

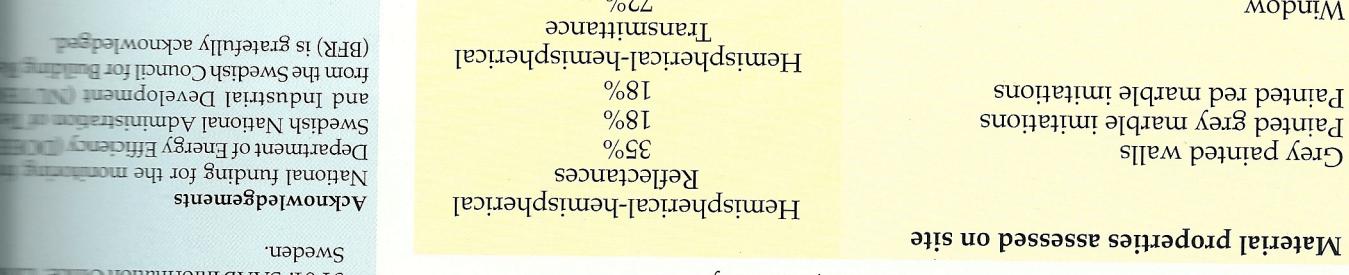


△ Exterior view showing the two rows of clerestories.

# ANATOMICAL LECTURE THEATRE



Δ Pictures of sunbeam penetration taken at one hour intervals, on 27 May 1997.

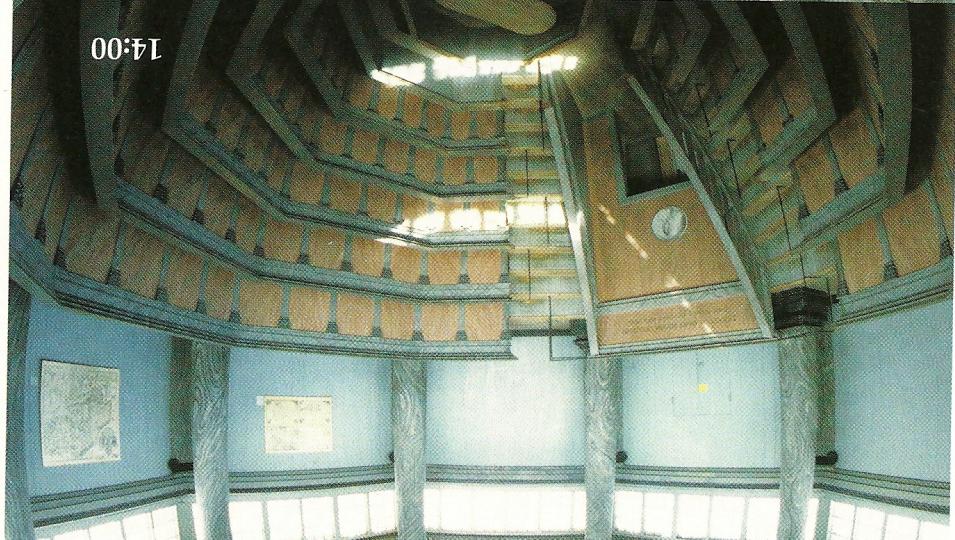


A Pictures of sunbeam penetration taken at one hour intervals, on 27 May 1997.

### 15:00



### 14:00



### 13:00



Climate  
Uppsala is located near the Swedish coast  
about 65 km north of Stockholm.  
59°8'N, Longitude: 17°6'OE, Altitude:

Built in 1663  
Building description

Glass area/Floor area (m<sup>2</sup>): 1257 - 1258  
Height floor dissociation (m): 12.5  
Number of standing spectators -

National funding for the monitoring

Department of Energy Efficiency (DOE)  
Swedish National Administration of Building

and Industrial Development (NLV)  
Swedish National Energy Agency (SEA)

Ministry of Environment (MIL)  
Swedish University of Agricultural Sciences

Swedish Architecture - Drawing

Andersson, H.O. and E. Bedding

References

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Gustavianum C50:2, Uppsala  
Complaint of the Building  
Building Fastighetsverk, Stockholm, Sweden  
Byggförlägget Stockholm, Sweden  
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The Monitoring Centre for Energy Ef  
and  
Chalmers University of Technology  
Department of Building Services En  
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P.O. Box 2263, S-103 16 STOCKHOLM  
Sweden Fastighetsverket).

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# Circular clerestories create a uniform and glare-free environment for an anatomical theatre

## Anatomical Lecture Theatre, Uppsala, SWEDEN

Olof Rudbeck designed and built this anatomical theatre in 1662 to 1663. The octagonal room is daylit with two circular arrays of clerestories which admit moderate quantities of glare-free daylight, except when sunbeams penetrate and animate the space.

### A unique building designed by its main user

The Anatomical Theatre in the Gustavianum, the former main building of Uppsala University, is one of only three remaining 17th century anatomical theatres in Europe. It was designed and built in 1662 to 63 by Olof Rudbeck, professor of medicine and a universal genius.

The anatomical theatre was given the form of an octagon and the interior design had an educational intent, since it was furnished with stylistic elements from antiquity that an educated young man should be aware of. The interior of the theatre consists of an upper part

(crowned by the dome) which is shaped like the round Ionic temple of Plato's description; and a lower part, the theatre itself, which resembles a Roman amphitheatre described by Vitruvius. In an architectural sense the Anatomical Theatre can be seen as a temple to our knowledge of Man and Nature.

The anatomical theatre itself can accommodate about two hundred standing spectators on five levels. The arrangement of these five viewing levels is, like that of the Coliseum, decorated with the classical column forms. Starting at the lower level and moving up the pilasters, painted in grey marble imitation, are the Tuscan, Doric, Ionic, Corinthian and

The octagonal ceiling with the two arrays of clerestories photographed from the dissection table.

▼ The clerestories seen on a sunny day.

