

# EROSION

## Muestra

Lithography in cellulose support of vellum paper, entitled "La Saite Bible", representing a Genesis scene.  
L. Turgis, 19th century. University of Barcelona. Spain

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## Causas de la patología

*Lepismasaccharina* (family *Lepismatidae*) is attracted to cellulose and starch of documents, paper, books and stamps, as well as their glues, sizes, starches and binding mediums of some painting techniques.

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## Imagen de visu



**Autor:** Àngela Sitges Febrer

**Descripción:** *Lepismasaccharina*, known as silverfish, produces shallow and irregular and circular erosions. This insect can create crater-shaped holes leaving an indelible mark of its existence.

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## Imagen detalle / macro



**Autor:** Àngela Sitges Febrer

**Aumentos:** Scale

**Descripción:** Detail of irregular and circular erosions.

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## Patologías Asociadas

Biological attack.  
Loss of support.

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## Observaciones

This characteristic and exogenous erosion by biological attack causes surface damage, loss of support and supported element, and loss of resistance by altering its integrity.

File author: Àngela Sitges Febrer.

Subject: Examen, Diagnóstico y Documentación II.

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### **Bibliografía**

CALVO MANUEL, A. Conservación y restauración. Materiales, técnicas y procedimientos. De la A a la Z. Barcelona: Ediciones del Serbal, 1997.

GALLO, F. Biological factors in deterioration of paper. Roma: ICCROM, 1985.

MUÑOZ VIÑAS, S. La restauración del papel. Madrid: Editorial Tecnos. Grupo Anaya, S.A., 2010.

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Education

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### **Institución o Empresa**

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