

# Manual Acceso y uso Invasive Species Compendium



Universidad  
Rafael Landívar  
Tradición Jesuita en Guatemala

CRAI  
LANDÍVAR  
RED DE BIBLIOTECAS

Centro de recursos para el aprendizaje y la investigación

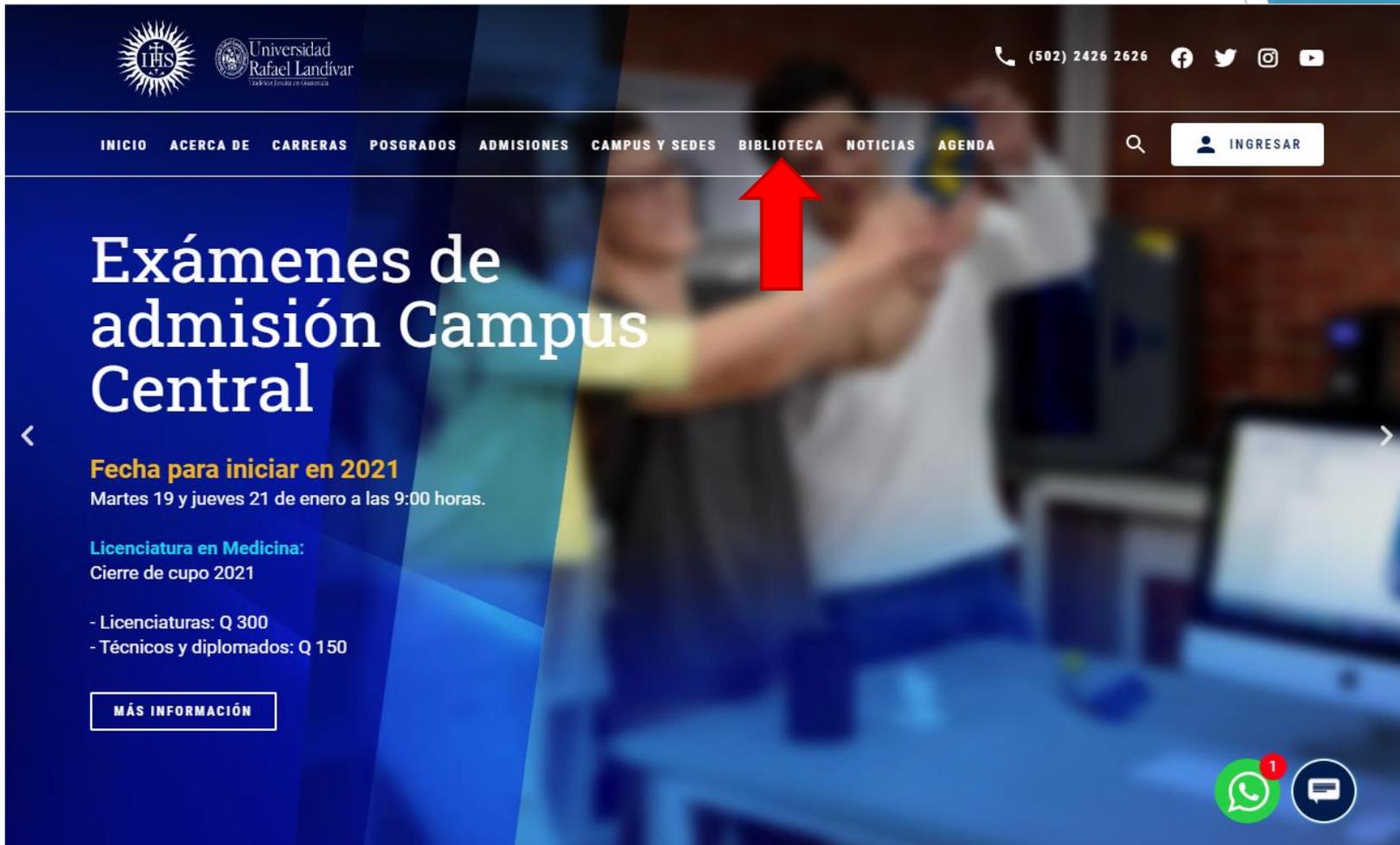


# Forma de ingreso a Invasive Species Compendium

Ingresar al portal  
de la Universidad  
Rafael Landívar:

[www.url.edu.gt](http://www.url.edu.gt)

# Hacer clic en Biblioteca



The image shows a screenshot of the Universidad Rafael Landívar website. The header features the university's logo on the left, the name 'Universidad Rafael Landívar' in the center, and contact information '(502) 2426 2626' along with social media icons for Facebook, Twitter, Instagram, and YouTube on the right. A navigation menu is located below the header, with the 'BIBLIOTECA' link highlighted by a red arrow. To the right of the menu is a search icon and an 'INGRESAR' button. The main content area features a large banner for 'Exámenes de admisión Campus Central' with a sub-heading 'Fecha para iniciar en 2021' and details about the exam dates and cupos. A 'MÁS INFORMACIÓN' button is positioned at the bottom of the banner. In the bottom right corner, there are icons for WhatsApp and a notification bell.

Universidad Rafael Landívar  
Tribuna de la Verdad

(502) 2426 2626

INICIO ACERCA DE CARRERAS POSGRADOS ADMISIONES CAMPUS Y SEDES **BIBLIOTECA** NOTICIAS AGENDA

INGRESAR

## Exámenes de admisión Campus Central

**Fecha para iniciar en 2021**  
Martes 19 y jueves 21 de enero a las 9:00 horas.

**Licenciatura en Medicina:**  
Cierre de cupo 2021

- Licenciaturas: Q 300
- Técnicos y diplomados: Q 150

MÁS INFORMACIÓN

# Clic en Bases en línea

**CRAI LANDÍVAR**  
RED DE BIBLIOTECAS

[Inicio](#) [Acercas de](#) [Catálogos](#) [Bases en Línea](#) [Recursos](#) [Repositorios](#) [Contacto](#)

## Centro de recursos para el aprendizaje y la investigación

Más de 550,000 libros y documentos en los anaqueles y más de 10,000,000 documentos en línea.

[CONOCER MÁS](#)

Metabuscadador Landivariano  [BUSCAR](#)

## Novedades



# Buscamos Facultad de Ciencias Ambientales y Agrícolas

The screenshot shows the CRAI LANDÍVAR website interface. At the top, there is a navigation bar with the logo on the left and menu items: Inicio, Acerca de, Catálogos, Bases en Línea (underlined), Recursos, Repositorios, and Contacto. Below the navigation bar, a filter section titled 'FILTRAR POR FACULTAD' lists several faculties. The 'Facultad de Ciencias Ambientales y Agrícolas' is circled in red. To the right, three database cards are displayed: 'Invasive Species Compendium' (CABI), 'Goali' (GOALI), and 'Crop Protection Compendium' (CABI). Each card includes a description, a 'GUÍA DE USO' link, and 'INGRESA DESDE LA URL' and 'INGRESA DESDE CASA' links. A 'DynaMed' logo is visible at the bottom of the middle card. A WhatsApp chat icon is located in the bottom right corner.

**CRAI LANDÍVAR**  
RED DE BIBLIOTECAS

Inicio Acerca de ▾ Catálogos ▾ Bases en Línea Recursos ▾ Repositorios ▾ Contacto 🔍

FILTRAR POR FACULTAD

Ver todos

**Facultad de Ciencias Ambientales y Agrícolas**

Facultad de Ciencias de la Salud

Facultad de Ciencias Económicas y Empresariales

Facultad de Ciencias Jurídicas y Sociales

Facultad de Ciencias Políticas y Sociales

Facultad de Humanidades

Facultad de Ingeniería

**CABI**

**Invasive Species Compendium**

Cobertura detallada de especies invasoras que amenazan los medios de vida y el medio ambiente en todo el mundo.

INGRESA DESDE LA URL

INGRESA DESDE CASA

GUÍA DE USO

**GOALI**  
RESEARCH FOR GLOBAL JUSTICE

**Goali**

Revistas y libros en línea para Ciencias Jurídicas.

INGRESA DESDE LA URL

INGRESA DESDE CASA

GUÍA DE USO

**CABI**

**Crop Protection Compendium**

Amplia gama de diferentes tipos de información con base científica sobre todos los aspectos de la protección de cultivos.

INGRESA DESDE LA URL

INGRESA DESDE CASA

GUÍA DE USO

**DynaMed**

WhatsApp

# Buscar Invasive Species Compendium y dar clic en ingresar desde la Casa



 CABI

## Invasive Species Compendium

Cobertura detallada de especies invasoras que amenazan los medios de vida y el medio ambiente en todo el mundo.

-  [INGRESA DESDE LA URL](#)
-  [INGRESA DESDE CASA](#)
-  [GUÍA DE USO](#)

# Forma de uso y principales funciones



# Estructura de página principal

1

Botón Home:  
Regresa  
página  
principal

2

Barra de  
búsqueda y  
botón de  
búsqueda  
avanzada  
por filtros

3

Portales de  
información  
sobre  
especies  
destacadas

4

Noticias y  
artículos  
sobre temas  
relacionados

The screenshot shows the homepage of the CABI Invasive Species Compendium. The browser address bar is [cabi.org/isc/](http://cabi.org/isc/). The navigation menu includes 'Home', 'Other CABI sites', 'About', and 'Help'. The main header features the CABI logo and the title 'Invasive Species Compendium' with the subtitle 'Detailed coverage of invasive species threatening livelihoods and the environment worldwide'. Below the header is a search bar with a 'Filter by type' dropdown and a 'Search' button. A text block states: 'Changes to Compendia distribution data: the distribution tables, maps and references in datasheets have been restructured to handle the data better for updating and align with a geographic standard. Further details are available in Help.' The 'Featured species' section includes a sub-header 'Click through to information portals for featured invasive species' and three featured species: *Parthenium hysterophorus* (Parthenium weed), *Tuta absoluta* (Tomato leafminer), and *Fusarium oxysporum* f.sp. *cubense* tropical race 4 (TR4). The 'Latest news' section features a Google logo and two news items: 'Mussel-Phosphorus Puzzle: Invasive mussels are reshaping the chemistry of the...' and 'New malaria mosquito emerges in African cities'.

# Búsqueda

5

Cuadro de búsqueda por medio de filtros: hojas de datos, artículos de investigación, identificar las especies y manejarlas, videos, reportes y glosarios.

6

Resultados de búsqueda se ordenan según necesidad de usuario.

**CABI**

## Invasive Species Compendium

Detailed coverage of invasive species threatening livelihoods and the environment worldwide

cricket Filter by type ▾

- Datasheets (28)
  - Basic datasheets (2)
  - Full datasheets (26)
- Identification and management (14)
  - Identification guides (0)
  - Management factsheets (14)
  - Manuals (0)
  - Posters and leaflets (0)
- Reports (0)
- Videos (0)
- Glossary (0)
- Research articles (161) (approx.)
  - Abstracts (157)
  - CABI hosted full text (4)

[Clear all](#) [Search](#)

**Search results** **Selected records**

Search results: 203 results (approx.)

All  **Datasheet (Basic)** Sort by: **Relevance** Show: 10 Page: 1 of 21

**Datasheet (Full)**

**Calptotrypus hibernis (green tree cricket)**  
Datasheet Type(s): Invasive Species

**Datasheet (Full)**

**Brenneria salicis (watermark)**  
In Japan the pathogen behaves in an invasive manner, spreading rapidly in established stands of willow. It is currently restricted to areas of...

**Datasheet (Full)**

**Paspalum notatum (Bahia grass)**  
Paspalum notatum is a perennial grass which is native to South America, and according to some authors native to Central America and the West Indies...

**Refine by:**

- Geographical Location**
- Language**

**Refine datasheets by:**

- Datasheet type**
- Domain**
- Kingdom**
- Phylum**
- Sub-phylum**
- Class**

**Refine abstracts by:**

- Item Type**

7

Redefine la búsqueda según necesidades, por ejemplo idioma de los artículos.

# Búsqueda

5

Cuadro de búsqueda la cual se puede reducir por hojas de datos, artículos de investigación, cómo identificar las especies y manejarlas, videos, reportes y glosarios.

6

Resultados de búsqueda se ordenan según necesidad de usuario.

**CABI**

## Invasive Species Compendium

Detailed coverage of invasive species threatening livelihoods and the environment worldwide

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- Item Type**

7

Redefine la búsqueda según necesidades, por ejemplo idioma de los artículos.

# Búsqueda

9

Contenido de Hoja de datos

10

Permite la generación de un reporte con los temas de más interés seleccionados

**Datasheet**

**Brenneria salicis (watermark)**

**Index**

- Pictures
- Identity
- Summary of Invasiveness
- Taxonomic Tree
- Notes on Taxonomy and Nomenclature
- Description
- Distribution
- Distribution Table
- Risk of Introduction
- Habitat
- Hosts/Species Affected
- Host Plants and Other Plants Affected
- Growth Stages
- Symptoms
- List of Symptoms/Signs
- Biology and Ecology
- Means of Movement and Dispersal
- Plant Trade
- Wood Packaging
- Impact
- Environmental Impact
- Diagnosis
- Detection and Inspection
- Similarities to Other Species/Conditions
- Prevention and Control
- References
- Distribution Maps

**Summary**

**Last modified**  
10 December 2020

**Datasheet Type(s)**  
Invasive Species  
Pest  
Natural Enemy

**Preferred Scientific Name**  
Brenneria salicis

**Preferred Common Name**  
watermark

**Taxonomic Tree**  
Domain: Bacteria  
Phylum: Proteobacteria  
Class: Gammaproteobacteria  
Order: Enterobacteriales  
Family: Enterobacteriaceae

**Summary of Invasiveness**  
In Japan the pathogen behaves in an invasive manner, spreading rapidly in established stands of willow. It is currently restricted to areas of Hokkaido with a cool climate and this may be a key factor limiting spread. In Europe it has developed into...

[More information](#)

[More information](#)

[More...](#)

**Don't need the entire report?**  
Generate a print friendly version containing only the sections you need.

[Generate report](#)

[Expand all sections](#) [Collapse all sections](#)

**Pictures** [Top of page](#)

**Identity** [Top of page](#)

**Summary of Invasiveness** [Top of page](#)

In Japan the pathogen behaves in an invasive manner, spreading rapidly in established stands of willow. It is currently restricted to areas of Hokkaido with a cool climate and this may be a key factor limiting spread. In Europe it has developed into a destructive epidemic only where large numbers of uniformly susceptible clones have been planted. There is no indication that it is expanding its geographic range within the continent.

# Elaboración de un reporte

11

Selección de temas de interés para el reporte

12

Panel de navegación el cual se utiliza para escoger los temas (pasar de un lado a otro los temas de interés)

Datasheet report for Brenneria salicis (watermark)

KEY: T = Text Section, M = Map, L = List

L: Pictures  
L: Identity  
T: Summary of Invasiveness  
L: Taxonomic Tree  
T: Notes on Taxonomy and Nomenclature  
T: Description  
T: Distribution  
L: Distribution Table  
L: Distribution Table Details  
T: Risk of Introduction  
**T: Habitat**  
T: Hosts/Species Affected  
L: Host Plants and Other Plants Affected  
L: Growth Stages  
T: Symptoms  
L: List of Symptoms/Signs  
T: Biology and Ecology  
T: Means of Movement and Dispersal  
L: Plant Trade  
L: Wood Packaging  
T: Impact  
T: Environmental Impact  
T: Diagnosis  
T: Detection and Inspection  
T: Similarities to Other Species/Conditions  
T: Prevention and Control  
L: References  
M: World  
M: Africa  
M: Asia

All Sections →  
All Maps →  
← Remove Sections  
← Remove Maps

L: Identity  
L: Taxonomic Tree  
T: Habitat

Generate Report

↑  
↓

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Genera el reporte y se muestran los temas que se incluirán

# Invasive Species Compendium

## Datasheet report for *Brenneria salicis* (watermark)

### Identity

[Top of page](#)

#### Preferred Scientific Name

*Brenneria salicis* (Day) Hauben et al.

#### Preferred Common Name

watermark

#### Other Scientific Names

*Bacterium saliciperda* (Lindeijer) Burgvits 1935  
*Bacterium salicis* Day 1924  
*Chromobacterium salicis* (Day) Krasil'nikov 1949  
*Erwinia amylovora* var. *salicis* (Day) Martinec & Kocur 1963  
*Erwinia salicis* (Day) Chester  
*Phytobacterium saliciperda* (Lindeijer) Magrou & Prévot 1948  
*Phytomonas saliciperda* (Lindeijer) Magrou 1937  
*Phytomonas salicis* (Day) Magrou 1937  
*Pseudobacterium salicis* (Day) Krasil'nikov 1949  
*Pseudomonas saliciperda* Lindeijer 1932

#### International Common Names

**English:** vascular; willow wilt; watermark disease of willow; willow vascular wilt; willow watermark disease  
**French:** coloration bactérienne du saule

#### Local Common Names

**Germany:** Wasserzeichenkrankheit: Weide

#### EPPO code

ERWISA (*Erwinia salicis*)

### Taxonomic Tree

[Top of page](#)

Domain: Bacteria  
Phylum: Proteobacteria  
Class: Gammaproteobacteria  
Order: Enterobacteriales  
Family: Enterobacteriaceae  
Genus: *Brenneria*  
Species: *Brenneria salicis*

### Habitat

[Top of page](#)

Watermark disease occurs in both wild and cultivated willow in the lowland areas of several European countries and in natural forest in the mountainous areas of Hokkaido, the northern island of Japan.

Date of report: 30 January, 2021

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Reporte generado el cual permite impresión

Fin de la presentación