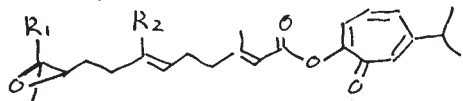
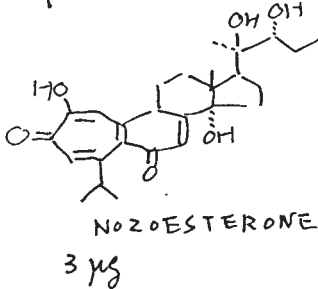


# Structures of Four New Hormones <sup>a)</sup>

NOZOE TETSUO JAPONICUM, [germinated 77 years ago]

immerse body in 80% aq. EtOH for 15 min, 37°, per day  
 repeat for 10 days  
 concentrate extract  
 follow extraction by bioassay

after drying body with tissue paper, feed normal diet



0.1 μg	R <sub>1</sub> = Et	R <sub>2</sub> = Et	} Three new naturally occurring juvenile hormone analogs
0.2 μg	Et	Me	
0.01 μg	Me	Me	

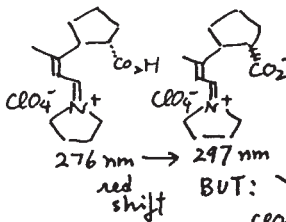
TETSUOCENES\* analogs

\*: bioassays indicate that secretion of the juvenile hormones is ever increasing in this 77-year-old organism.

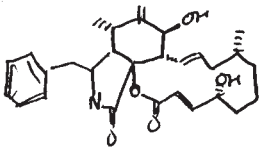
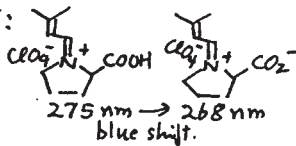
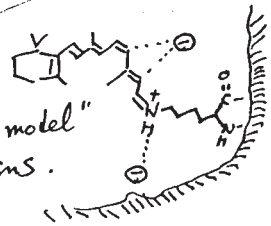
a) Dedicated to Prof. T. Nozoe on the occasion of his 77th birthday. Congratulations!

May 8/79  
New York

Kyo Wakamishi



"external point charge model" for rhodopsins.



to be synthesized.

H. L. J. Im. May 1979 (Stork's prop)