- Some of all aprecion are
mixotrophs

- It deriving nome of the
nutrients from- endonymbiontic algae
Cohlorella), which is found to be
Carried in the cytoplanm of the cell.

Domoregulation - 96's carried out bycontractile vaccale

- 9t expel water from
the cell to compensate the fluid
abnorbed by ormania from at

Autrounding.

Contractile vacade - varies in Number from one to many, depending on the type of the uponics

Reproduction

(1) A nexual - by Binary fission

- Macronadeus uplits by a

type of amitoria

- Micronadeic undergo mitoria

(21 Fission - Occus

Before studying Protugue - une have to study his it's systematic Positions - like -

Phylum - Protogoa.

Sub Phylur - Sariomastigophora

Class - Rhizopoda

Order - Amoe bida

Genus - Amorba

Species - Proteus

Dra: _ xerox

Distribution - According to the modern at may
ob Inverte brate classification, it's found
that protogoan is found in all over the
world, at and exist at different climatic landition.

Mabit and Mabitat.

J dentifying Characters Amoeba Proteus is found to be

very widely Omniprenent in dintribution. Te.

it's prenence in han been reported in all over the
different part of the world. Inside the fresh water

pouds, springs, Laker Pools, and even the Alow

running streams, it's found on the bottom must or under

side of aquatic Vege Inton or on the bottom of the

mud. According to the findings of research

It is surely found in free water as because it

(3

freedoposies buly feature,

PARAMECIUM

Die: Xenx .

The classifying feature of there

Sub Phyllum - ciliophora elass - ciliota

Sub class - Euciliata
Halatrich

order - Holotricha

Suborder - Trichontomata

Family - Paramecidae

Genus - Parame cium.

Distribution - gets distributed in all different parts of the world

Habit and Habitat _ Found in fresh 2021/6/7 12:02

recipieres a substratum to glide on from I dentifying Characters -(1) Shape - Grregular (21 Predopodía - Simple or branched Size- 250 to 600 micron in diameter (31 (ytoplann - defferentiated into endo plann [lobo podicing Prendopodia -3.1. Ectoplasm - Contains - Ectoplasmic Hidges 3.1. Endoplasm - Contains - Nadeus, Fired varioules, contractile variouses, water globules and crystals (4) Planma lemma - It's a thin, delicate, with permeable nature - covers the entire body of the (5) Natrition - 2t's notogoic (4 Repuduction - no the Two ways (11 By Binary fisian & By Multiple fission Special I dentifying features (1) In Amoeba, a Unique Phylogenetic features has been reported lar Nulline of Patrogeneri 2021/66/17 12:02

- This animal is also been known a an citate, as he cause of cilia found through out its body. 9 dentifying features -Shape - Elongater, eigar - shaped or spirale shaped Body Cover wite - Pellide hexagonal depression trickneysts.

Body Nembrane - Elantic and Enticular Body Movement - Whiplash movement by their cilia -> Each citiem has two Phane- (1) Effective stoke - gels a fant stroke. - Here the cilion is relatively ntist as Recovery Stroke - Here the cilium curis loonely to one side and nweeps forward in a counter-clockwine fashion.

→ Each cilia move in a Coordinated function

Freding: - Heterotrophic behavious
- Freds on badraia tother
Small organism-