

Histomorphological Variation in Plethodontid Digital Surfaces

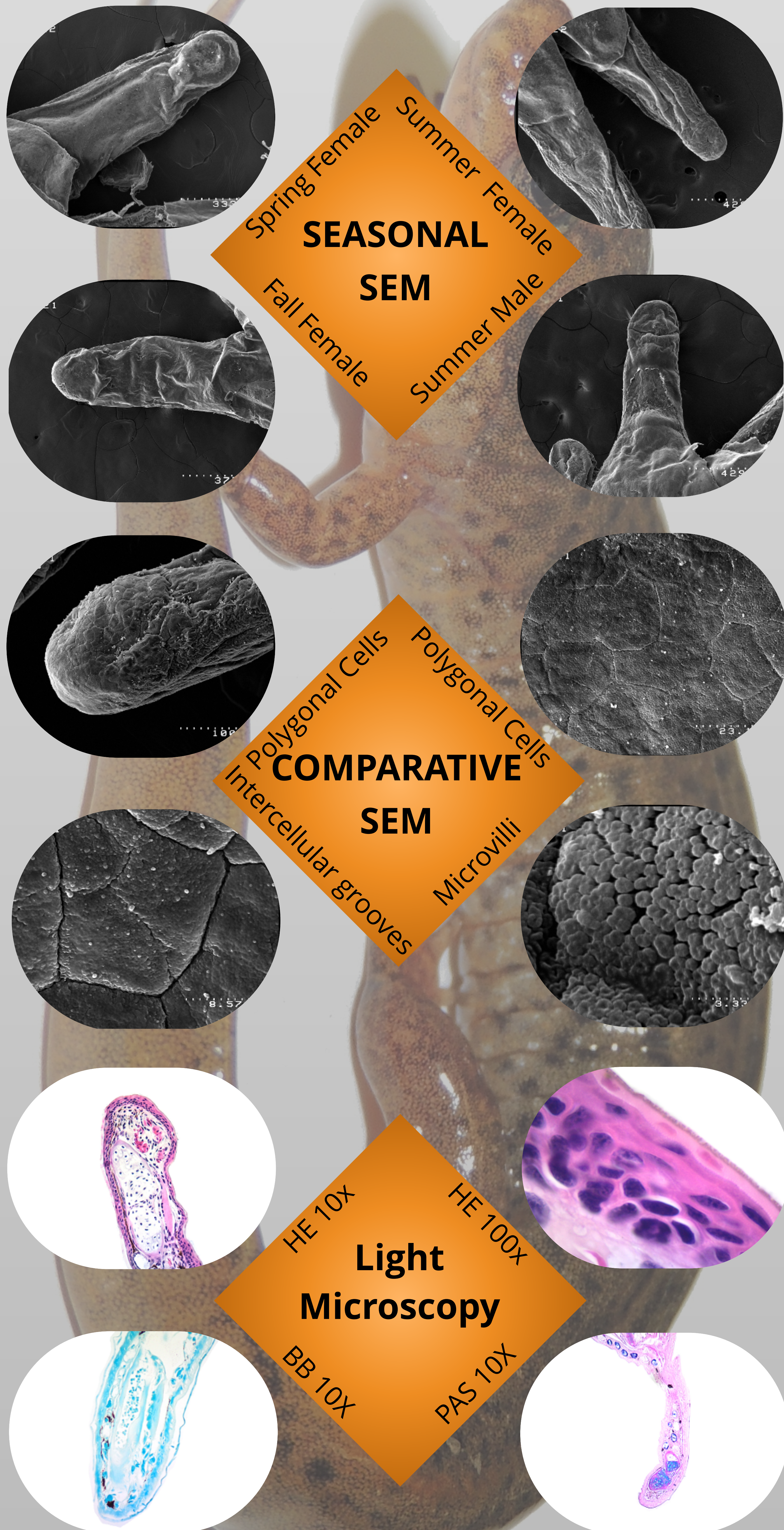
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Organismal and Integrative Laboratory for Evolutionary Research

Desmognathus fuscus

Eurycea cirrigera

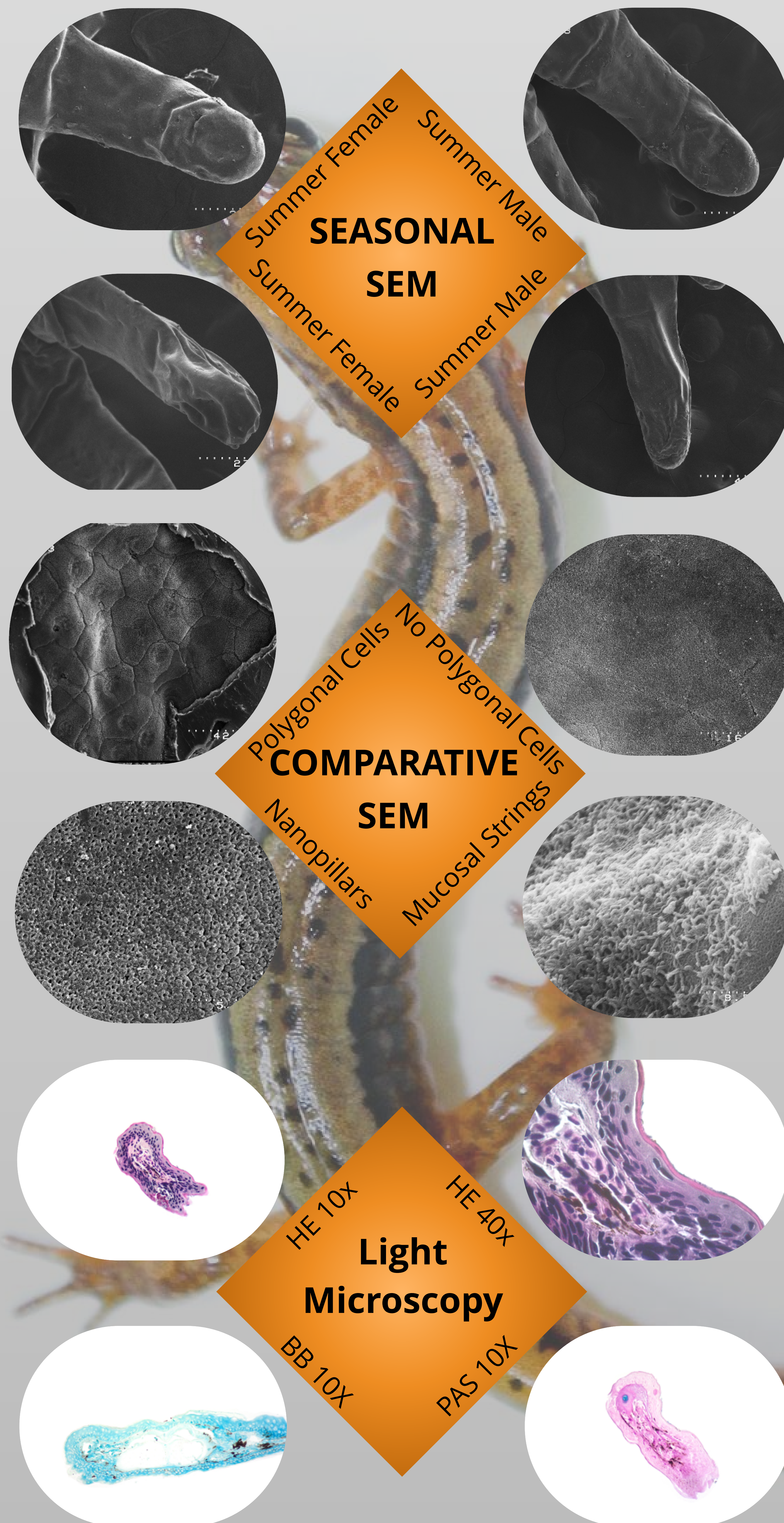
Plethodon cinereus



SEASONAL SEM
Spring Female Summer Female
Fall Female Summer Male

COMPARATIVE SEM
Polygonal Cells Polygonal Cells
Intercellular grooves Microvilli

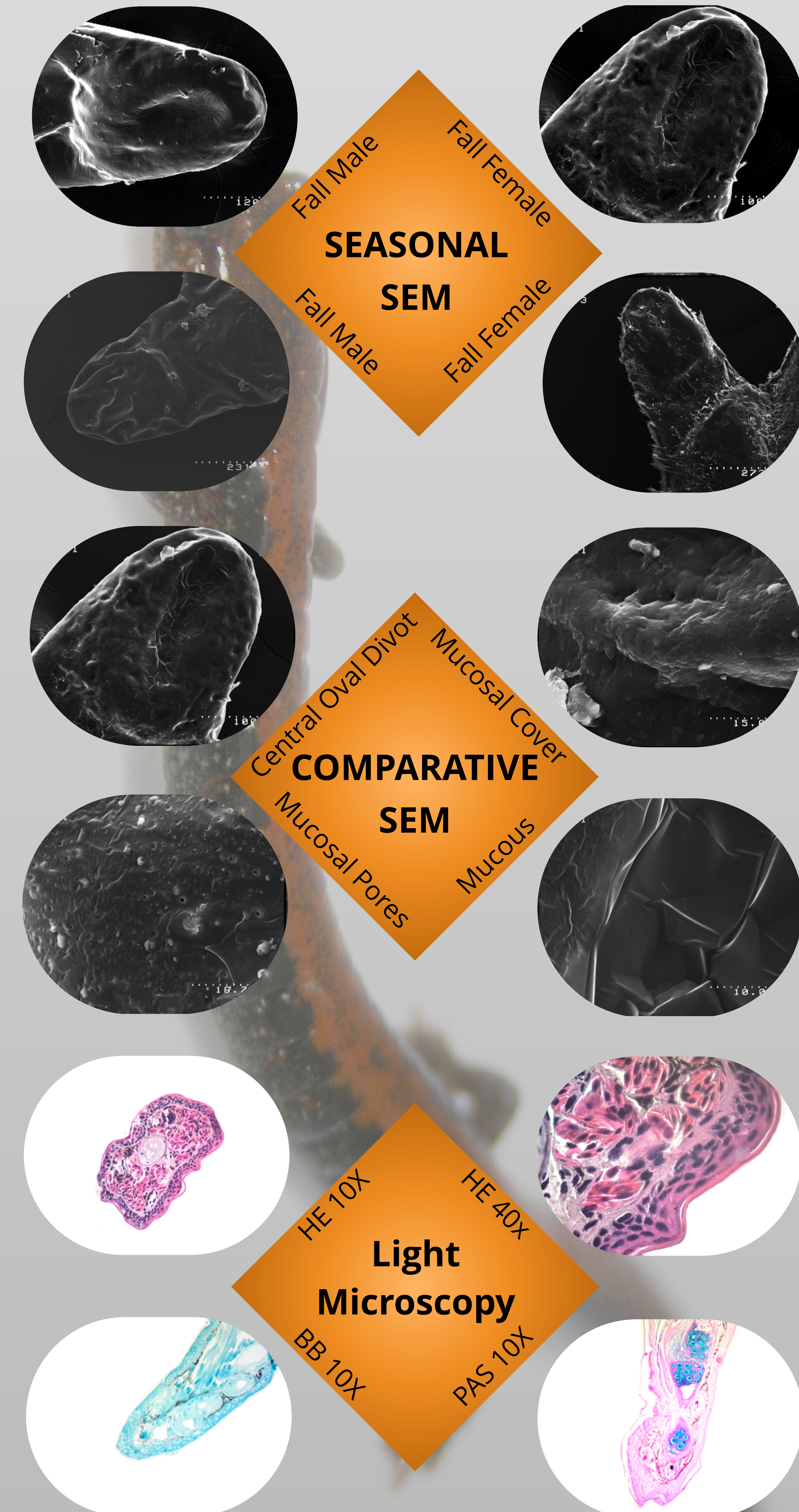
Light Microscopy
HE 10x HE 100x
BB 10x PAS 10x



SEASONAL SEM
Summer Female Summer Male
Summer Female Summer Male

COMPARATIVE SEM
Polygonal Cells No Polygonal Cells
Nanopillars Mucosal Strings

Light Microscopy
HE 10x HE 40x
BB 10x PAS 10x



SEASONAL SEM
Fall Male Fall Female
Fall Female

COMPARATIVE SEM
Central Oval Divot Mucosal Cover
Mucosal Pores Mucous

Light Microscopy
HE 10x HE 40x
BB 10x PAS 10x