

CHLAMYDOMONAS LIFE HISTORY.

CHLAMYDOMONAS CELL*

CELL WALL^A

PROTOPLAST*

CYTOPLASM^B

CHLOROPLAST^C

PYRENOID^D

STARCH GRAIN^E

EYE SPOT^F

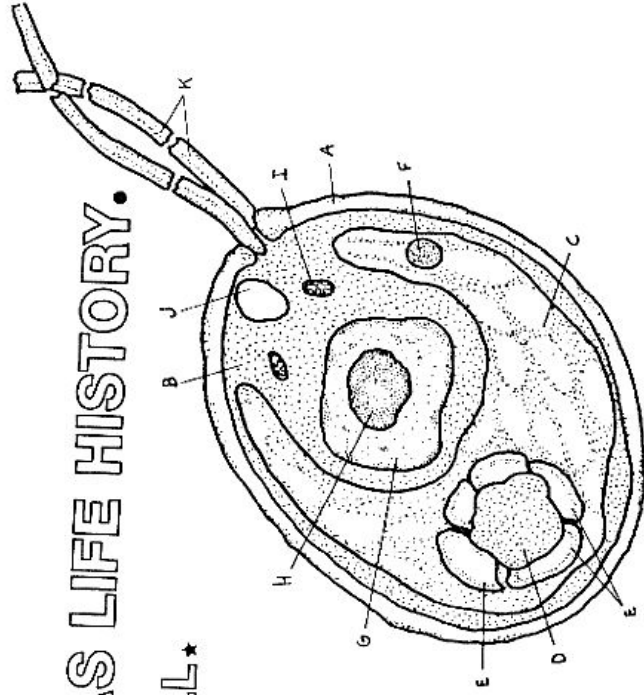
NUCLEUS^G

NUCLEOLUS^H

MITOCHONDRION^I

CONTRACTILE VACUOLE^J

FLAGELLUM^K

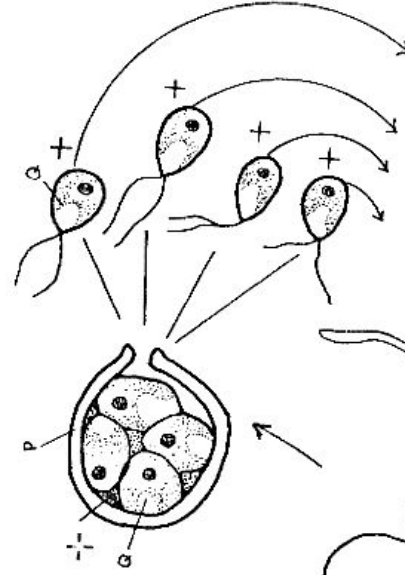


ASEXUAL

REPRODUCTION*

MITOSPORANGIUM^P

ASEXUAL ZOOSPORE⁺



SEXUAL

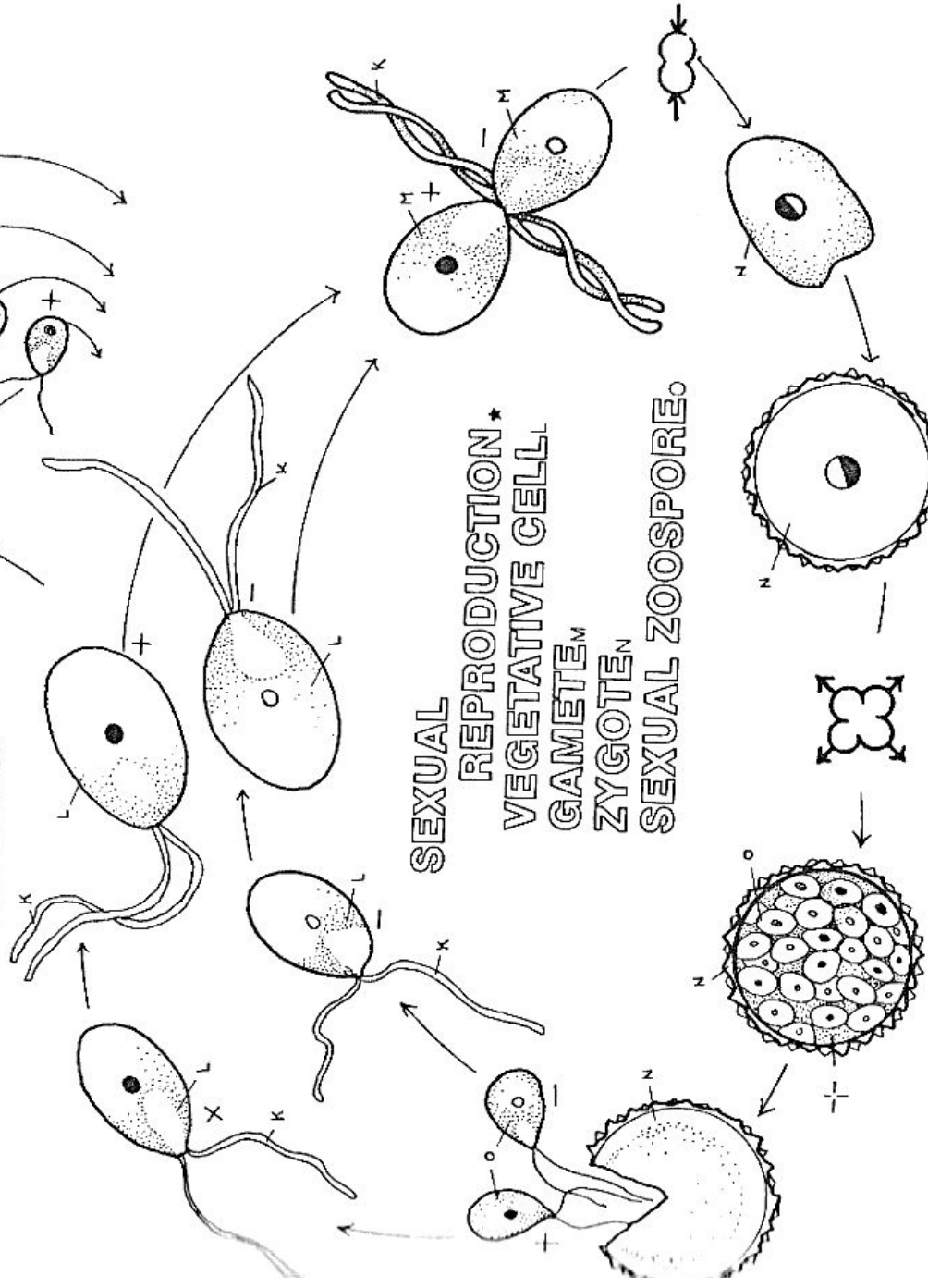
REPRODUCTION*

VEGETATIVE CELL^L

GAMETE^M

ZYGOTE^N

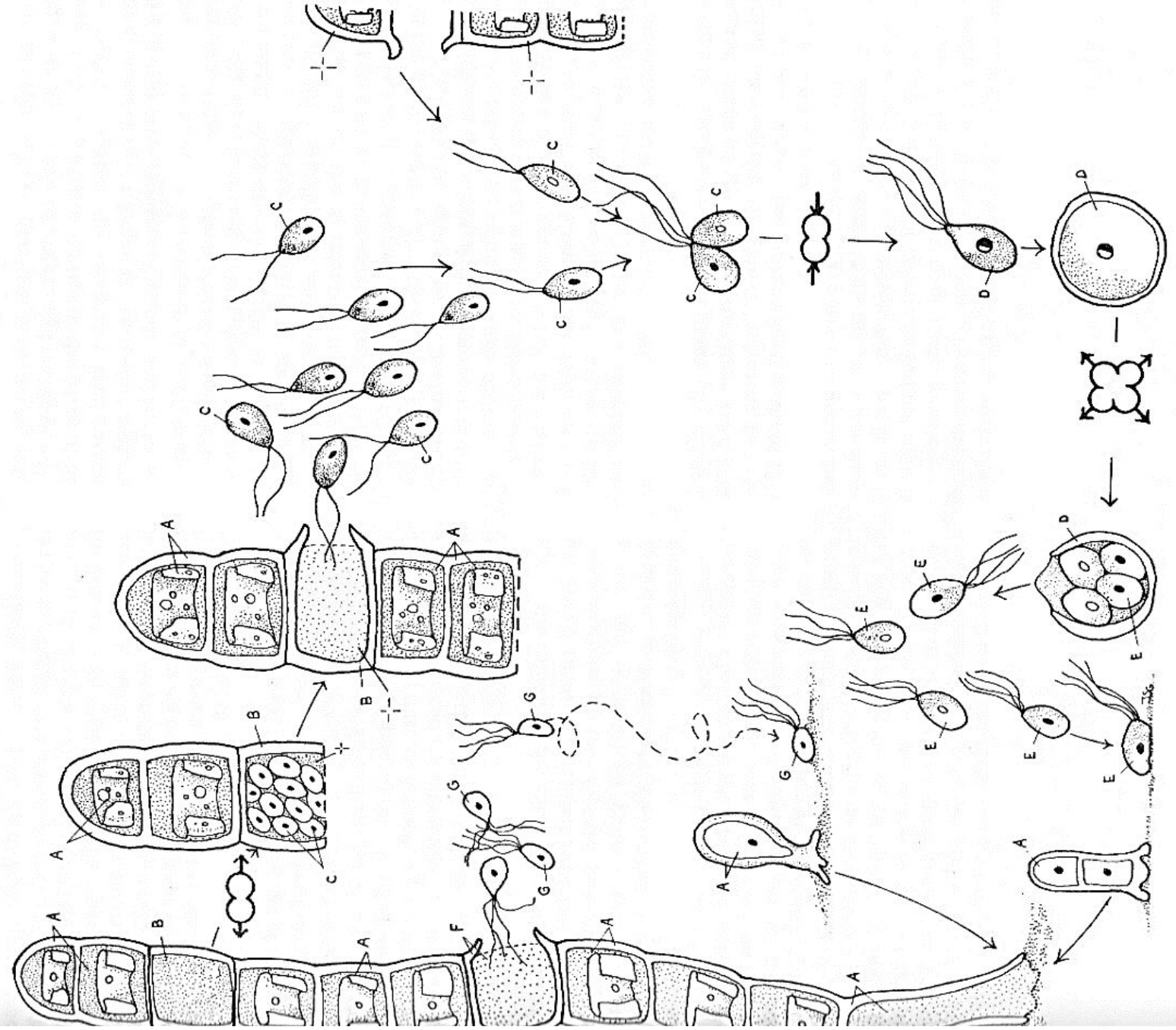
SEXUAL ZOOSPORE⁺



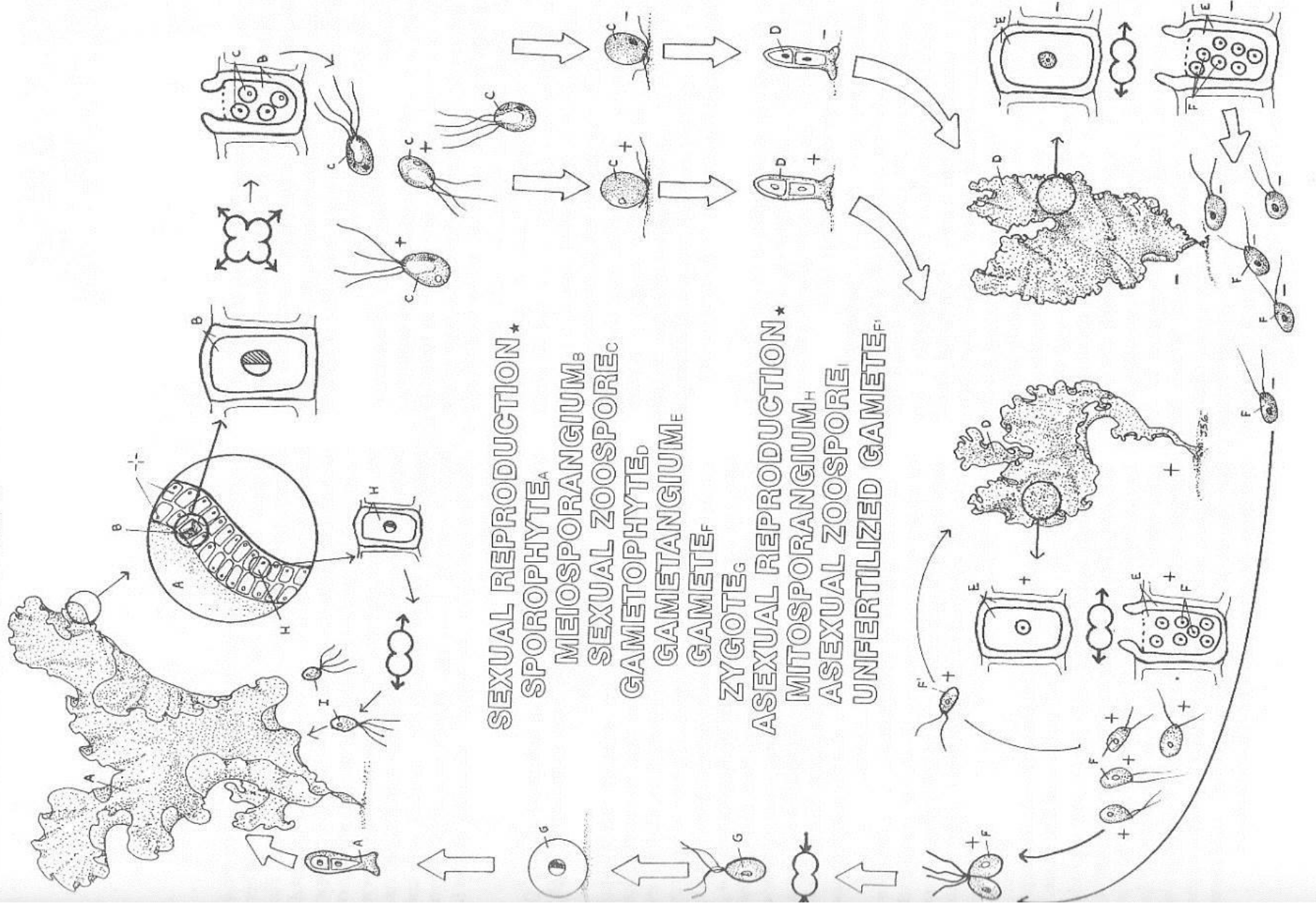
ULOTHRIX LIFE HISTORY.

SEXUAL REPRODUCTION*
 GAMETOPHYTE^A
 GAMETANGIUM^B
 GAMETE^C
 ZYGOTE/ZYGOSPORE^D
 SEXUAL ZOOSPORE^E

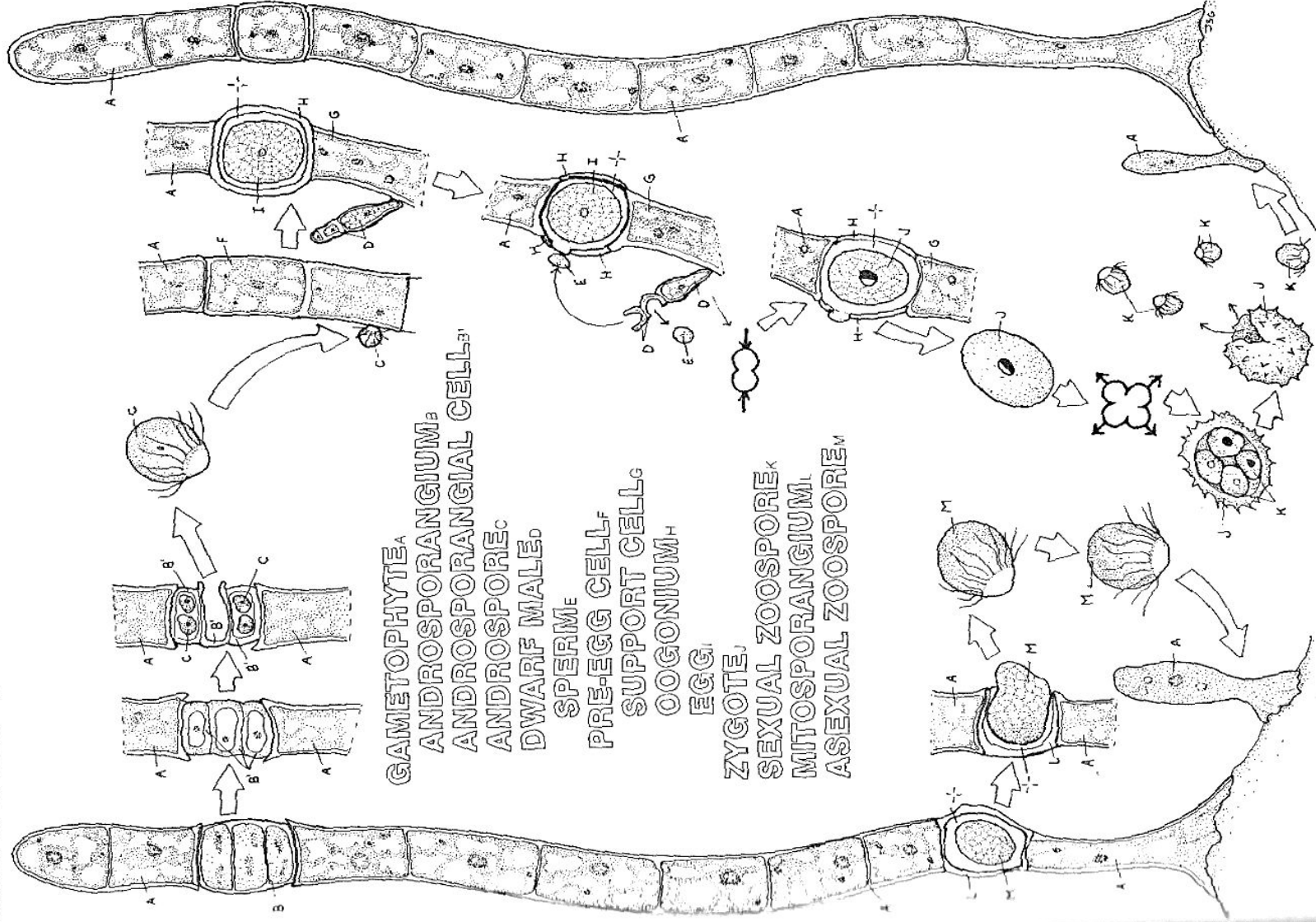
ASEXUAL REPRODUCTION*
 MITOSPORANGIUM^F
 ASEXUAL ZOOSPORE^G



ULVA LIFE HISTORY.



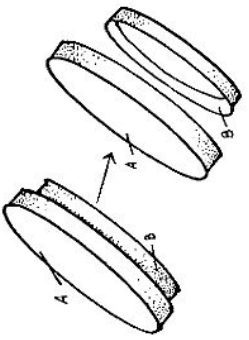
OEDOGONIUM LIFE HISTORY.



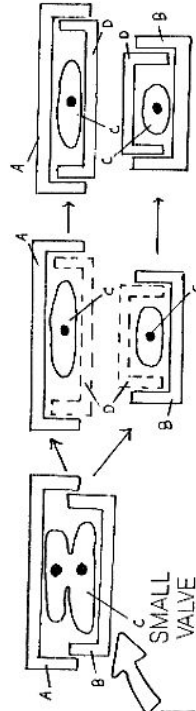
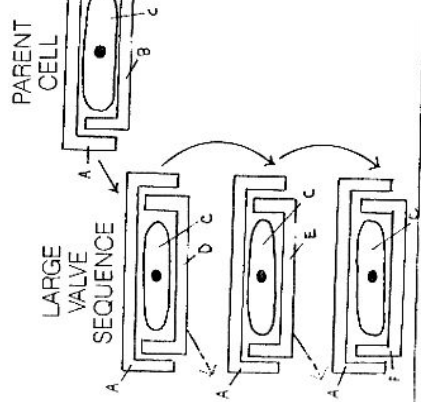
GOLDEN-BROWN ALGAE INTRODUCTION.

DIATOMS*
 PARENT VALVES*
 LARGE^A
 NEW^{A'}
 SMALL^B
 NEW^{B'}
 PROTOPLAST^C

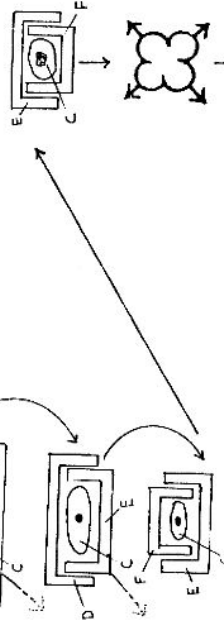
PROGENY VALVES*
 1st GENERATION^D
 2nd GENERATION^E
 3rd GENERATION^F
 GAMETE^G
 ZYGOTE^H



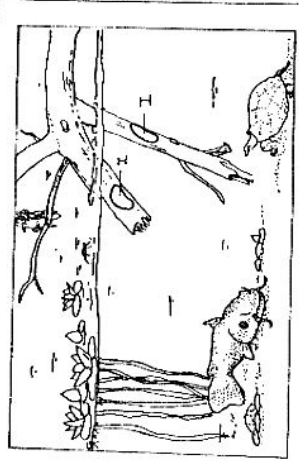
ASEXUAL REPRODUCTION*



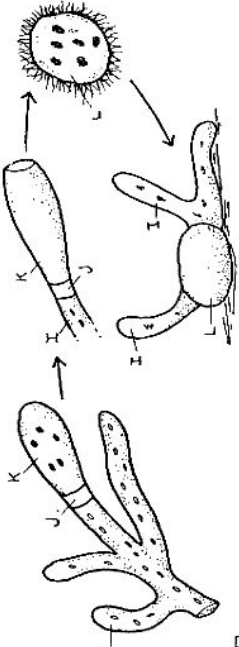
SEXUAL REPRODUCTION*



YELLOW-GREEN ALGAE*
 FLAMENT,
 SEPTUM,
 SPORANGIUM^K
 ZOOSPORE^L



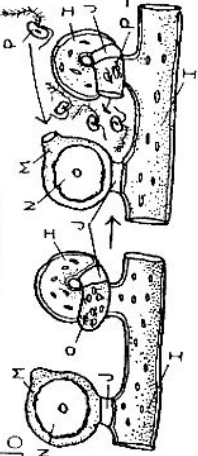
ASEXUAL REPRODUCTION



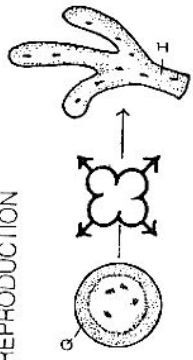
COGONIUM^M
 EGG^N

VAUCHERIA

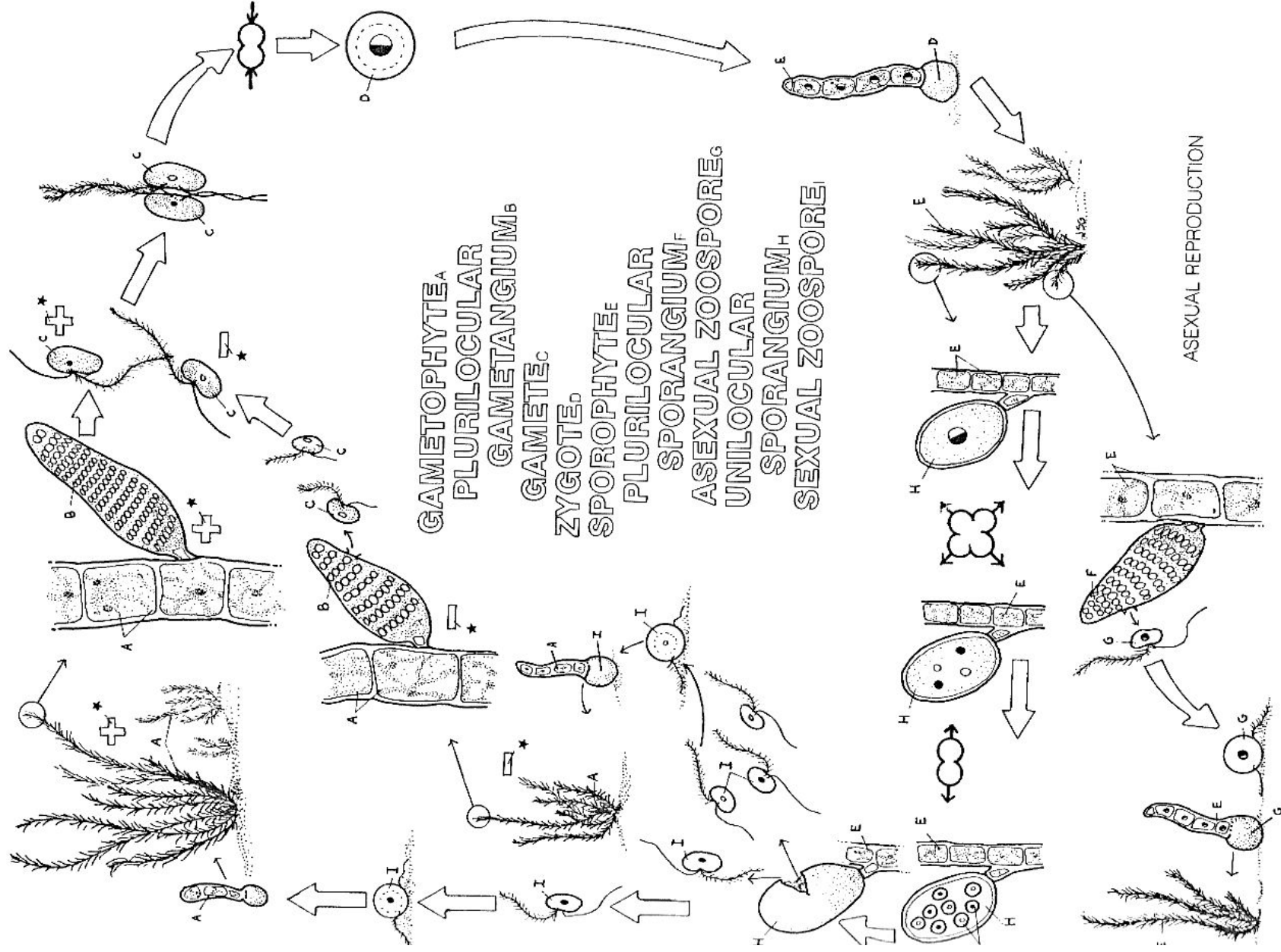
ANTHERIDIUM^O
 SPERM^P
 ZYGOTE^Q



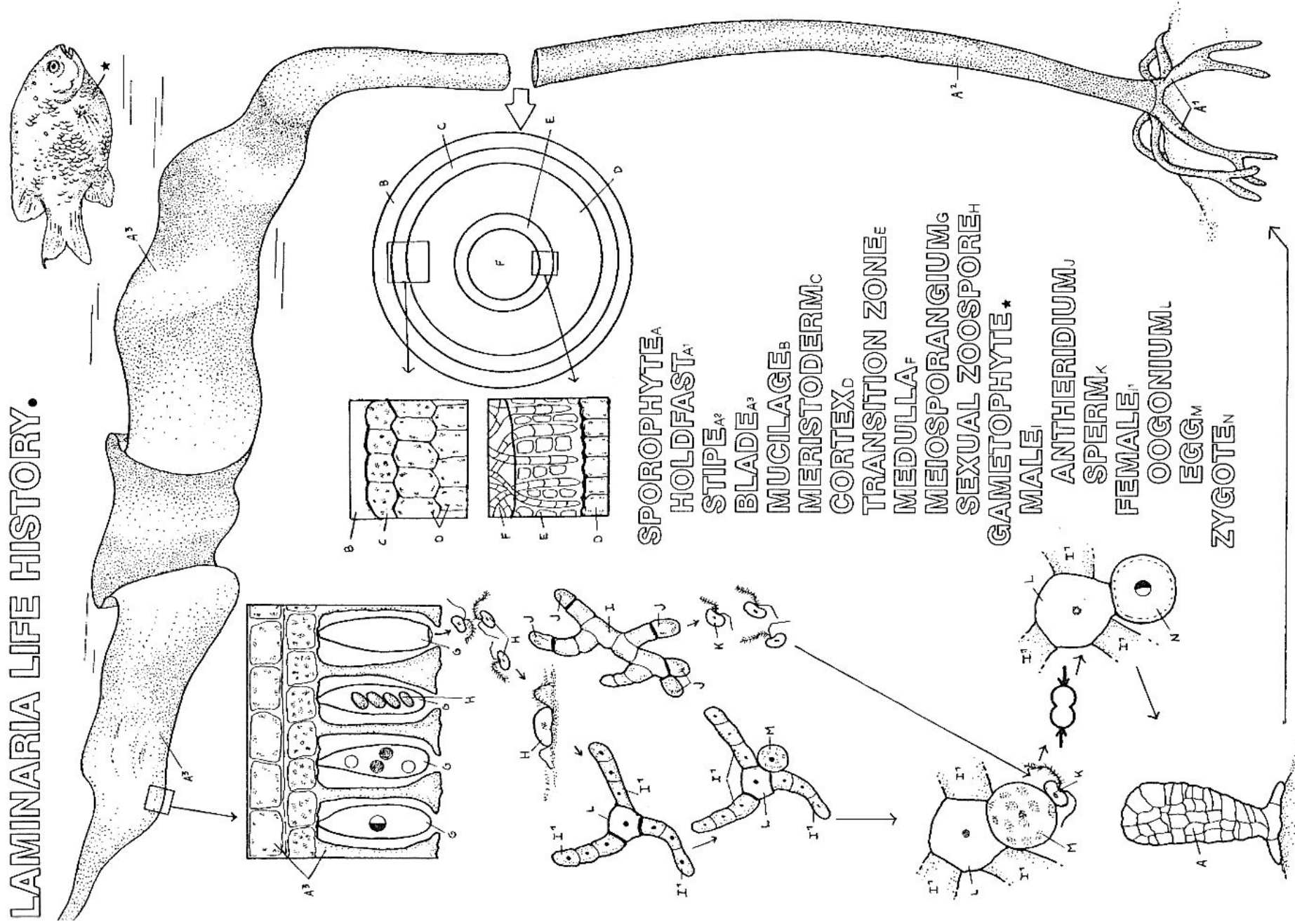
SEXUAL REPRODUCTION



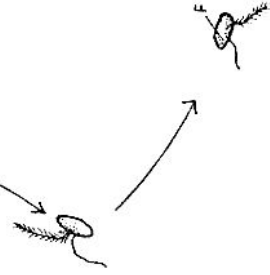
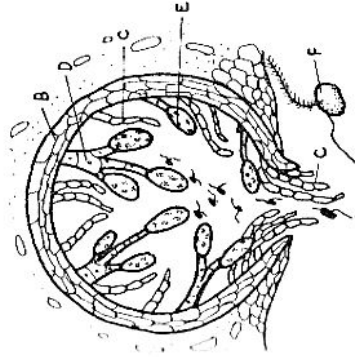
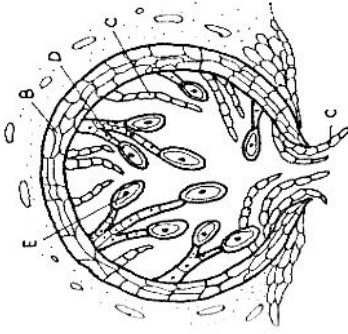
ECTOCARPUS LIFE HISTORY.



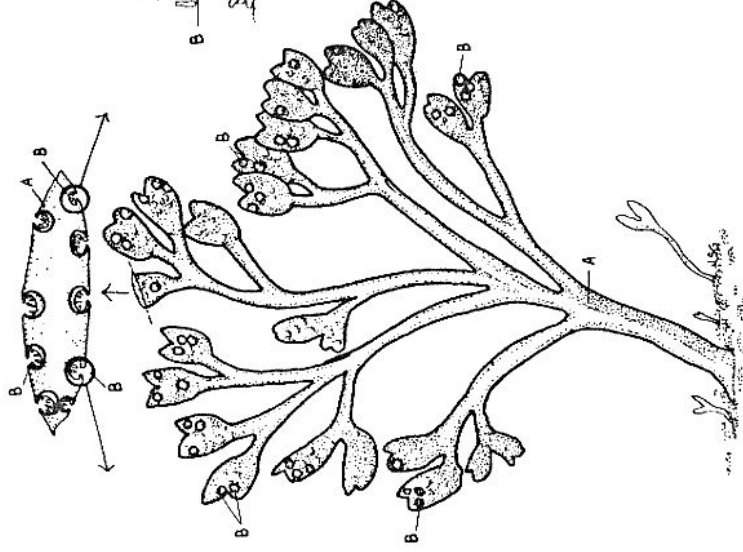
LAMINARIA LIFE HISTORY.



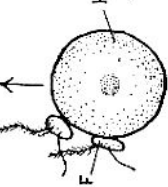
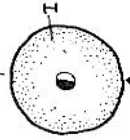
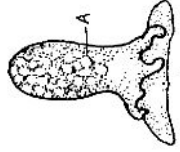
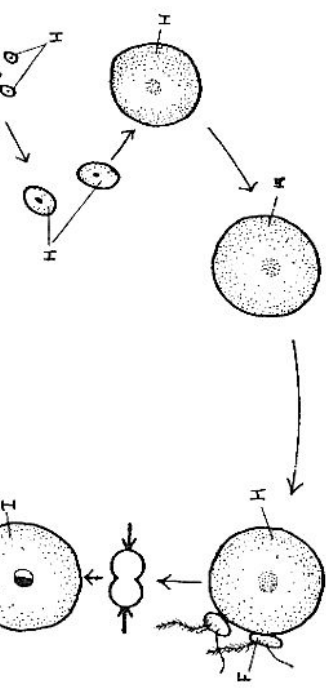
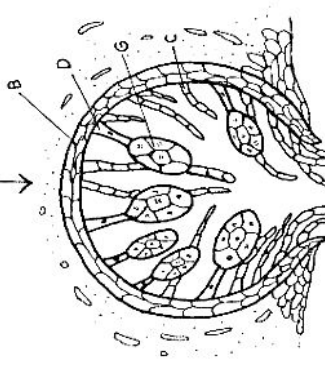
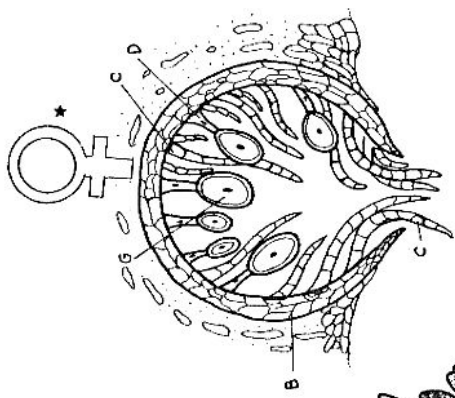
**FUCUS
LIFE
HISTORY.**



SPOROPHYTE^A
CONCEPTACLE^B
PARAPHYSES^C
FERTILE FILAMENT^D
**GAMETANGIUM^E*
ANTHERIDIUM^F
SPERM^G**

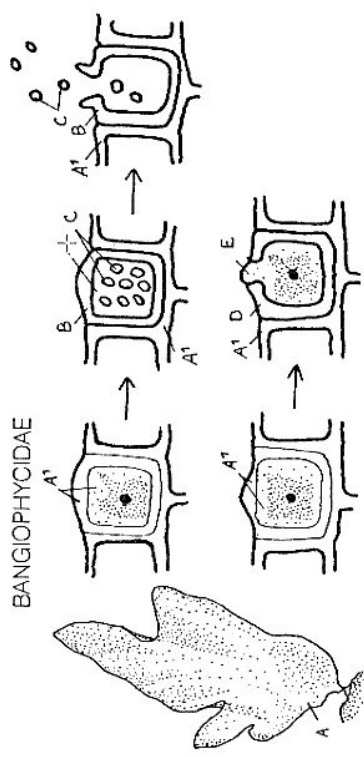


OOGONIUM^G
EGG^H
ZYGOTE

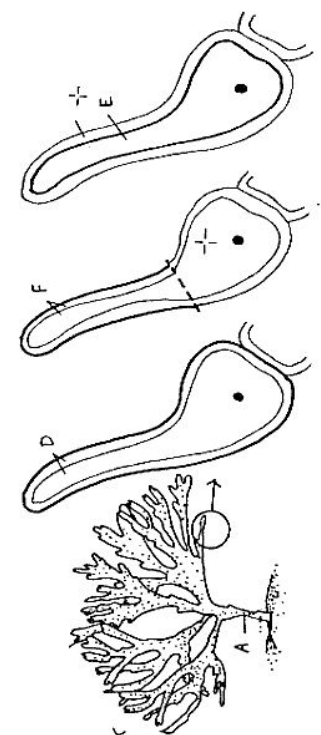
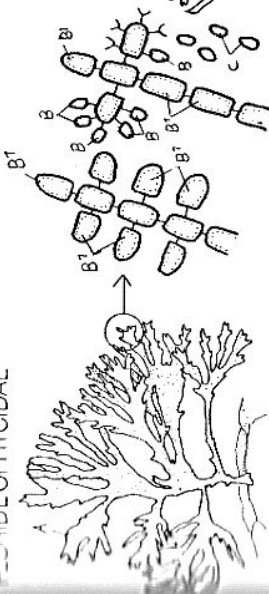


RED ALGAE INTRODUCTION.

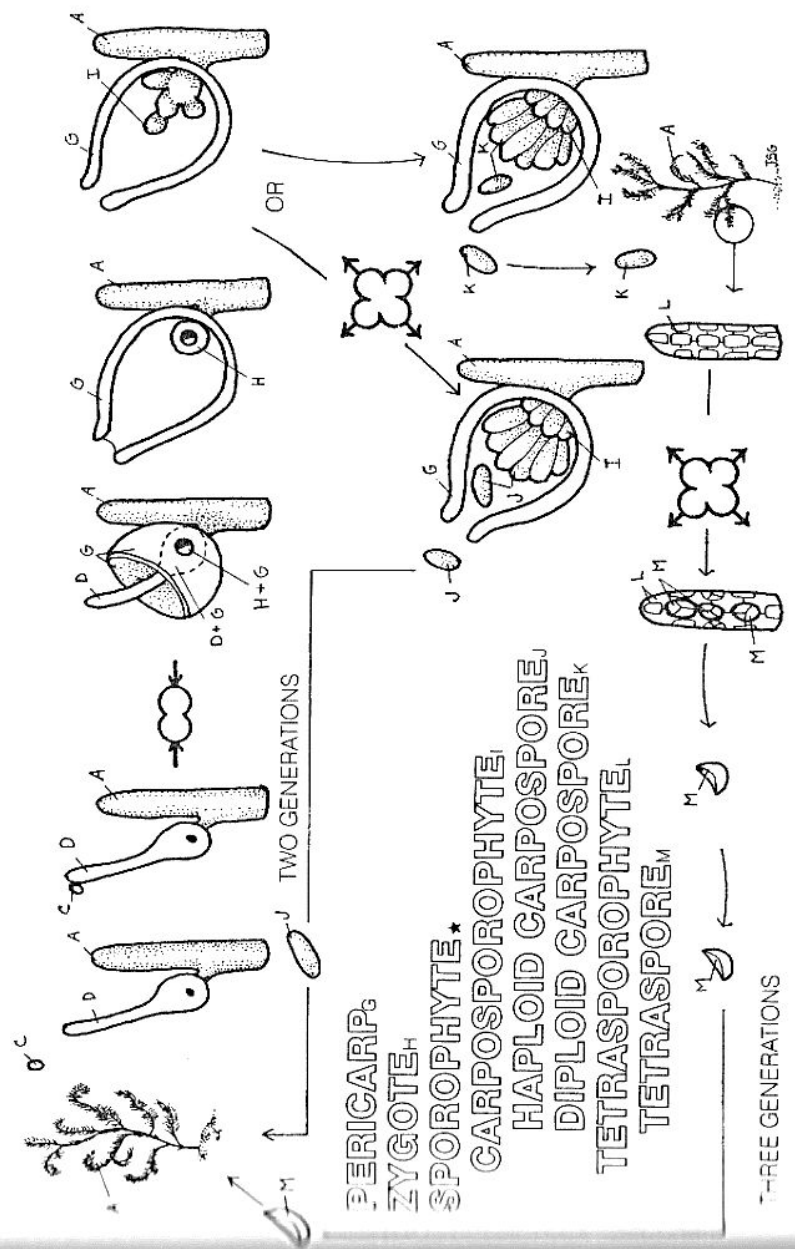
- GAMETOPHYTE_A
- VEGETATIVE CELL_{A'}
- GAMETANGIA^{*}
- SPERMATANGIUM_B
- SPERMATANGIAL BRANCH_{B'}
- SPERMATIUM_C
- CARPOGONIUM_D
- EGG_E
- TRICHOGYNE_F



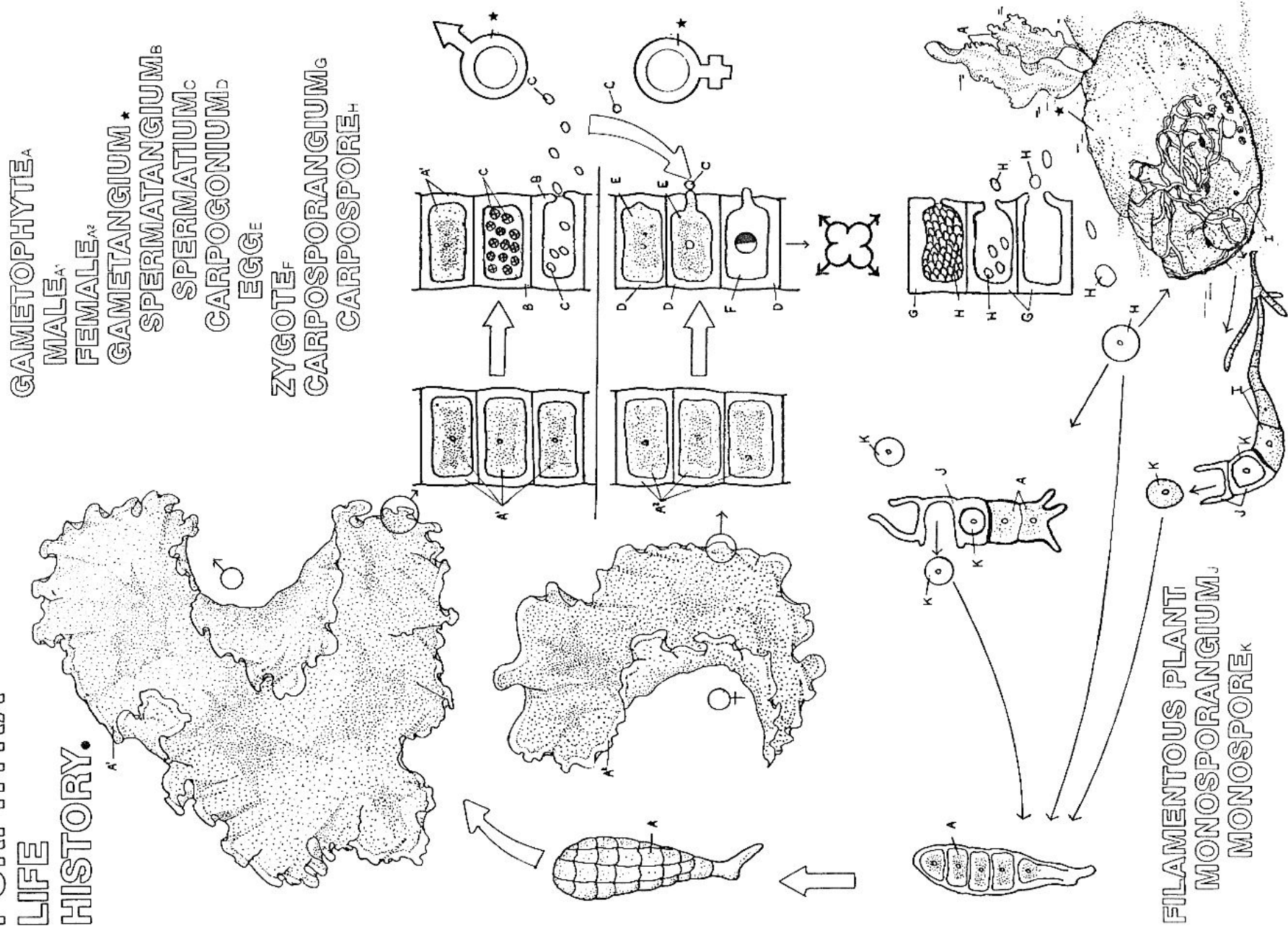
FUCHIODEPHYCIDAE



GENERATIONS^{*}



**PORPHYRA
LIFE
HISTORY.**



POLYSIPHONIA

LIFE

HISTORY.



GAMETOPHYTE*

MALE^A

SPERMATANGIAL CLUSTER^B

FEMALE^{A'}

SUPPORT CELL^C

CARPOGONIAL CELL^D

CARPOGONIUM^{D'}

PERICARPE^E

AUXILIARY CELL^F

GONIMOBLAST INITIAL^G

CARPOSPOROPHYTE^H

TETRASPOROPHYTE^I

