



# On the nomenclature of palp's structures of *Oxyopes*



[http://entnemdept.ufl.edu/creatures/MISC/SPIDERS/stripped\\_lynx.html](http://entnemdept.ufl.edu/creatures/MISC/SPIDERS/stripped_lynx.html)

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# Palp of *Oxyopes maracandensis*



Фото

А.В. Пономарева



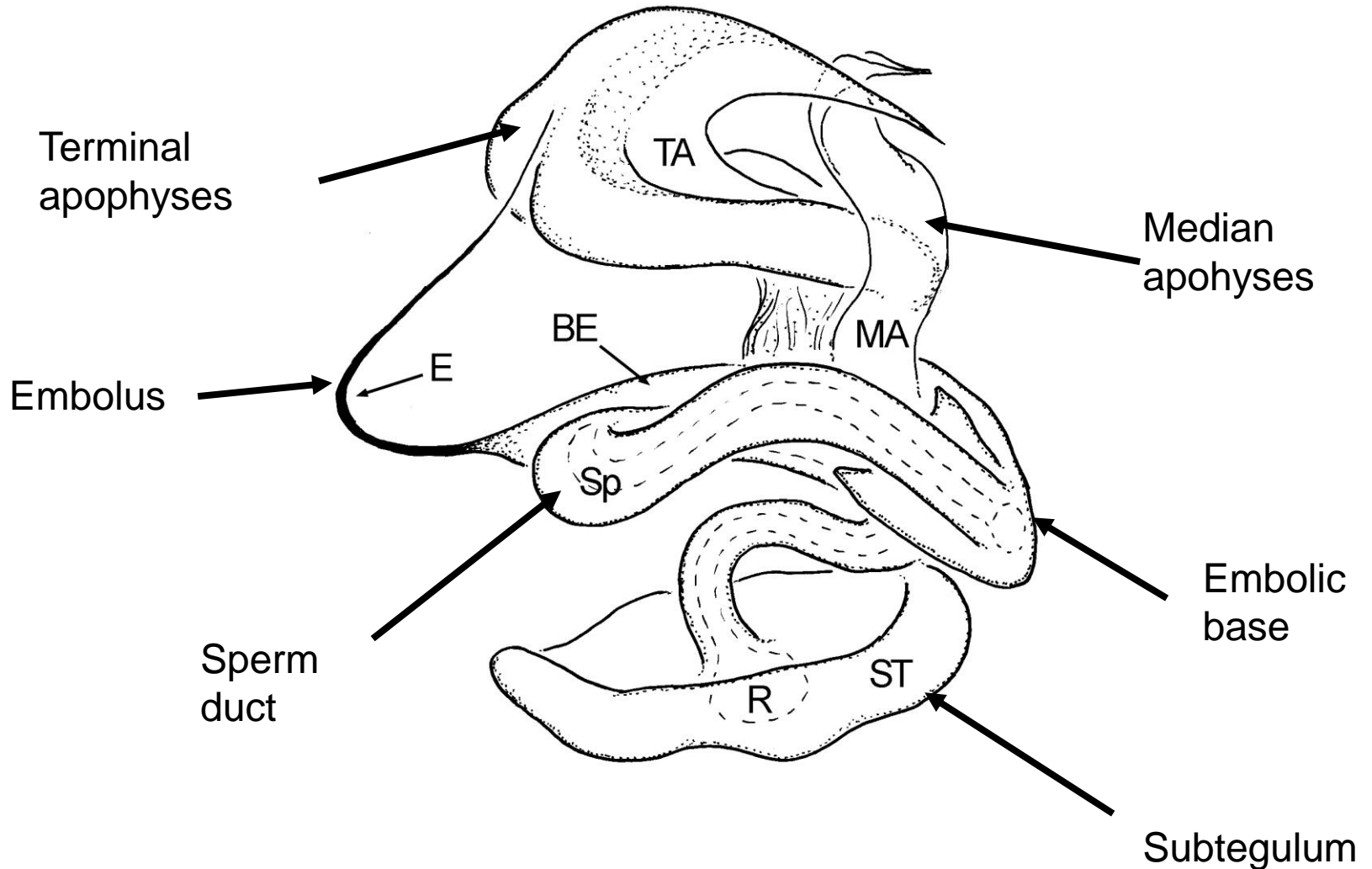
# “Typical” description of the structure of the *Oxyopes* palp at the mid-20th century

*“centre of bulbus taken by large, white distented mass, a transparent, mesal membrane and an elongated tegular outgrowth”*

*«в центре бульбуса находится большая белая вздутая масса, прозрачная медиальная мембрана и удлиненный тегулярный вырост»*



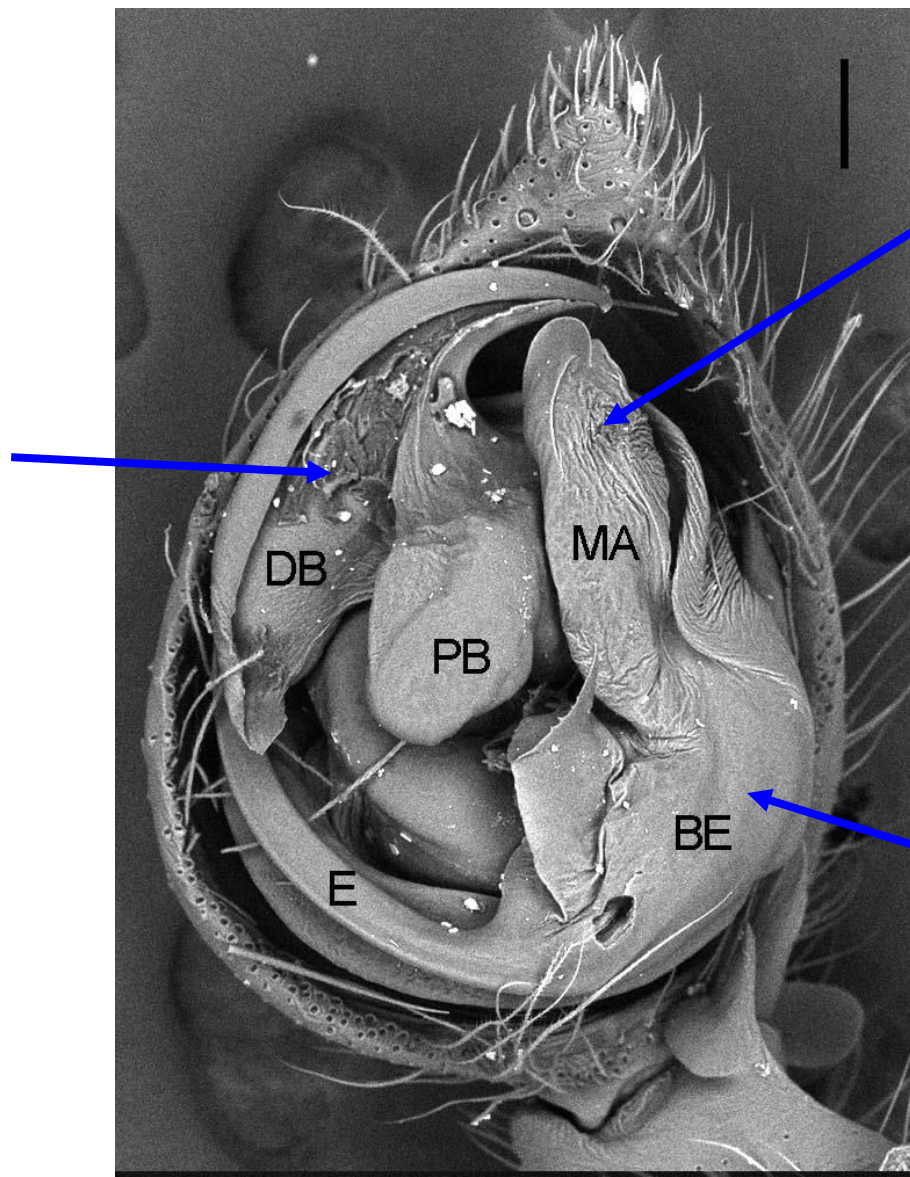
# Schematic figure of the palp (*Oxyopes xinjiangensis*)





# SEM photo of palp (*Oxyopes xinjiangensis*)

Terminal  
apophyses

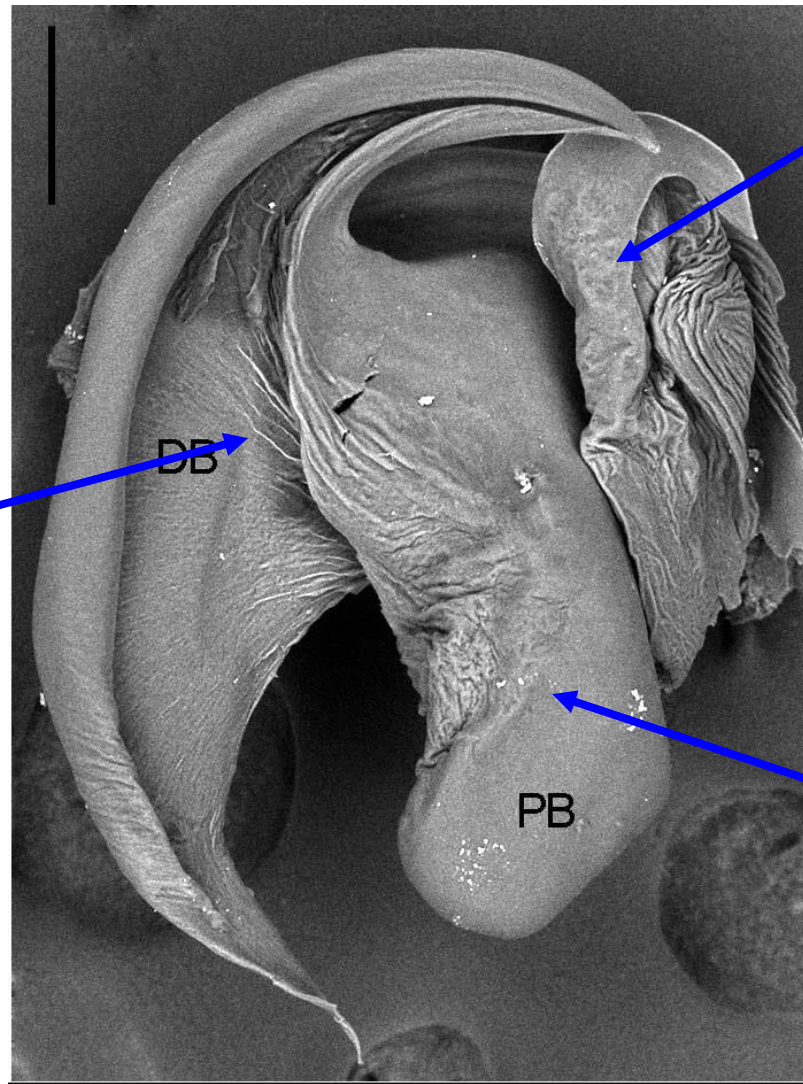


Median  
apophyses

Embolic  
base



# SEM photo of terminal apophysis (*Oxyopes xinjiangensis*)



Median  
apophyses

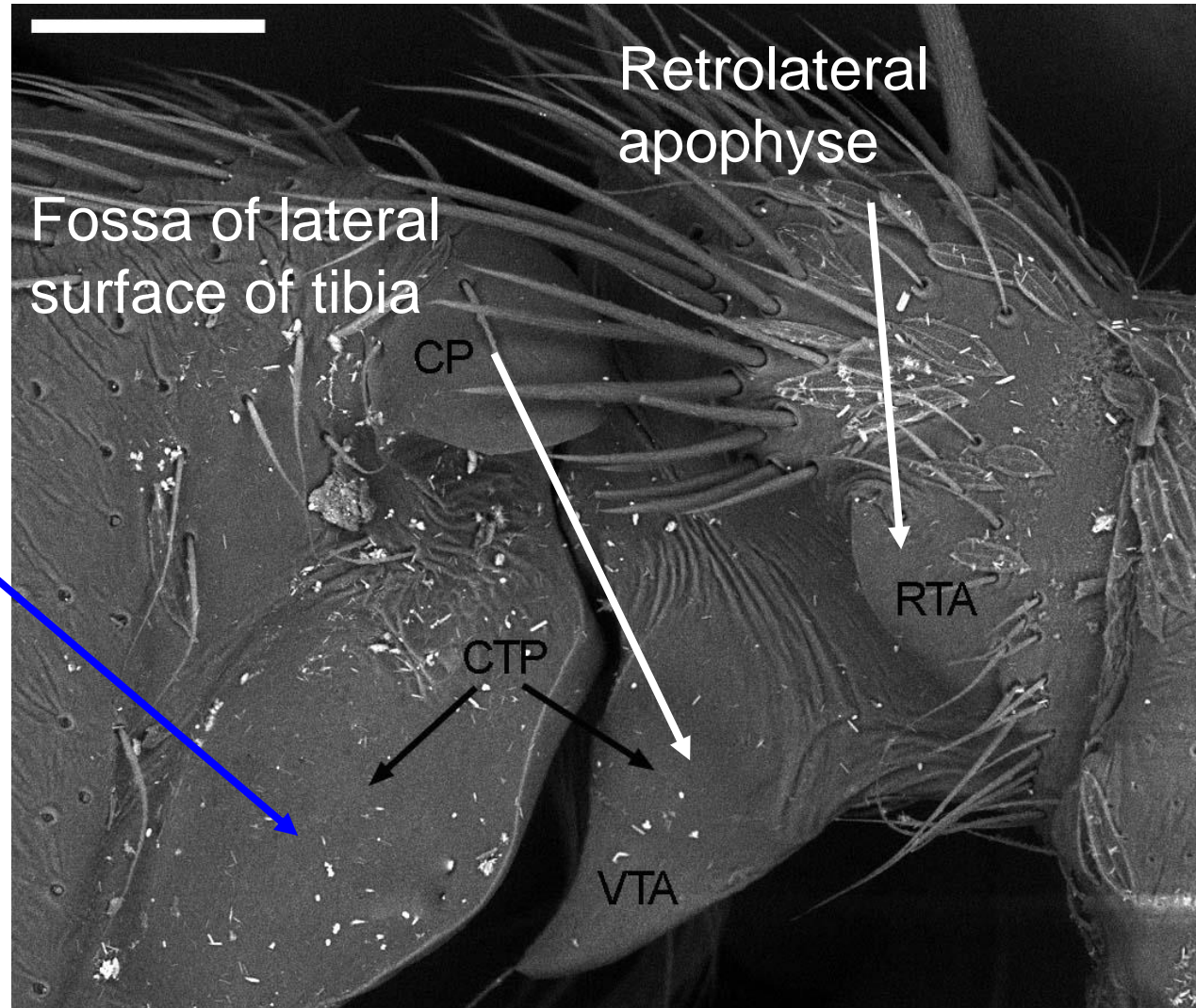
Distal branch of  
terminal apophyses

Proximal branch of  
terminal apophyses



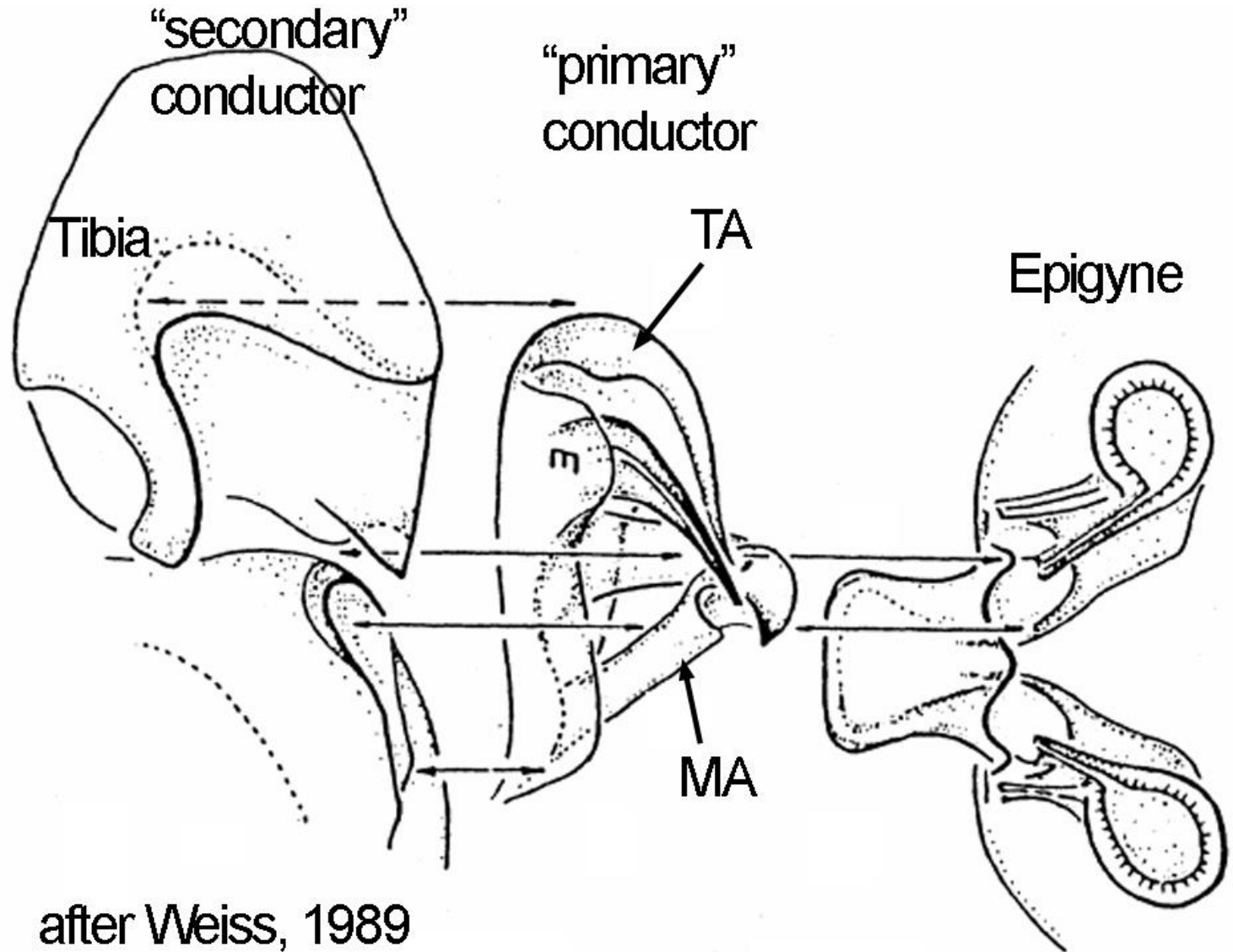
# Cymbial-tibial pit of *Oxyopes* palp

Fossa of lateral surface of cymbium





# Scheme of interaction of the elements of palp and epigyne in *Oxyopes*







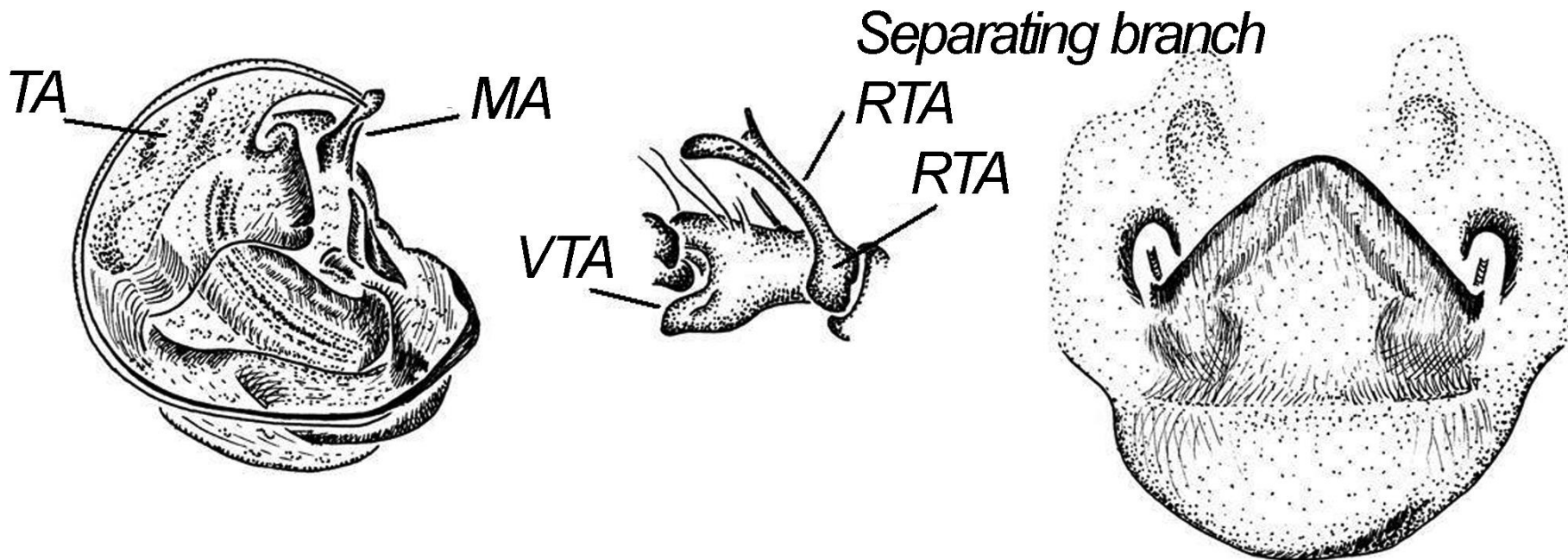
# Taxonomical problems of genus *Oxyopes*

Genus *Oxyopes* – 288 species

or 66% of Oxyopidae (440 species)



*heterophthalmus* species group  
4 species or 1%





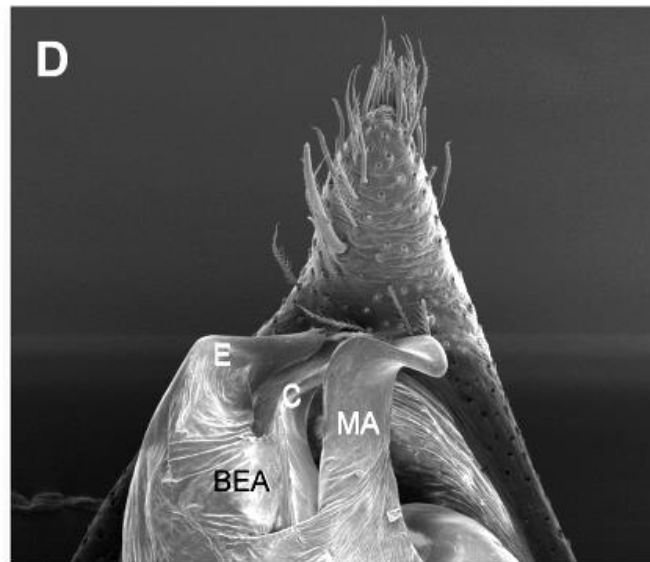
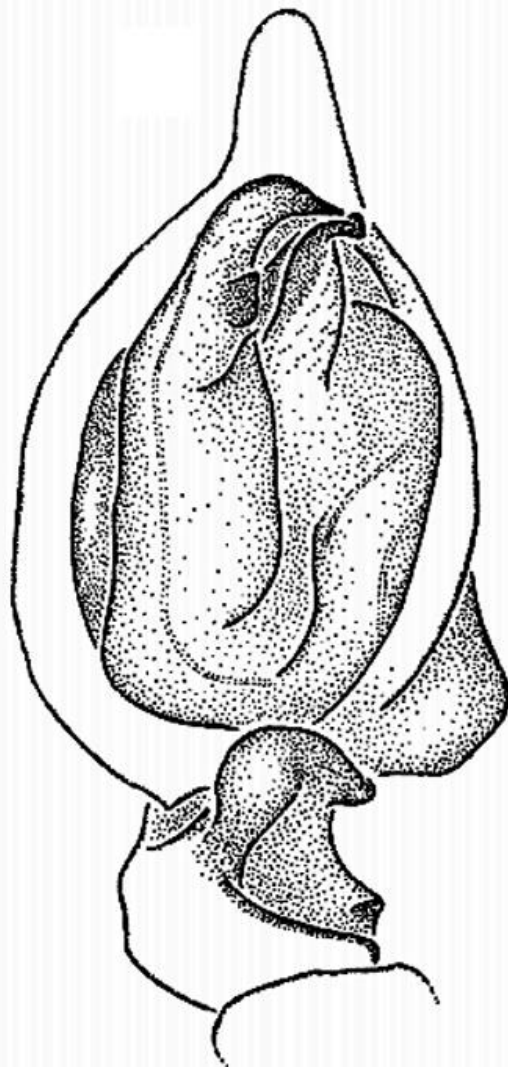
# Cymbial-tibial pit of *Oxyopes heterophthalmus*



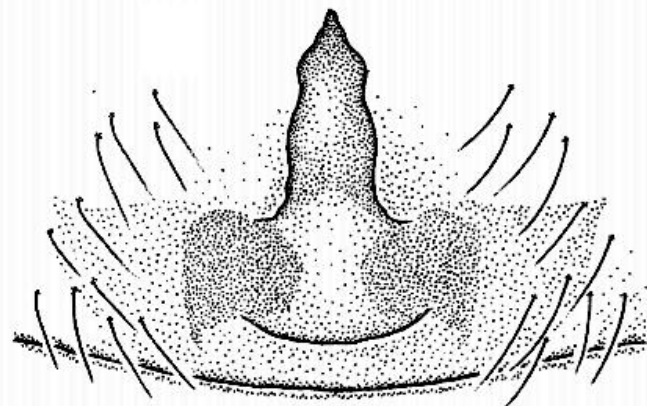
after Ramires, 2014



# *salticus* species group *Oxyopes*

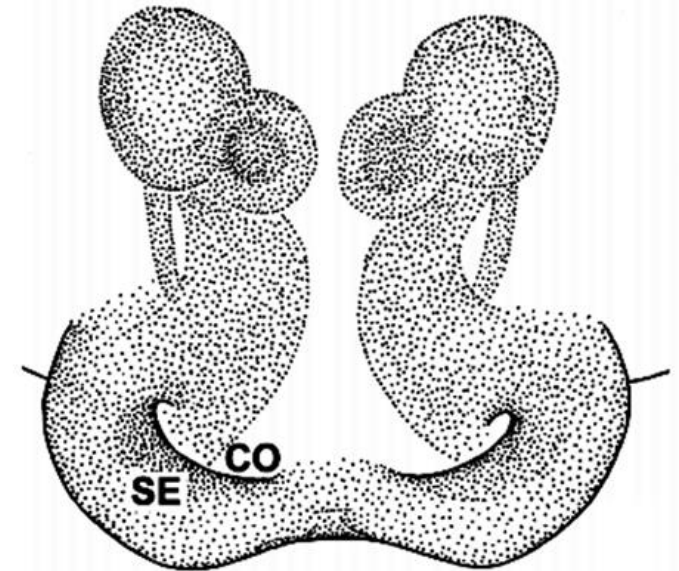
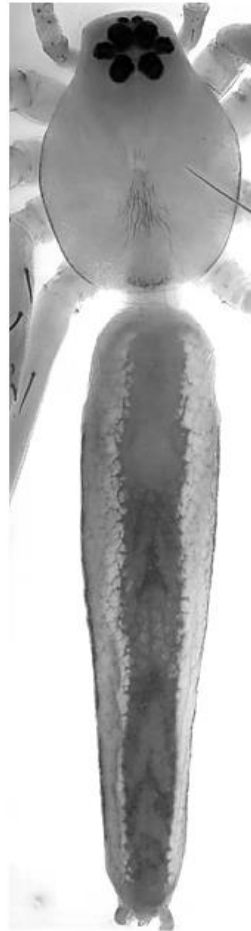
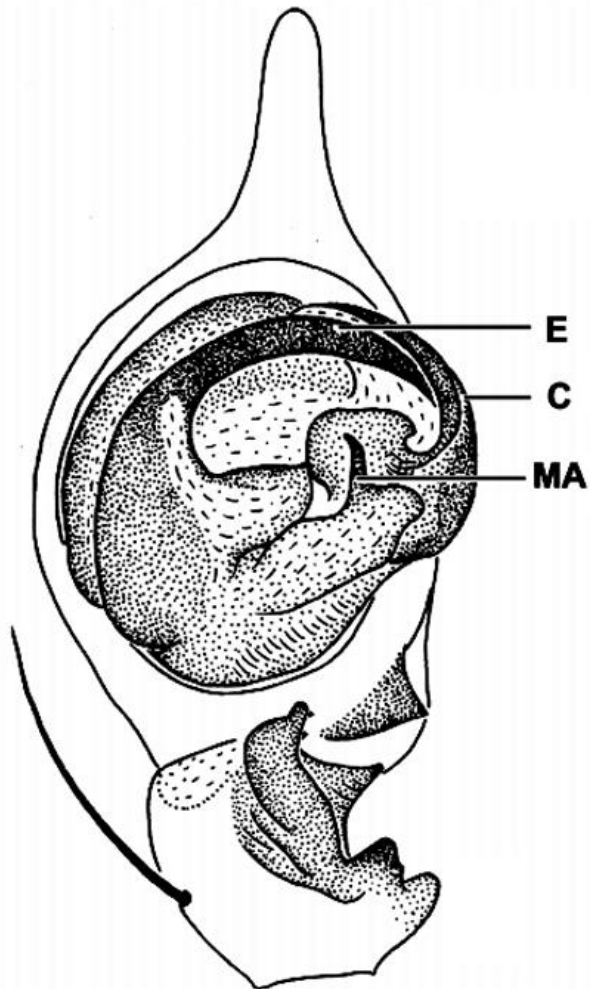


after Santos, 2017





# unknown species group of *Oxyopes*



after Tang, Li, 2012



Thanks for attention!

