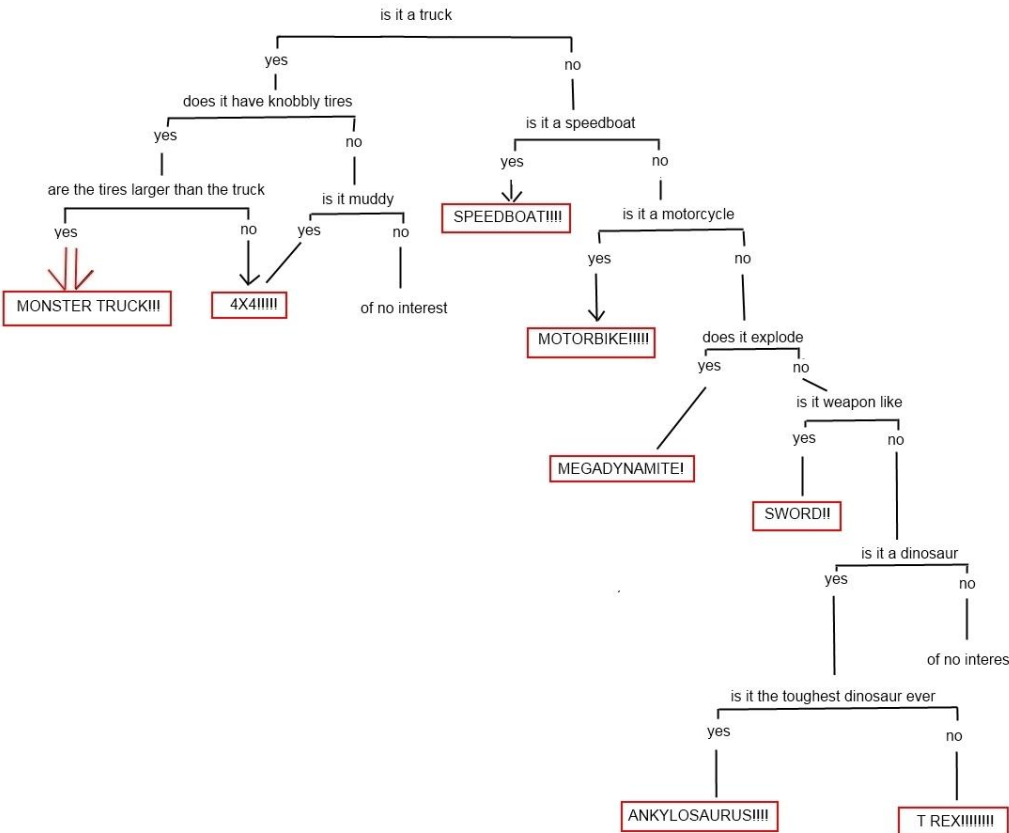


### Example of an Indented Key on *Rhododendron*

- 1a. Flowers in shades of red
- 2a. Flowers blood-red, leaves oblong-ovate, leathery and thick matt texture ..... *R. sikkimense*
- 2b. Flowers crimson-red, leaves broad, oval to elliptic oblong, shiny green above ..... *R. fulgens*
- 1b. Flowers in shades of rose-pink
- 3a. Calyx 3-5 mm long, leaf under surface covered with tufts of brown hair ..... *R. wallichii*
- 3b. Calyx obscure, 1-2 mm long, leaf under surface covered with continuous indumentum
- 4a. Corolla in shades of deep rose-pink flushed externally with red-purple, young leaves aeruginose, leaf margins inrolled ..... *R. aeruginosum*
- 4b. Corolla pale lavender blue, mauve or rose-purple, rarely white, young leaves not aeruginose, leaf margins not inrolled ..... *R. campanulatum*



# Κλείδες ταξινόμησης

# Τι είναι οι κλειδες

- εργαλεία τα οποία χρησιμοποιούνται για την αναγνώριση οντοτήτων (π.χ. οργανισμοί)
- υπάρχουν διαθέσιμες κλειδες για πολλούς οργανισμούς (όπως για φυτά, για ερπετά, για έντομα κλπ)
- υπάρχουν διάφορα είδη κλειδων αναγνώρισης (π.χ. σε ηλεκτρονική/έντυπη μορφή, διχοτομικες/multi-access κλειδες)

# Διαφορετικοί τύποι

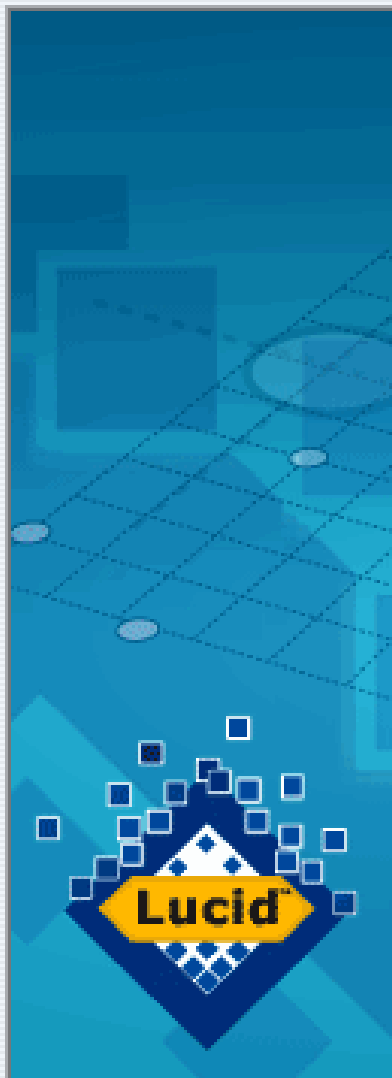
- Διχοτομικές κλείδες
  - <https://caterpillarscount.unc.edu/pdfs/Dichotomous%20Keys%20to%20Arthropod%20Orders.pdf>
- Κλείδες Multi-access
  - <http://keys.lucidcentral.org/key-server/player.jsp?keyId=1>
  - «Key to Insect Orders» για smartphone (Google Play Store)

# Lucid3 – Multi-access keys


- <http://www.lucidcentral.org/>



### Target Path



**Error** ×

 This directory can not be written! Please choose another directory!

**OK**

Select the installation path:

C:\Program Files\Lucid3\_3 



Add Feature

Key Items Media Descriptions

Title

Description

Authors

Options

Features



Entities

Tree View Spreadsheet Scoring Score Analyser

# Ορολογία

- **Entities** = οντότητες
  - Αντικείμενο της κλείδας (π.χ. τα είδη πουλιών της Λέσβου ή διαφορετικά είδη πετρωμάτων)
- **Features** = χαρακτηριστικά των οντοτήτων
  - Γνωρίσματα που ξεχωρίζουν τις οντότητες (π.χ. χρώμα ή μέγεθος)
  - Multistate features
  - Numeric features
  - Grouping features
- **States** = κατάσταση των χαρακτηριστικών
  - Καταστάσεις (π.χ. χρώμα μπλε ή μικρό μέγεθος)



Add Feature   

Key Items Descriptions

Title

Description

Authors

Options

Features

Entities





Add Feature



Key Items Media Descriptions

Title

Description

Authors

Entities

The main workspace area of the application. It features a blue header bar with the text "Entities" and a large, empty white area below it, intended for displaying content or data.

Options

Tree View Spreadsheet Scoring Score Analyser



Add Feature

Key Items Media Descriptions

Title

Description

Authors

Features

Entities

Options

Tree View **Spreadsheet Scoring** Score Analyser

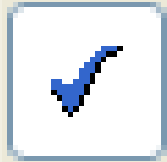
# Scoring - Επιλογή

	Anelotus	Adelotus brevis	Asa	Asa darlingtoni	Bufo	Bufo marinus	Crinia	Crinia deserticola	Crinia parinsignifera	Crinia signifera	Crinia sloanei	Crinia tinnula	Cydorana	Cydorana alboguttata	Cydorana brevipes	Cydorana novaeollandiae	Cydorana platycephala	Cydorana verrucosa	Geocrinia	Geocrinia victoriana
Body																				
Pectoral fold																				
Present	✓	✓	✓				✓		✓	✓	✓									✓
Absent		✓		✓	✓	✓	✓	✓					✓	✓	✓	✓	✓	✓		✓
Dermal brood pouches at																				
Lateral surface of body w																				
Dorsolateral fold																				
Lateral surface of body h																				
Present	✓	✓	✓	✓			✓		✓	✓		✓	✓	✓	✓			✓	✓	
Absent		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Tibial glands reddish-oran																				
Groin region																				

Feature name: Legs  
Entity name: Kyarranus kundagunga

Tree View    Spreadsheet Scoring

# Scoring - Επιλογή



- *Common* - the state occurs commonly (or always) in the entity.
- *Rare* - the state occurs rarely in the entity.
- *Uncertain* - it is not known whether the state occurs in the entity or not
- *Common and Misinterpreted* - the state does not occur in the entity, but it could be commonly misinterpreted that it does.
- *Rare and Misinterpreted* - the state does not occur in the entity, but it could be misinterpreted that it does, though only rarely.
- *Absent* - the state does not occur in the entity.
- *Not Scored* - all states of the feature are not scored and will not be scored for the entity.



Add Feature

Key Items Media Descriptions

Title

Description

Authors

Features

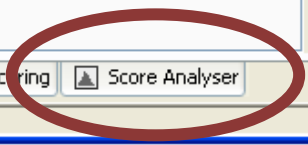
Entities

Options

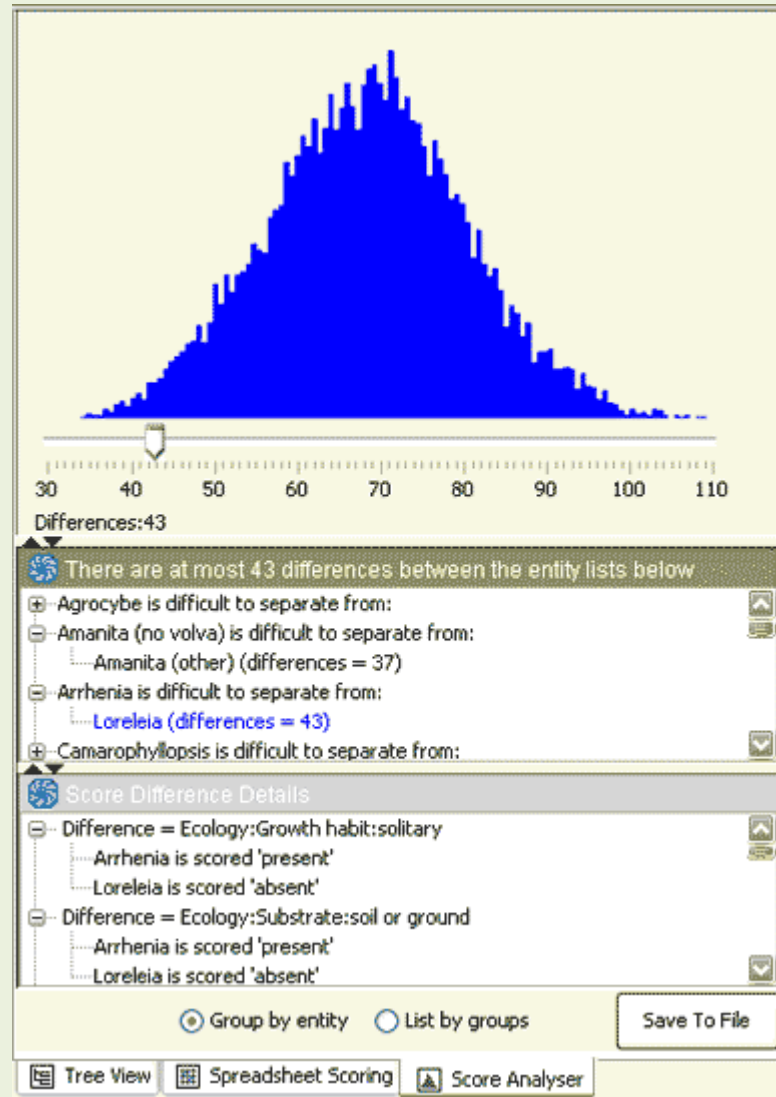
Tree View

Spreadsheet Scoring

Score Analyser



# Score analyser



# Lucid3 Help

- <C:\Program Files\Lucid3 3\help\builder\help\default.htm>

# Key to the invertebrates

- Διχοτομική κλείδα
  - [http://www.ento.csiro.au/education/key/couplet\\_01.html](http://www.ento.csiro.au/education/key/couplet_01.html)



# Key to the insects

- Διχοτομική κλείδα:
  - [http://www.amnh.org/learn/biodiversity\\_counts/ident\\_help/Text\\_Keys/arthropod\\_keyA.htm](http://www.amnh.org/learn/biodiversity_counts/ident_help/Text_Keys/arthropod_keyA.htm)
- Κλείδα Multi-access
  - [http://www.discoverlife.org/mp/20o?guide=Insect\\_orders](http://www.discoverlife.org/mp/20o?guide=Insect_orders)
  - <http://keys.lucidcentral.org/key-server/player.jsp?keyId=1>

# Ομάδα 1



Άννα



Βασίλης



Πέτρος



Ιωάννης



Αναστάσιος



Βασιλική



Γιώργος



Λευτέρης



Αντωνία



Κώστας



Ελευθερία



Πάνος



Δημήτρης



Αφροδίτη



Χρίστος

# Ομάδα 2

## Summer fruits / fruits list



*apricot*



*blackberry*



*figs*



*mango*



*berry*



*plums*



*cantaloupe*



*casaba melon*



*nectarine*



*currants*



*grapes*



*huckleberries*



*gooseberry*



*strawberry*



*cherry*



*guava*



*papaya*



*asian pears*



*watermelon*



*honeydew melon*

# Ομάδα 3

