

INDIANA UNIVERSITY
INTER-DEPARTMENTAL COMMUNICATION

TO:

DEPT.

SUBJ.

FROM:

DEPT.

DATE

Dear Josh:

Just a note in reply to your long, good letter of the 19th. The possibility of macronuclei derived only partly by regeneration has already been encountered. Maupas (1888-89) reported in *Euplotis* that part of the old macronucleus was incorporated in the newly formed macronucleus after fertilization. Maupas was a first class observer and I take him seriously. The more so since I had some evidence for the occasional occurrence of the same thing in *P. anelia*. That was 15 years ago or more. The technical difficulties of being sure about this, when it occurs so rarely, are great; the chief problem is that bodies in the macronuclear envelope which have the size and staining reactions of macronuclear disintegration products may

of course be bodies formed in the anlagen and not incorporated from outside. I recall having seen stages on the edge that might have been entering fragments.

But these observations were too fragmentary to mention in publications.

I'll welcome any opportunity to talk further with you about the book.

Best wishes to you, Esther & the Steers,

Cordially,
Tracy