

The following abbreviations, colours and staining intensities are used in the Tables, Captions to figures and Contents in the present Thesis :

Abbreviations :

1.	H-E	-	Haemataxylene-Eosine.
2.	PAS	-	Periodic acid Schiff's reagent.
3.	AB	-	Alcian blue.
4.	OTIN	-	Optic tentacles intact.
5.	OTAB	-	Optic tentacles ablation.
6.	OTEI	-	Optic tentacles extract injection.
7.	CGEI	-	Cerebral ganglia extract injection.
8.	OVEI	-	Ovotestis extract injection.
9.	ASOs,	-	Accessory sex organs.
10.	DB	-	Dorsal body.
11.	DBH	-	Dorsal body hormone.
12.	CDCH	-	Caudo-dorsal cell hormone.
13.	SC	-	Secretory cells.
14.	NSC	-	Non secretory cells.
15.	L	-	Lumen
16.	PCG	-	Peripheral glandular cells.
17.	LC	-	Luminal contents.
18.	AS	-	Amorphous secretion.
19.	GD	-	Granular droplets.
20.	GS	-	Secretory granules.
21.	VS	-	vas deferens
22.	MT	-	Muscles.
23.	LT	-	Loose connective tissue.
24.	UG	-	Unicellular gland.
25.	PS	-	Penis sheath.
26.	LT	-	Connective tissue.
27.	P	-	Penis
28.	OE	-	Peripheral layer.
29.	MG	-	Multicellular gland.
30.	BS	-	Blood space.

31.	CT	-	Connective tissue.
32.	NGC	-	Neutral glandular cells.
33.	AGC	-	Acidic glandular cells.
34.	MGC	-	Mixed glandular cells.
35.	NGC	-	Non-glandular cells.
36.	MB	-	Muscle band.
37.	NSD	-	Neutral secretory droplets.
38.	ASD	-	Acidic secretory droplets.
39.	MSD	-	Mixed secretory droplets.
40.	UG Type I	-	Unicellular glands Type-I.
41.	UG Type II	-	Unicellular glands Type-II.
42.	MP	-	Penis muscles.
43.	PCT	-	Penis connective tissue.
44.	MG Type-I	-	Multicellular gland Type-I.
45.	MG Type-II	-	Multicellular gland Type-II.
46.	MS	-	Penis sheath muscles.
47.	SCT	-	Penis sheath connective tissues.

Colour :

P	-	Pink.
B	-	Blue.
BP	-	Bluish Pink.

Staining Intensities :

++++	-	Intense.
+++	-	Moderate.
++	-	Weak.
+	-	Poor.
±	-	Trace
-	-	Negative