

# *Ochrana fytogenofondu*

Vít Grulich

# *Problémy ochrany genofondu ve světě*

- Hot spots druhové diverzity
- Ostrovy
- Starosídelní oblasti



- Kalifornie
- Madreanské lesy
- Karibik
- Střední Amerika
- tropické Andy
- Tumbes-Chocó
- Valdivijský les
- Cerrado
- Atlantický les



Biodiversity Hotspots - Interactive Map - Windows Internet Explorer

http://www.biodiversityhotspots.org/xp/Hotspots/pages/map.aspx

— BIODIVERSITY —  
**HOTSPOTS**

(Use the menu to see all the Hotspots by name.) >>> **HOTSPOTS MENU**

(Move your mouse over each Hotspot to learn more about that region.)



HOTSPOTS EXPLORER

CLOSE WINDOW [X]

Map adapted from NATIONAL GEOGRAPHIC, January 2002

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Hotovo Internet 100%

Mediterrán  
Guinejský les  
Sukulentní Karoo  
Kapsko  
Africký roh  
vA hory  
vA pobřežní les  
Maputaland  
Madagaskar a ok.



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HOTSPOTS | EXPLORER

CLOSE WINDOW [X]

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Kavkaz  
Irano-Anatolie  
Z Ghát a Srí Lanka  
strAs hory  
V Himálaj  
hory JZ Číny  
Číno-Barma  
Japonsko  
Filipíny  
Sundsko  
Wallacea



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- V Melanesie
- Polynesie/
- Mikronesie
- Nová Kaledonie
- Nový Zéland
- JZ Austrálie

# *Problémy ochrany genofondu ve světě*

- Degradace stanovišť
- Invazní druhy
- Nadměrná exploatace
- Přírodní změny
- Změny v dynamice přírodních populací
- Disturbance lidskými aktivitami



# Zachráněné v botanické zahradě I



*Lysimachia minoricensis*  
[www.jardin-mundani.com](http://www.jardin-mundani.com)



*Franklinia alatahama*  
[www.biodiversity.georgetown.edu](http://www.biodiversity.georgetown.edu)



# Zachráněné v botanické zahradě II



**Lotus berthelotii**

[www.biologie.uni-regensburg.de](http://www.biologie.uni-regensburg.de)



**Sophora toromiro**  
[www.botanic-garden.ku.dk](http://www.botanic-garden.ku.dk)

# Nezachráněné



© Rebecca Cairns-Wicks

[www.arkive.org](http://www.arkive.org)



*Nesiotia elliptica*

[www.iucn.org](http://www.iucn.org)



# Alpy

**Artemisia insipida**  
[www.florealpes.com](http://www.florealpes.com)



F. Le Driant / FloreAlpes.com

**Rhizobotrya alpina**  
[www.florasilvestre.es](http://www.florasilvestre.es)



© José Quiñes

# Öland



**Artemisia oelandica**

[www.s-weeds.net](http://www.s-weeds.net)



Foto: Karl-Göran Bringer

**Artemisia oelandica**

[www.linnaeus.nu](http://www.linnaeus.nu)



# Malajsie

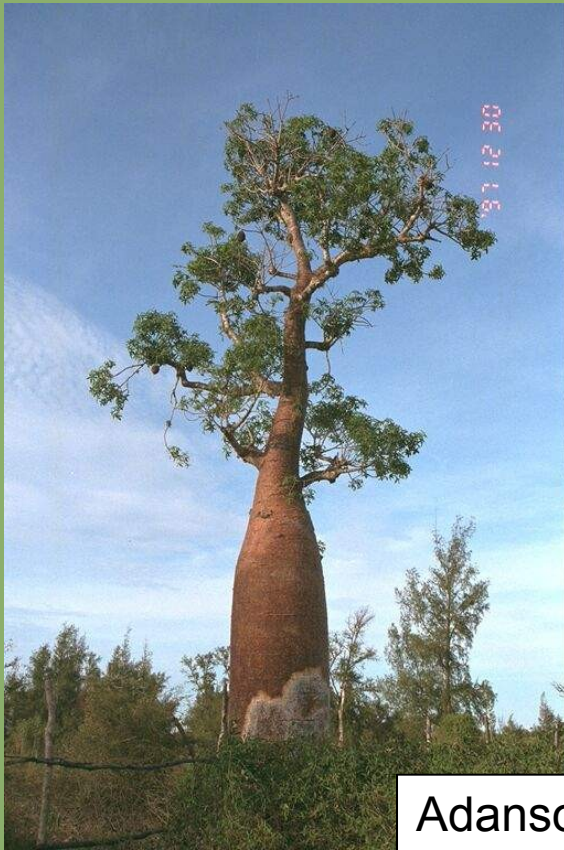


*Parashorea macrophylla*  
[www.arkive.net](http://www.arkive.net)



*Nepenthes edwardsiana*  
[www.omnisterra.com](http://www.omnisterra.com)

# Madagaskar



**Adansonia fony**  
[www.tarim.gen.tr](http://www.tarim.gen.tr)



**Adansonia rubrostipa**  
[www.cbgarden.org](http://www.cbgarden.org)



# St. Helena



[www.arkive.org](http://www.arkive.org)



**Commidendrum robustum**  
[www.globaltrees.org](http://www.globaltrees.org)

# Galapágó



**Erigeron compositus**  
[www.tortoisetours.com](http://www.tortoisetours.com)



**Maytenus octogona**  
[www.tortoisetours.com](http://www.tortoisetours.com)



# Ostrov Juana Fernandez



**Lactoris fernandeziana**  
[www.tela.botanica.org](http://www.tela.botanica.org)

[www.botany.org](http://www.botany.org)





# Hawai

*Argyroxiphium  
virescens*  
Hybrid?  
Art Medeiros

*Argyroxiphium virescens*  
[www.botany.hawaii.edu](http://www.botany.hawaii.edu)



*Cyanea superba*  
[www.botany.hawaii.edu](http://www.botany.hawaii.edu)

*Cyanea superba*  
Campanulaceae  
R. L. Stemmermann



# Hawai



*Hibiscadelphus distans*  
Malvaceae  
© C. H. Lamoureux

**Hibiscadelphus distans**  
[www.botany.hawaii.edu](http://www.botany.hawaii.edu)

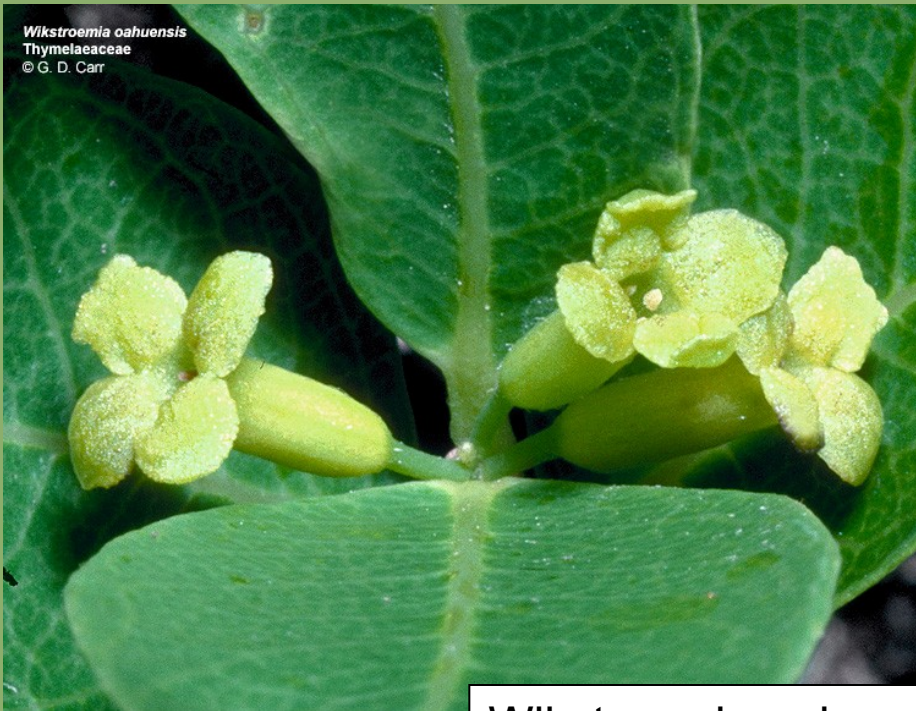


*Melicope clusiifolia*  
Rutaceae  
G. K. Linney

**Melicope clusiifolia**  
[www.botany.hawaii.edu](http://www.botany.hawaii.edu)



# Hawai



*Wikstroemia oahuensis*  
Thymelaeaceae  
© G. D. Carr

*Wikstroemia oahuensis*  
[www.botany.hawaii.edu](http://www.botany.hawaii.edu)



*Wikstroemia oahuensis*  
Thymelaeaceae  
© J. K. Obata