Tables

TABLE 1. Summary of the MGC-PNs Characterized by Kanzaki et al. (2003)

	Dendritic branch in the AL	Cell body position	Axon path to the PC	Projection sites in the PC*[1]	Response specificity*[2]
cumulus-PN	cumulus	MC	IACT	Ca, L-ILPC	bombykal
toroid-PN	toroid	MC	IACT	Ca*[4], M-ILPC	bombykol
horseshoe-PN	horseshoe	MC	IACT	Ca, L-ILPC	bombykal
c+t-PN	cumulus & toroid*[3]	LC	M / OACT	M-ILPC	bombykol & bombykal

*[1] In this study I analyzed projection sites of each type of MGC-PNs more closely with an advanced method.

*[2] When each odor (bombykol, bombykal, and 1-hexanol) was applied, which odor the neurons showed excitatory response.

*[3] Some neurons arborize also in the horseshoe.

*[4] Arborization in the Ca is a few short blebs.

Ca, calyx of the mushroom body; IACT, inner antenno-cerebral tract; ILPC, inferior lateral protocerebrum; L, lateral; LC, lateral cell cluster of the AL; M, medial; MACT middle antenno-cerebral tract; MC, medial cell cluster of the AL; OACT, outer antenno-cerebral tract; PC, protocerebrum

TABLE 2. Summary of the Projection Sites of Each Type of PNs in the ΔILPC

	n	Arborization in the ΔILPC
cumulus-PN	4	lateral half of the ΔILPC
toroid-PN	4	all over the ΔILPC
horseshoe-PN	1	lateral half of the ΔILPC*[1]
c+t-PN	0	—*[2]
G-PN	16	non overlap

—: not tested

*[1] Horseshoe-PN arborize little more laterally over the ΔILPC than cumulus-PNs.

*[2] Reexamination of the 3-D structure of the c+t-PNs characterized by Kanzaki et al. (2003) indicates that the projection area of these PNs may correspond to the lateral part of the ΔILPC.

TABLE 3. Morphological classification of the local interneurons

Type of LNs	n (126)	MGC	Gs	Dendritic density	Dendritic distribution	Position of cell body	Remarks
Type I	91	○	All	sparse	biased to core region	LCI	homogeneous density for all glomeruli
Type II	6	○	All	dense	all over the glomerulus	LCII	sparse arborization in the MGC, LLG1,2, and MSG
Type IIIa	14	×	Pluri	sparse & dense	circumscribing edges	LCI	no arborization in the LLG1,2, MSG
Type IIIb	5	×	Pluri	dense	all over the glomerulus	LCI	no arborization in the LLG1,2, MSG
Type IVa	4	○	Pluri (a few Gs under the MGC)	sparse & dense	circumscribing edges	LCI	dense arborization in the MGC
Type IVb	4	○	Pluri	sparse & dense	—	LCI	dense arborization in the MGC
Type IVc	2	○	Pluri + AMMC	sparse & dense	all over the glomerulus	LCI	dense arborization in the PV