

Contents

Abbreviations	6
I. Introduction	7
II. Material and Methods	9
III. Results	9
General Considerations	9
Lack of Projections from the Thalamic Sensory Nuclei	10
Cortico-Cortical Connexions from the Primary Sensory Areas	14
Thalamic Connexions of the Areas in the Suprasylvian Gyrus	20
Cortico-Cortical Connexions within the Suprasylvian Gyrus	27
Commissural Connexions of the Suprasylvian Gyrus	36
Connexions of the Frontal Cortex	39
IV. Discussion	40
Functional Localization in the Suprasylvian Gyrus	40
Relation to Architectonic Maps	43
Significance of Architectonic Subdivisions	45
Thalamic Connexions of the Suprasylvian Gyrus	46
Convergence in the Suprasylvian Gyrus	51
Output to the Limbic System	53
Comparison with the Monkey	54
Summary	56
References	57
Subject Index	62