

## **Tables**

**Table 1.** Characteristics of immunoreactive substances in the AL.

Immunoreactive substance	Glomeruli		Cell cluster				Antenno-cerebral tract				Cell type			
	MGC	OGs	MC	LC	AC	other	IACT-a	IACT-b	MACT	OACT	AN	PN	LN	CF
GABA	+	+	-	+	-	-	-	-	+	-	-	+	+	-
FMRFamide	+	+	-	+	+	-	-	-	+	+	-	+	+	-
Serotonin	+	+	-	-	-	+	-	+	-	-	-	-	-	+
Tyramine	+	+	-	+	-	*1	-	+	-	-	+	-	+	*2
Histamine	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\*1: We could not observe any cell bodies connecting with IACT-b fibers in the cell cluster of the AL.

\*2: Their neurites connected widely in the brain, including the PC and the SOG.

MGC, macroglomerular complex; OGs, ordinary glomeruli; MC, medial cell cluster; LC, lateral cell cluster; AC, anterior cell cluster; IACT-a, inner antenno-cerebral tract a; IACT-b, inner antenno-cerebral tract b; MACT, middle antenno-cerebral tract; OACT, outer antenno-cerebral tract; AN, antennal nerve; PN, projection neuron; LN, local interneuron; CF, centrifugal neuron; PC, protocerebrum; SOG, suboesophageal ganglion