

STANFORD UNIVERSITY  
STANFORD, CALIFORNIA 94305

DEPARTMENT OF BIOLOGICAL SCIENCES

December 8, 1980

Mr. William N. Ogata  
Fungal Genetics Stock Center  
California State University  
Humboldt Foundation  
Arcata, California 95521

#1901 + #1902

Dear Bill:

This concerns the A and a stocks of Gelasinospora autosteira, FGSC 1902 and 1901, which you sent some time ago. I have been trying to cross them, but without success. They should have given perithecia when combined on one or another of the media I've tried, at 25° or 22°, but there is no sign of a mating reaction. Perhaps the stocks have become sterile since they have been placed in culture.

Incidentally, A becomes black on complete medium, whereas a does not, as you may have noticed.

Gelasinospora is quite close to Neurospora, and it would be valuable for comparative studies of the mating-type genes to have functional A and a strains of a heterothallic Gelasinospora species such as G. autosteira. ATCC has two other stocks of the species: ATCC Nos. 10964 and 10965. Would you be willing when convenient to request them of ATCC and let me have transfers? Perhaps one or both of them will be more sexy than the ones we have, or will function in combination with one of our present strains.

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Thanks, and regards,

*David*

David Perkins

ATCC  
Shung-chang Jong  
(301) 881-2600  
12/12/80  
Called in request - sec. answered  
left note to have cultures sent  
DP:gm

pending