



Figure 4. Hierarchy of visual areas. This hierarchy shows 32 visual cortical areas, shaded according to the same scheme as in Figure 2, 2 subcortical visual stages (the retinal ganglion cell layer and the LGN), plus several nonvisual areas (area 7b of somatosensory cortex, perirhinal area 36, the ER, and the hippocampal complex). These areas are connected by 187 linkages, most of which have been demonstrated to be reciprocal pathways.

(Boussaoud et al., 1990). Another is the connection between MSTd and PIT, which constrains PIT to be higher than MSTd. The third is the connection between AITd and 46, which constrains 46 to be level with or lower than AITd. All attempts to reposition these areas led to an even larger number of inconsis-

tencies. Hence, we regard the current version as a "best fit" to the available data. It is notable that all 3 of these inconsistencies involve relationships that were already questionable from an earlier stage of the analysis.

The sheer complexity of Figure 4 makes it difficult