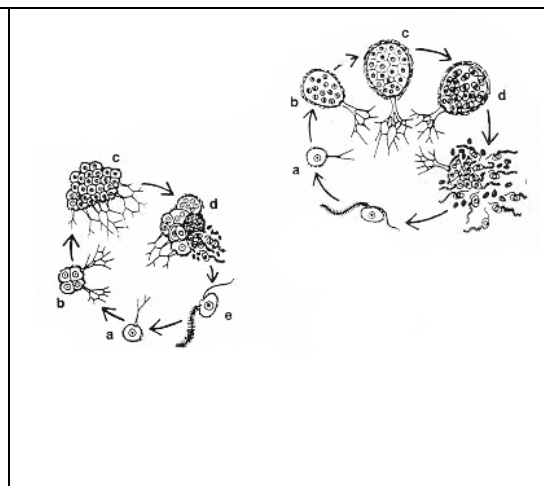
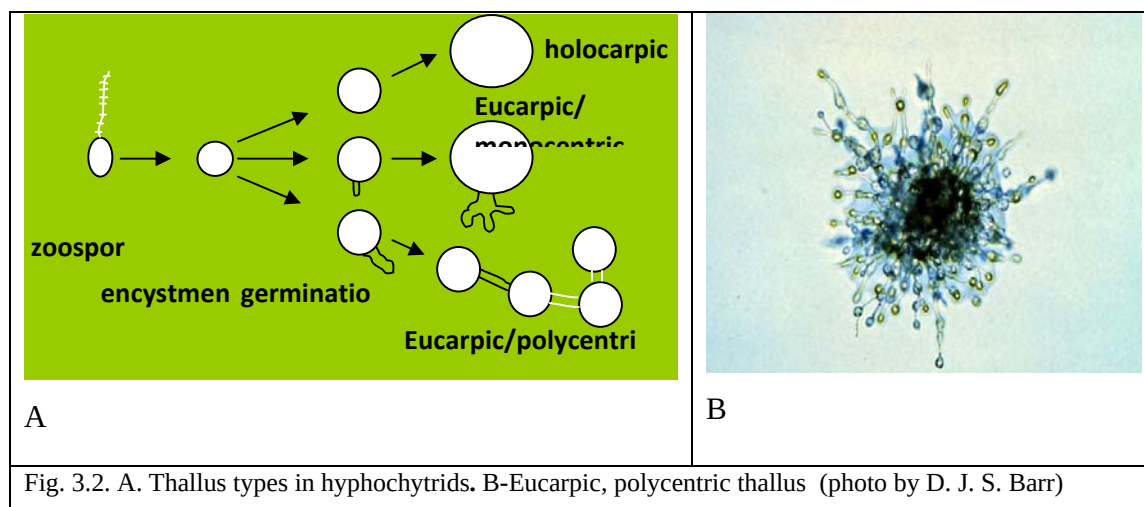


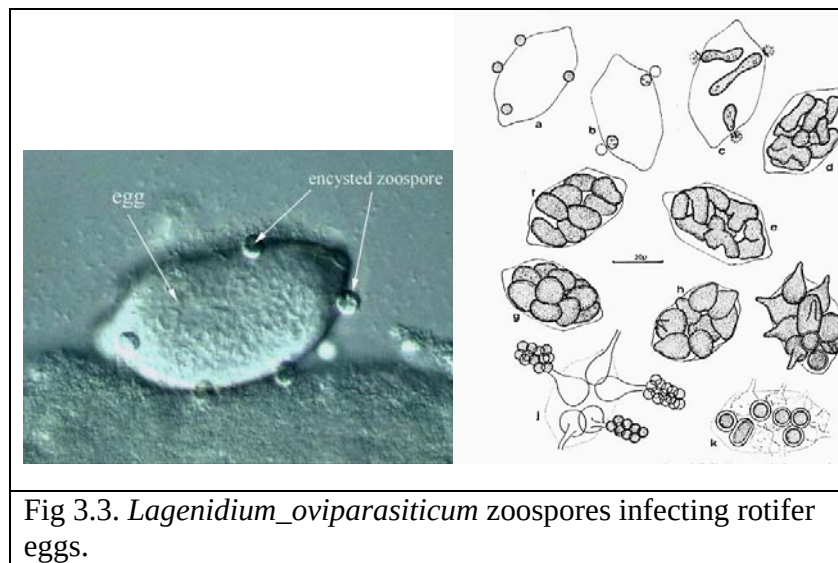
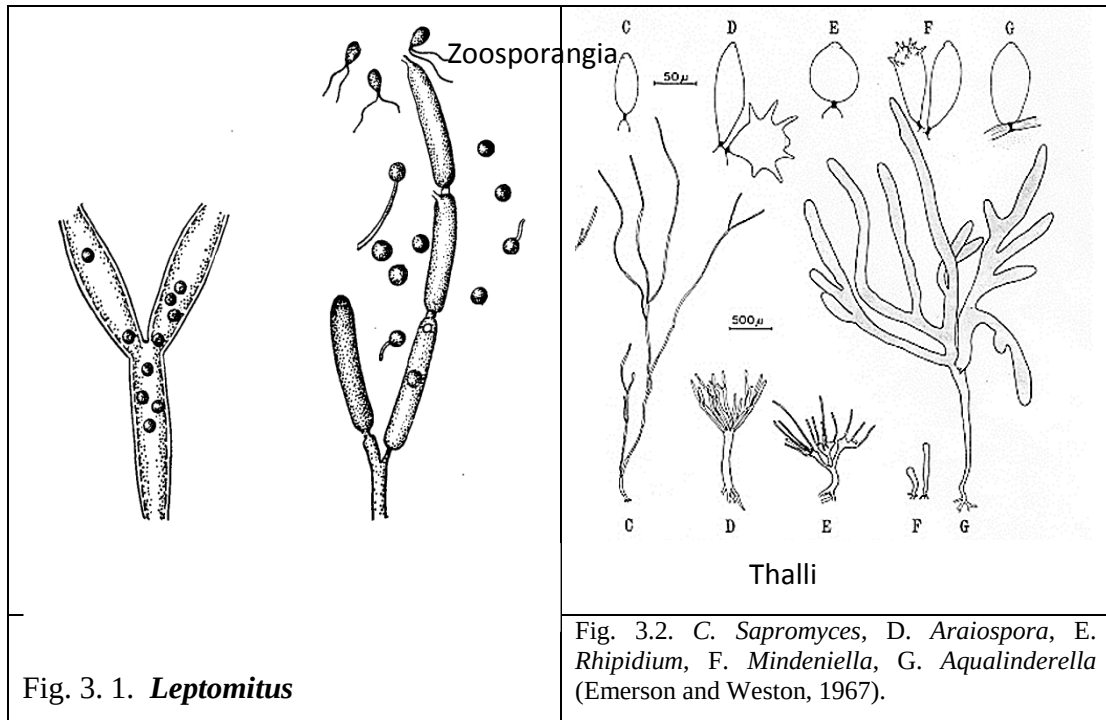
Fig. 2.15. Reproduction in *Thraustochytrium* (Top) and *Schizochytrium* (bottom).



A

B

Fig. 3.2. A. Thallus types in hyphochytrids. B-Eucarpic, polycentric thallus (photo by D. J. S. Barr)



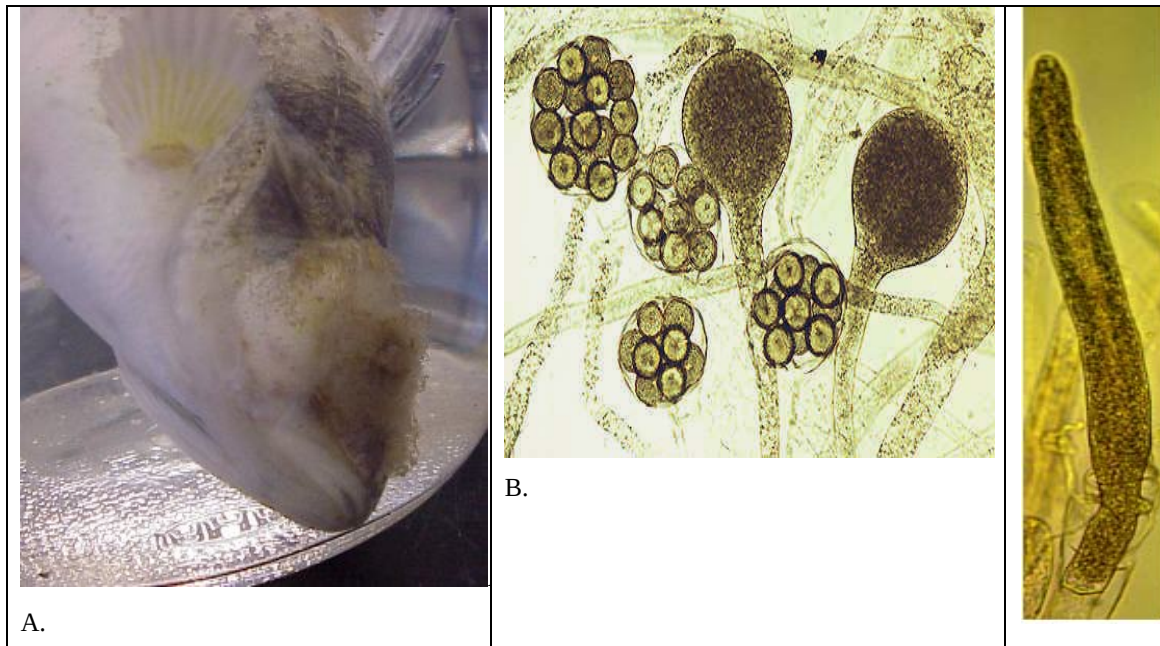


Fig. 3.4. *Saprolegnia*. A- parasitic on fish (Photo from Tom Volk's site), B-Oogonia (Photo from George Barron's website), C-Zoosporangium (C.<http://www.botany. Hawaii .edu/faculty/ wong/ Bot201/ Oomycota/ Oomycota.htm>)

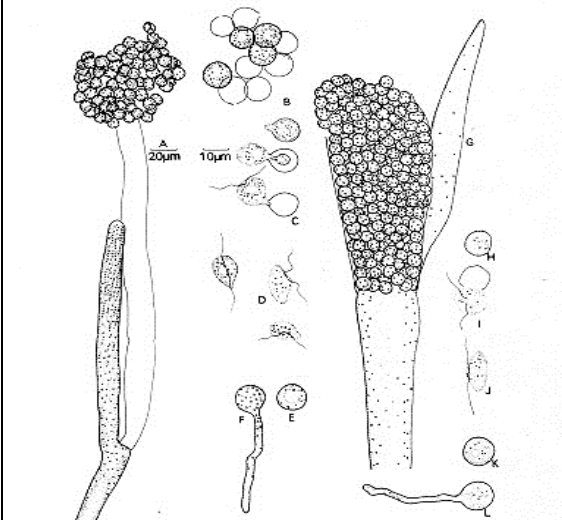


Fig. 3.5. *Achlya* sp. A. Uninucleate protoplasts encyst in ball at mouth of zoosporangium. C-L Secondary zoospores emerge from cysts and germination. G. Lateral proliferation of zoosporangium (from Webster, 1980).

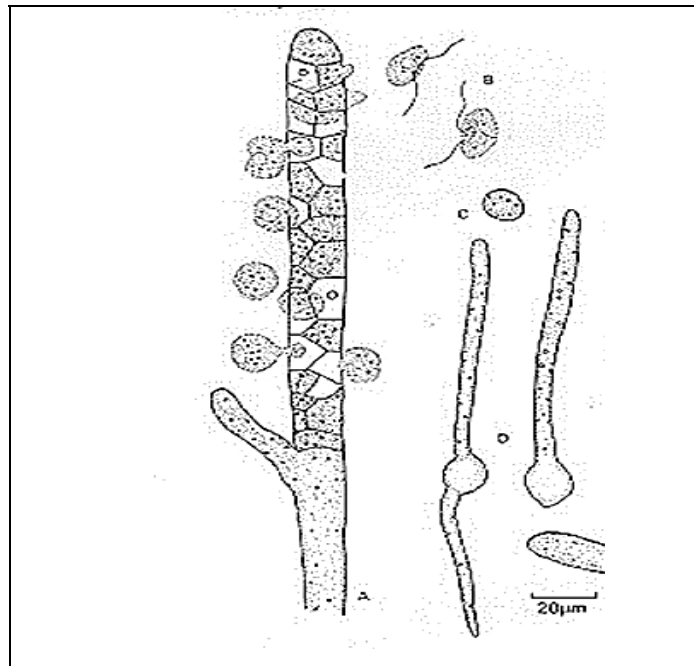


Fig. 3.6. *Dictyucus*. Primary cysts inside zoosporangium germinate to release secondary zoospores(from Webster, 1980)..

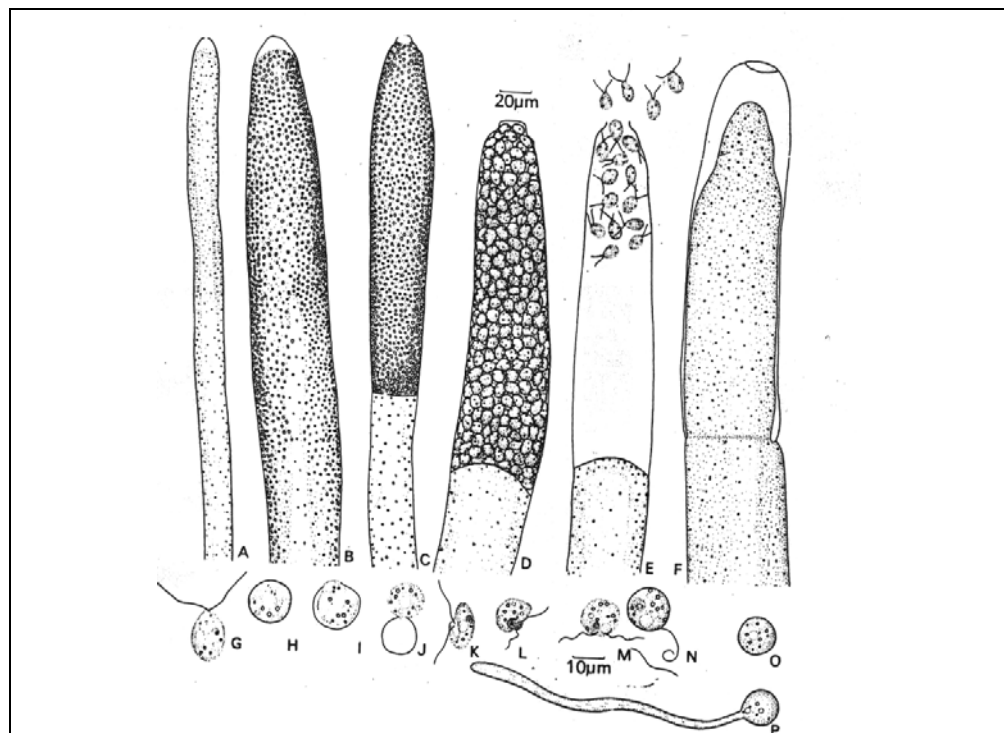
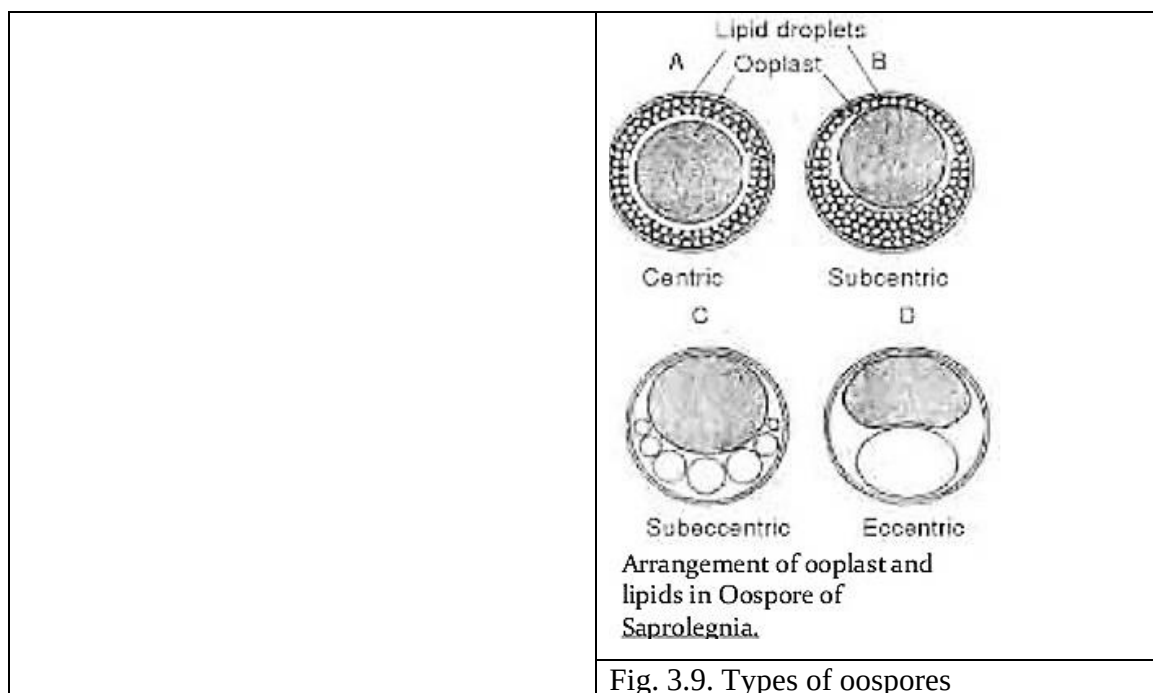
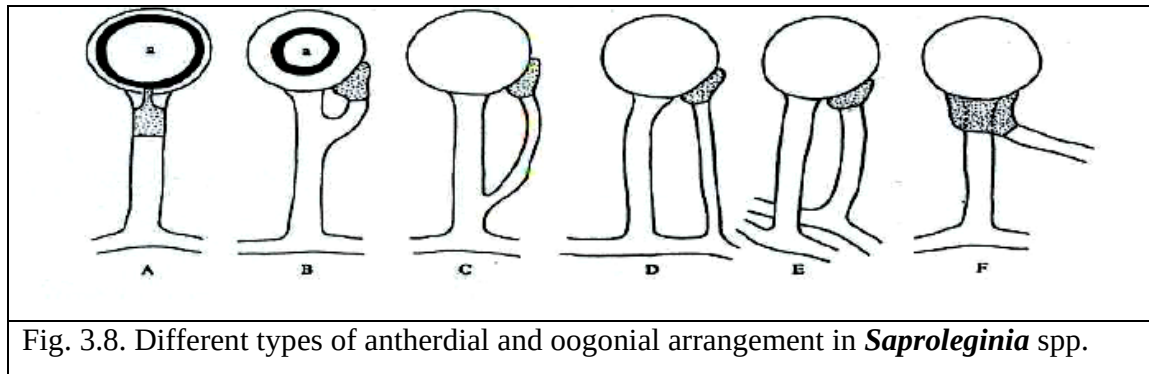


Fig. 3.7. *Saprolegnia*. A-F. Zoosporangial development and release of zoospores. F, Zoosporangial proliferation. G-P. Dimorphism and diplanetism (Webster, 1980).



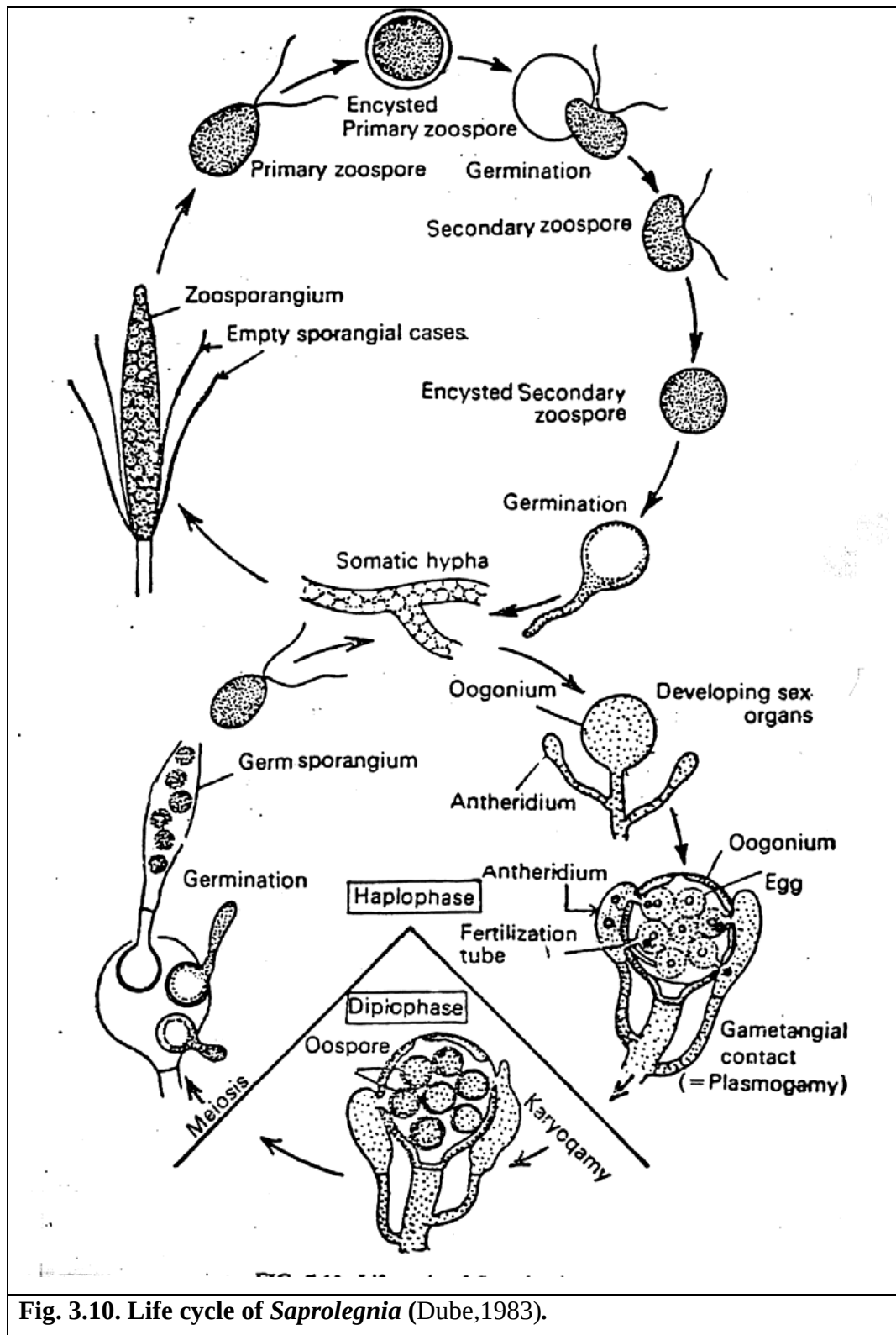


Fig. 3.10. Life cycle of *Saprolegnia* (Dube, 1983).

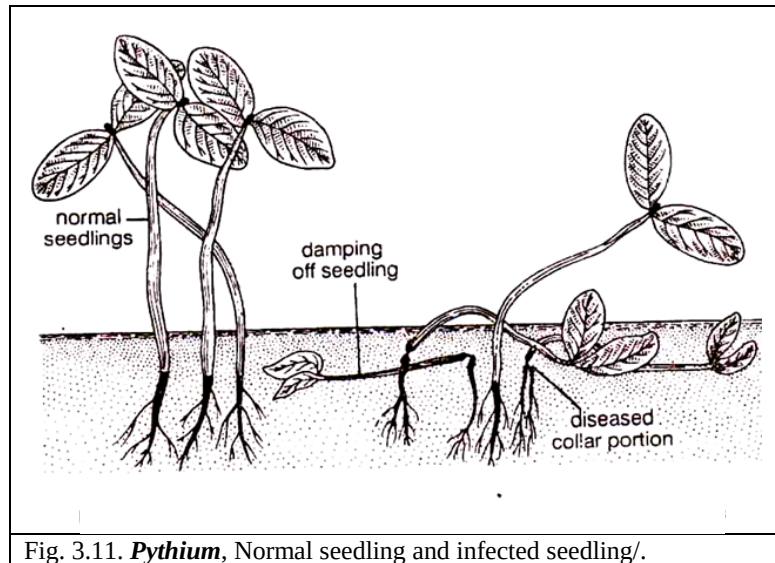


Fig. 3.11. *Pythium*, Normal seedling and infected seedling/.

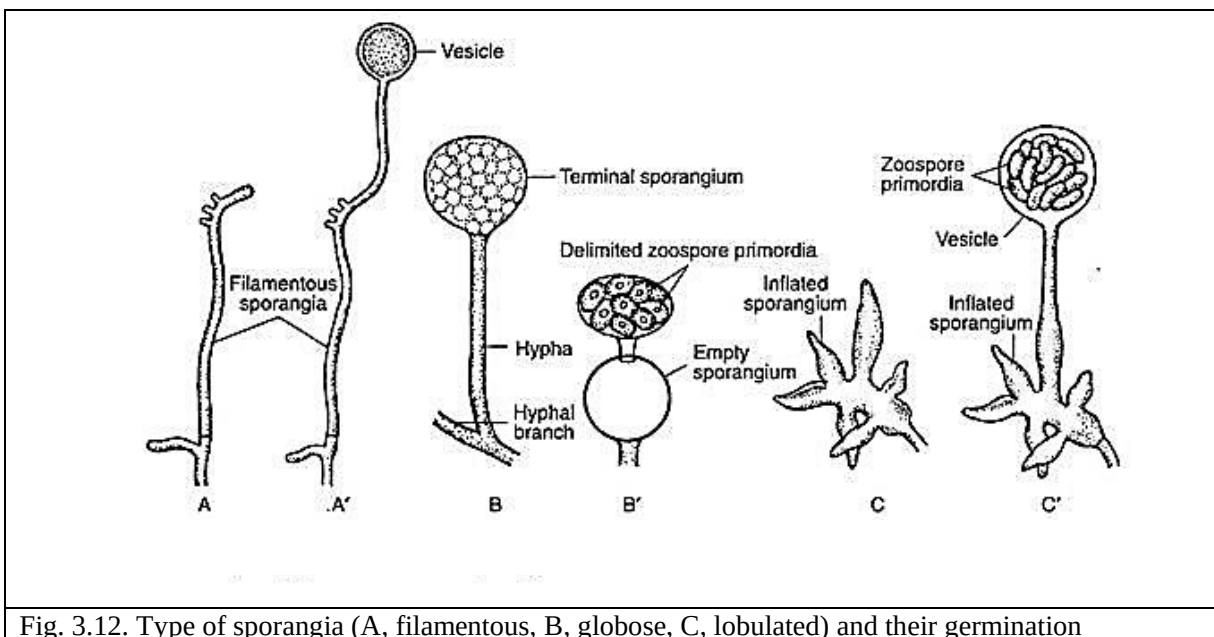


Fig. 3.12. Type of sporangia (A, filamentous, B, globose, C, lobulated) and their germination

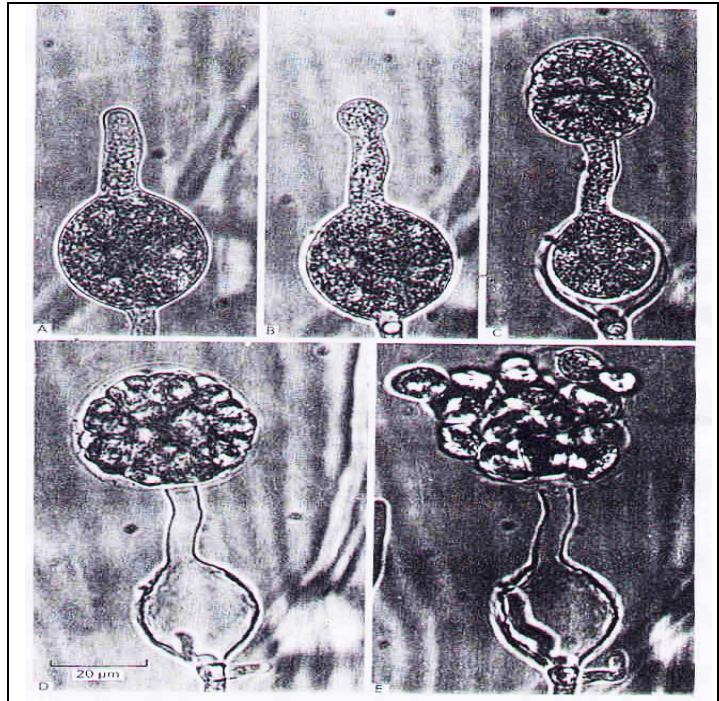


Fig. 3.13. Asexual reproduction in *Pythium*. I, II. Formation of hemolytic vesicles and release of zoospores (Webster, 1980).

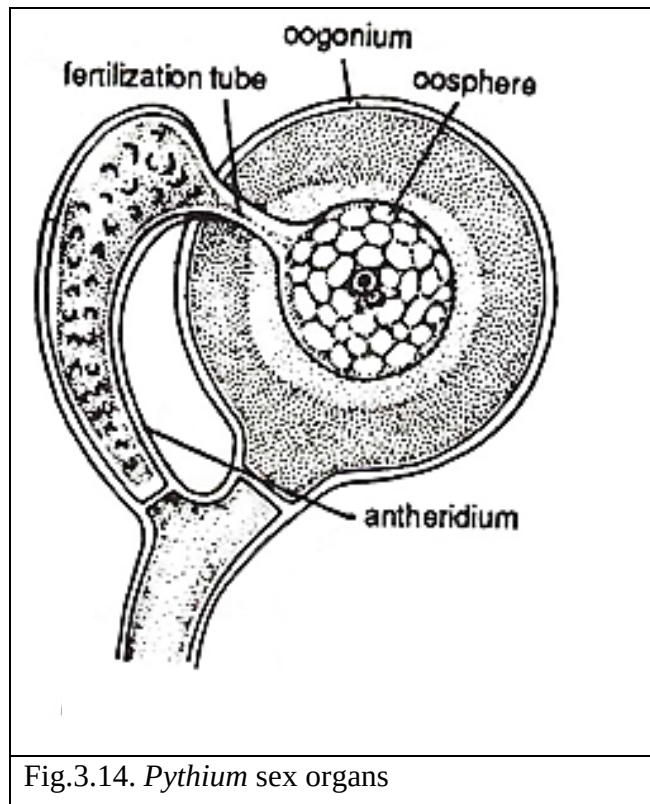


Fig.3.14. *Pythium* sex organs

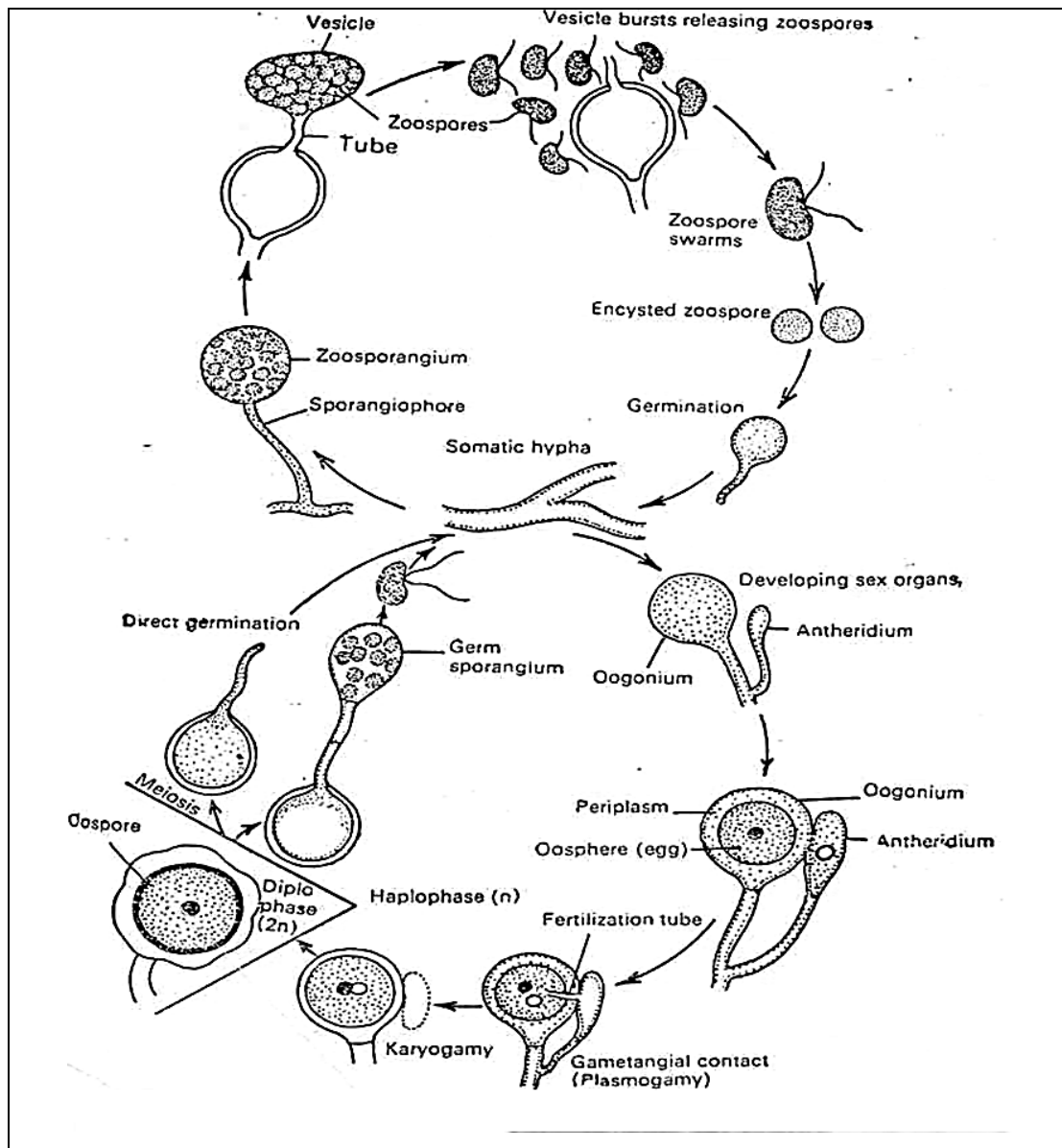


Fig. 3.15. Life cycle of *P. debaryanum*. (Dube, 1983)

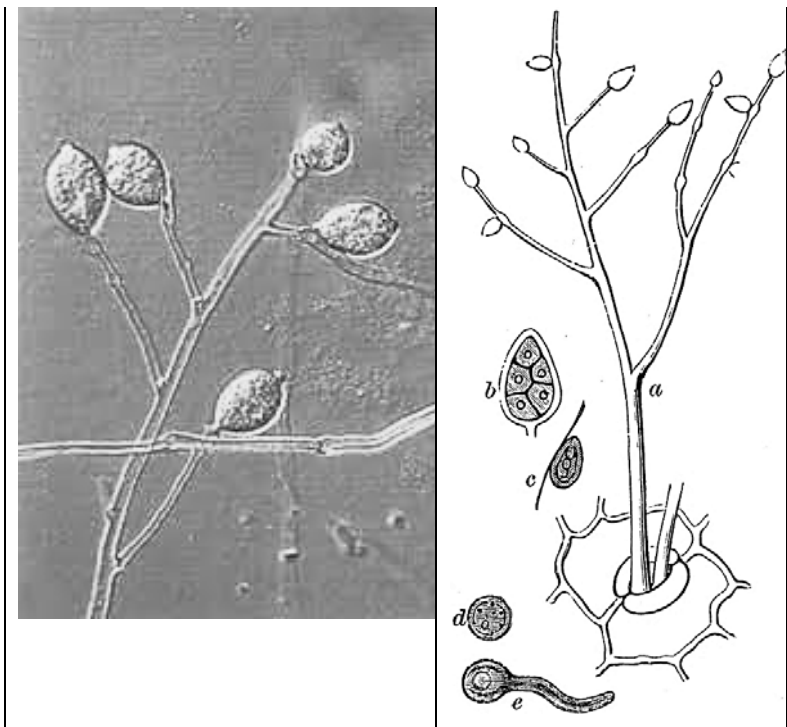


Fig. 3.16. *Phytophthora*. A. Sporangiphore and lemon-shaped zoosporangium. B. Zoospore release and encystment. C. Endophytic growth..

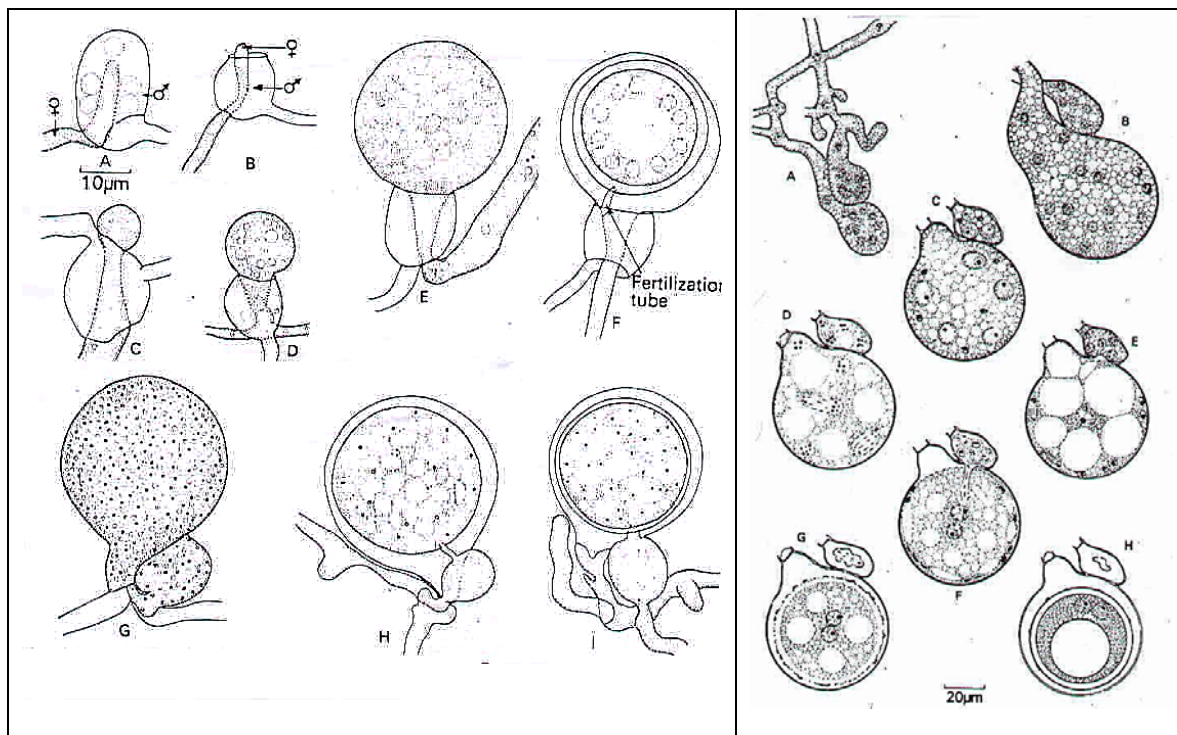


Fig. 3.17. Sexual reproduction of *Phytophthora* sp. A-F, *P. erthroseptica* G-I *P. castorum*(Webster, 1980).

Fig. 3.18. Sexual reproduction of *P. infestans*. (Webster, 1980).

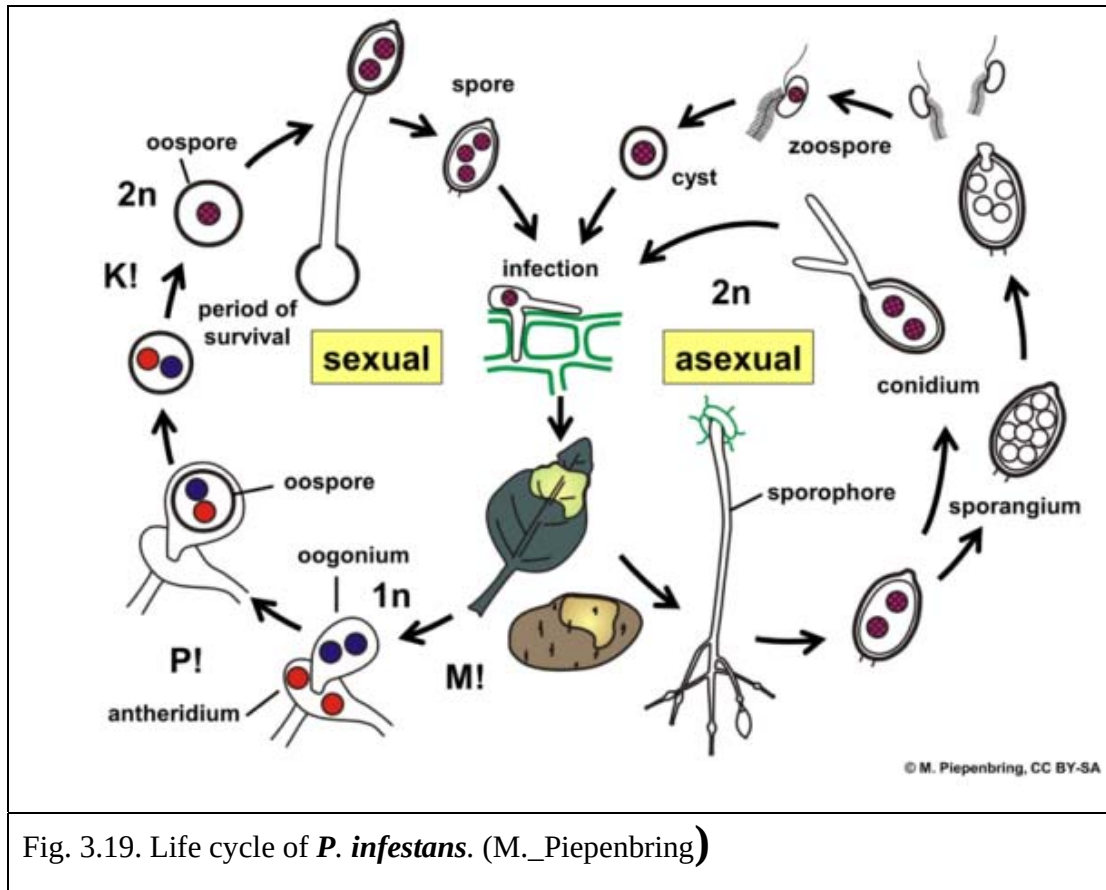


Fig. 3.19. Life cycle of *P. infestans*. (M._Piepenbring)

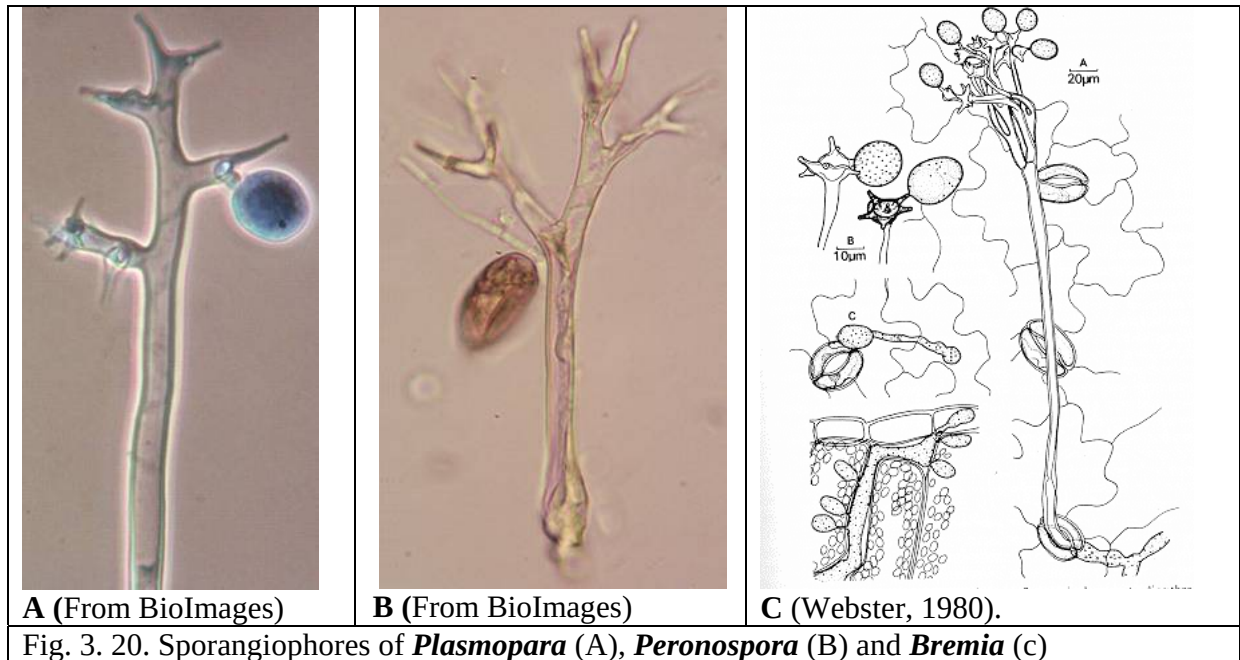


Fig. 3. 20. Sporangiohores of *Plasmopara* (A), *Peronospora* (B) and *Bremia* (c)

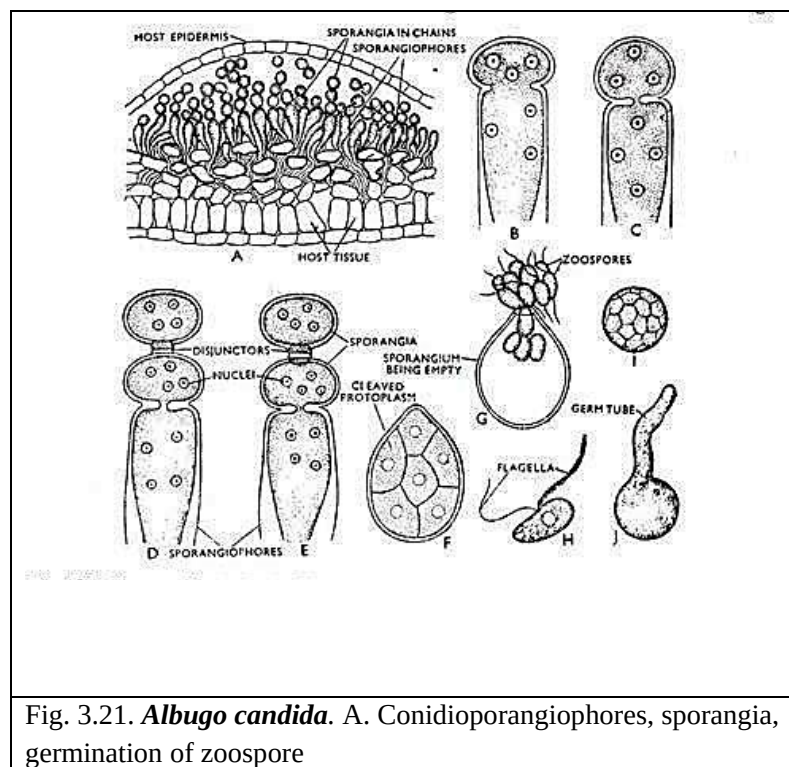


Fig. 3.21. *Albugo candida*. A. Conidioporangiohores, sporangia, germination of zoospore