

Miró



The NextGen ALA and Identification

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Herbarium

Mika

The background is a vibrant, abstract painting by Joan Miró. It features a light blue background with various organic and geometric shapes. A large, bright red circle is in the upper right. A green triangle with a red dot and black whiskers is in the upper center. A black and red shape is in the upper left. A large, pale yellow eye-like shape with concentric circles is in the center. A large, pinkish-red shape is to its right. A large, light blue eye-like shape is on the right side. A blue circle is in the lower left. A red triangle with a black shape above it is in the lower center. The painting is signed 'Miró' in the bottom right corner. A white rectangular box is overlaid on the center of the painting, containing the text 'Next Gen?'.

Next Gen?



Next Gen?

Gen. 1: Herbarium and museum databases



Next Gen?

Gen. 1: Herbarium and museum databases

Gen. 2: AVH/OZCAM/ERIN



Next Gen?

Gen. 1: Herbarium and museum databases

Gen. 2: AVH/OZCAM/ERIN

Gen. 3: Current ALA



Next Gen?

Gen. 1: Herbarium and museum databases

Gen. 2: AVH/OZCAM/ERIN

Gen. 3: Current ALA

Gen. 4: The ALA we're planning now

Identification?





Identification?

An identification process: any process that starts with a long list of possible taxa and ends up with a shorter list of possible taxa

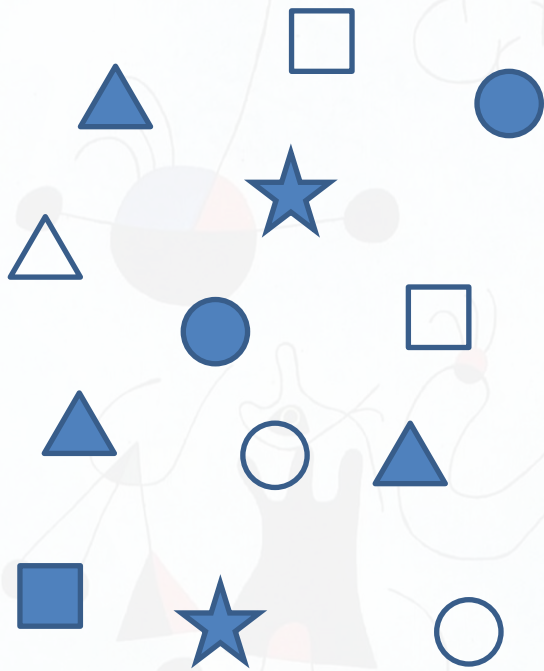


Identification?

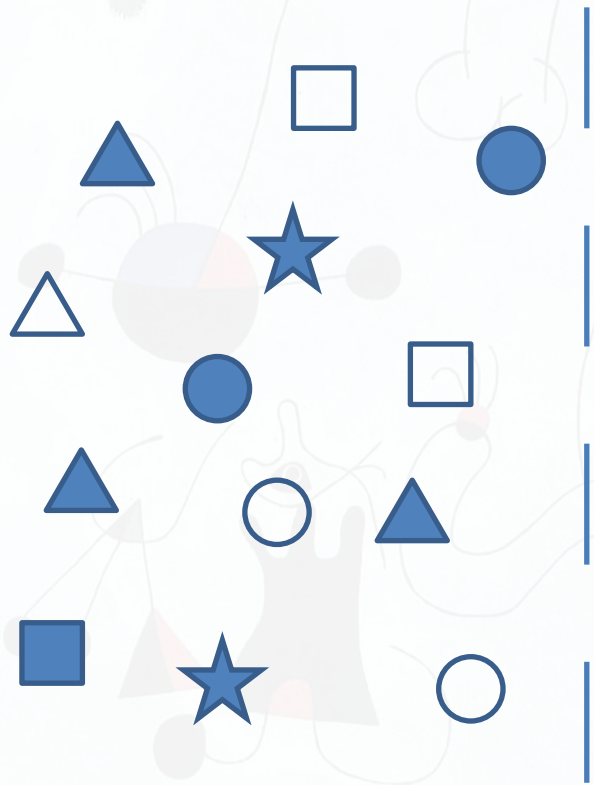
An identification process: any process that starts with a long list of possible taxa and ends up with a shorter list of possible taxa

An identification: a series of identification processes that results in a single possible taxon (at any rank)

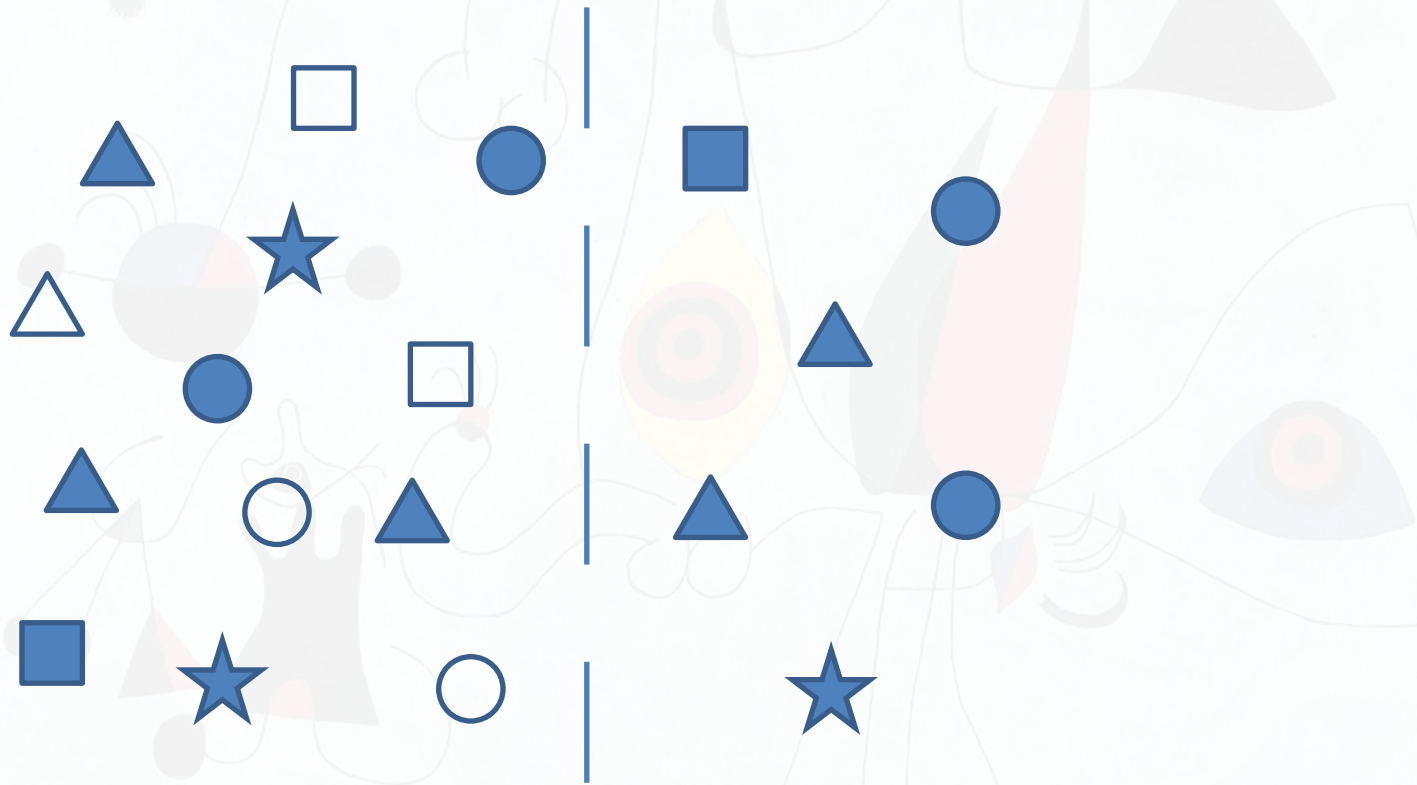
Identification?



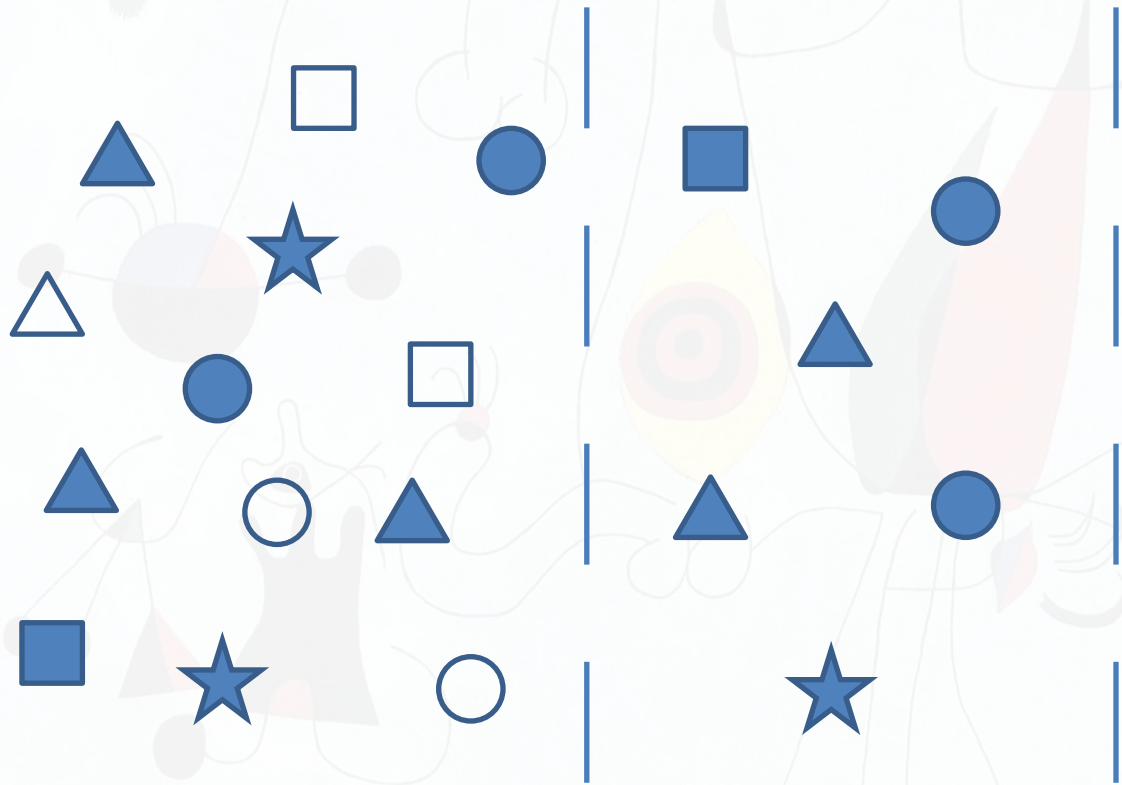
Identification?



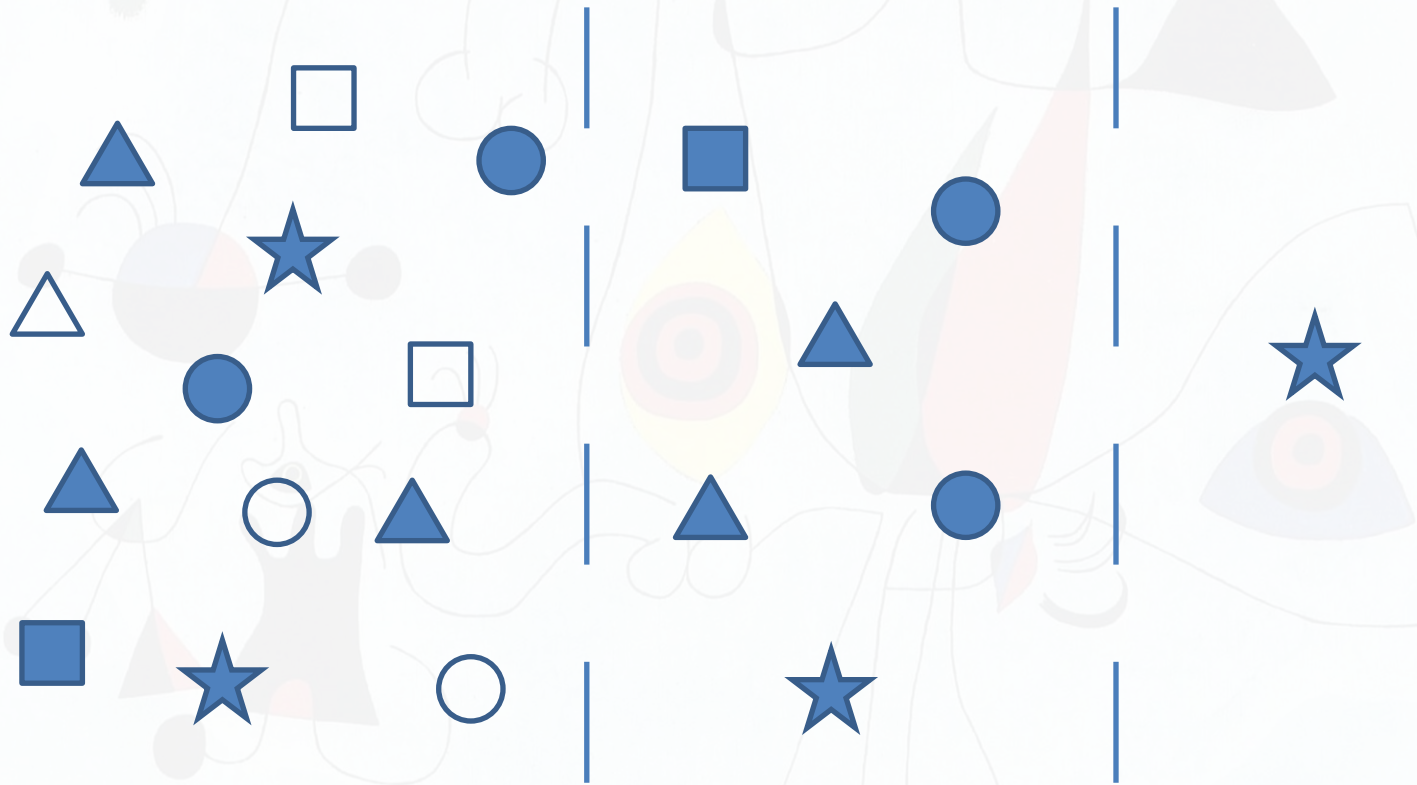
Identification?



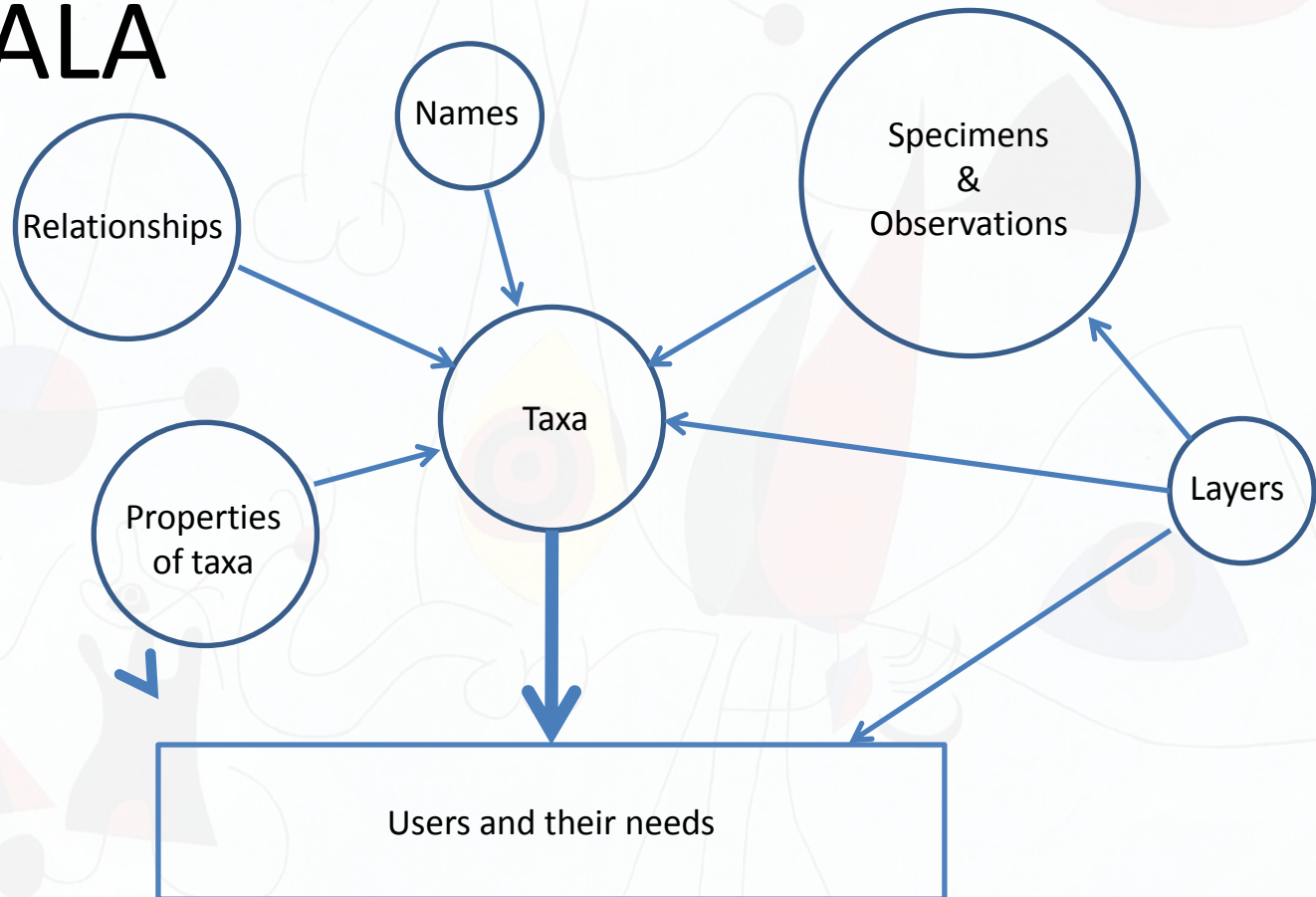
Identification?



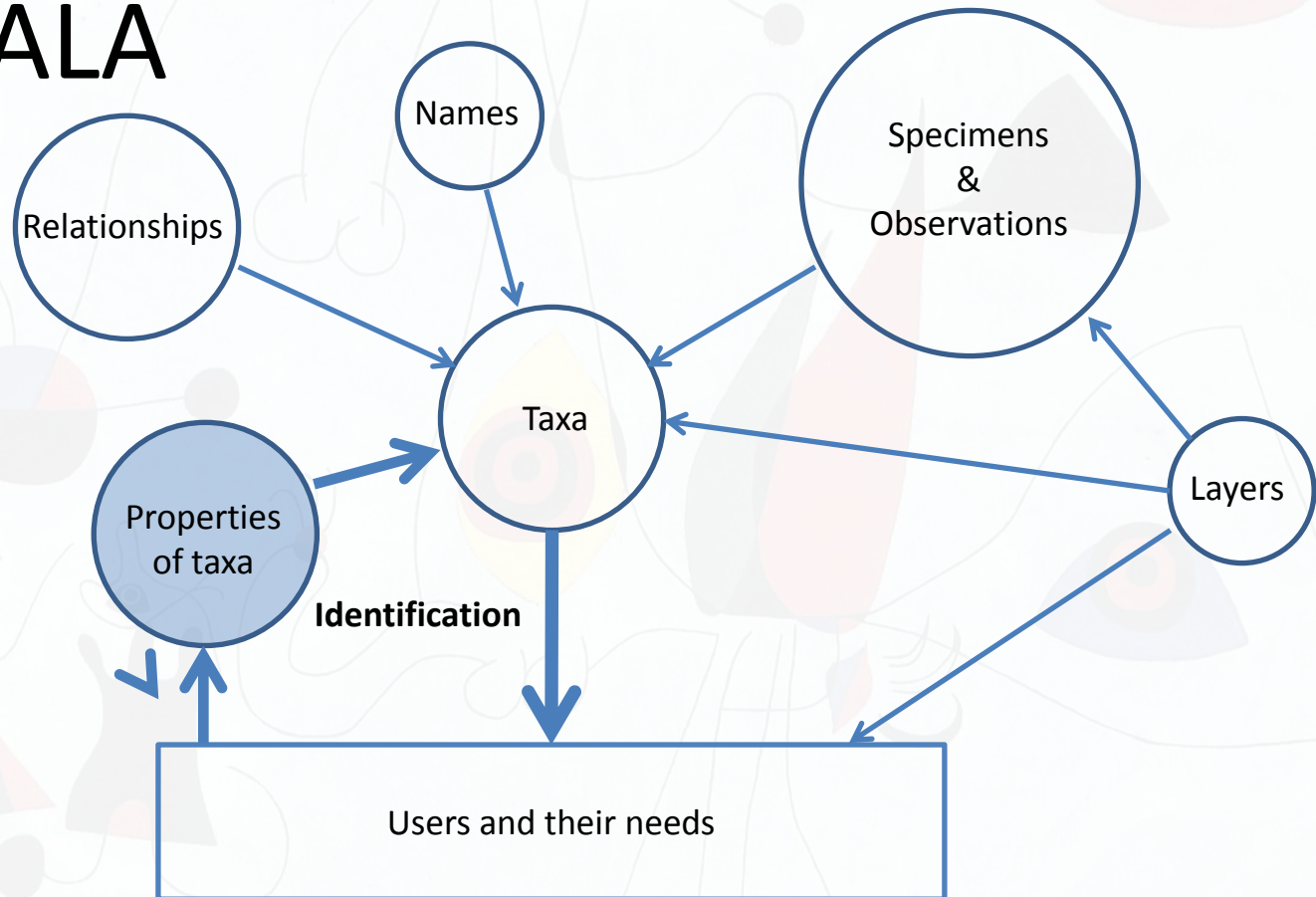
Identification?



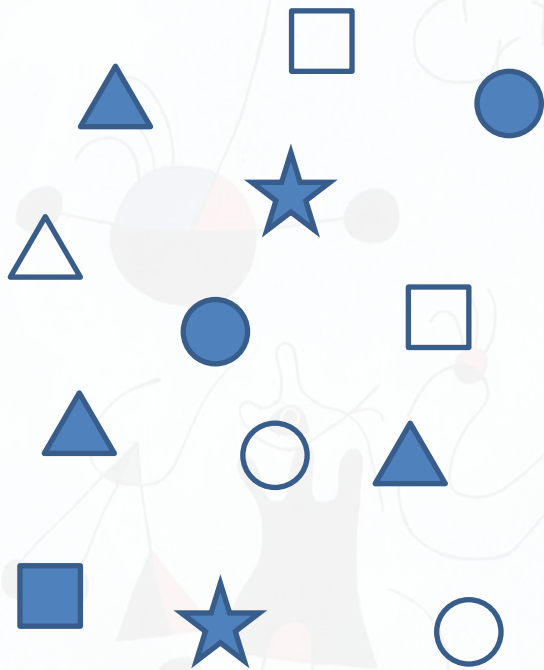
The ALA



The ALA



Identification?



Geographic query

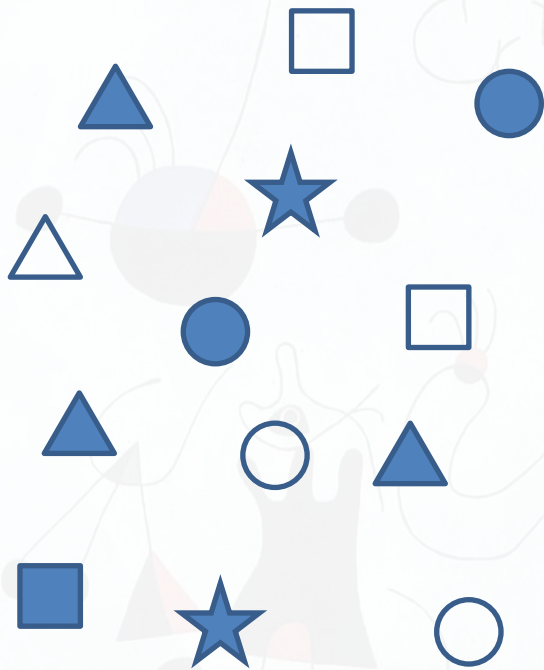
Dichotomous key couplet

Random-access key character

Genetic Blast search

Image matching

Identification?



Geographic query



KeyBase

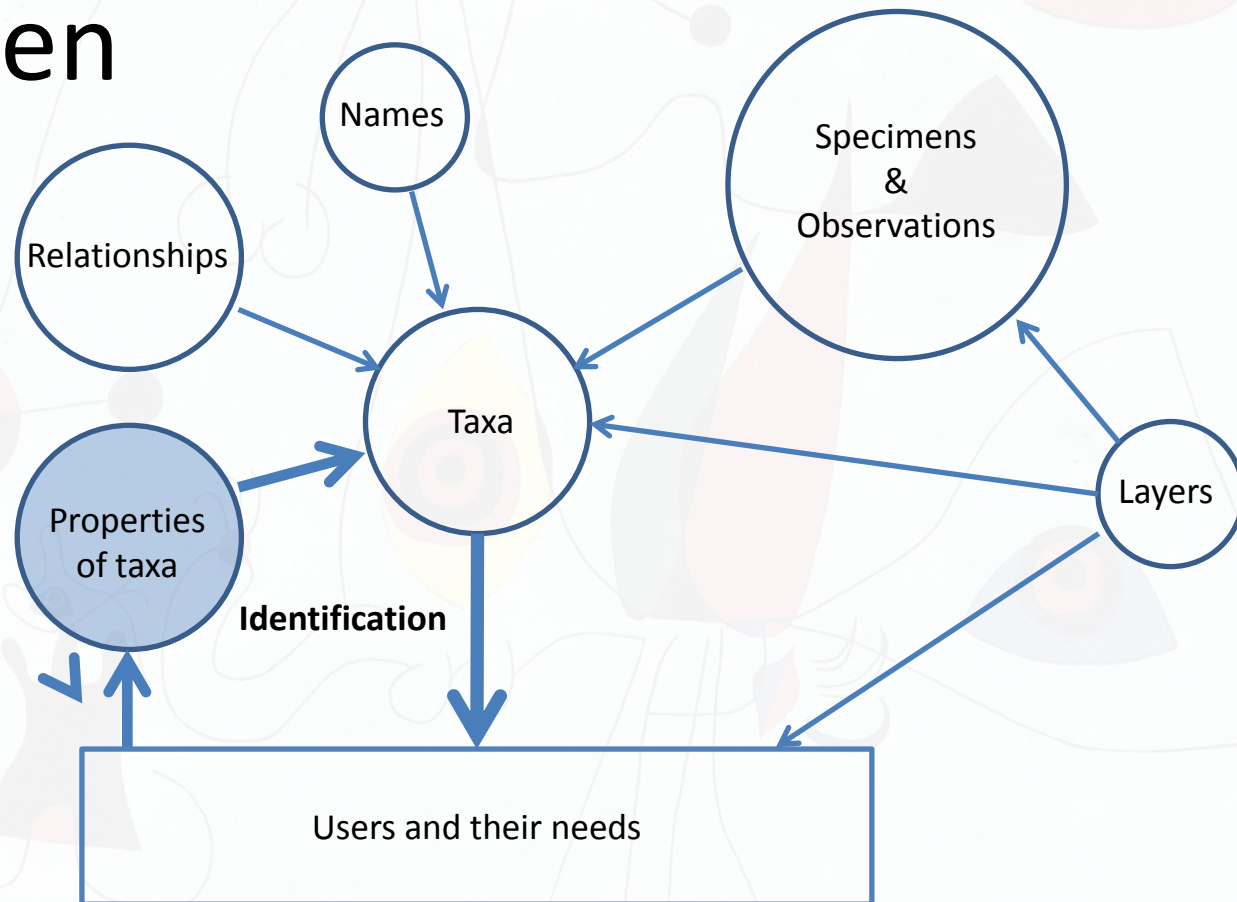


IdentifyLife

Genetic Blast search

Image matching

NextGen ALA?

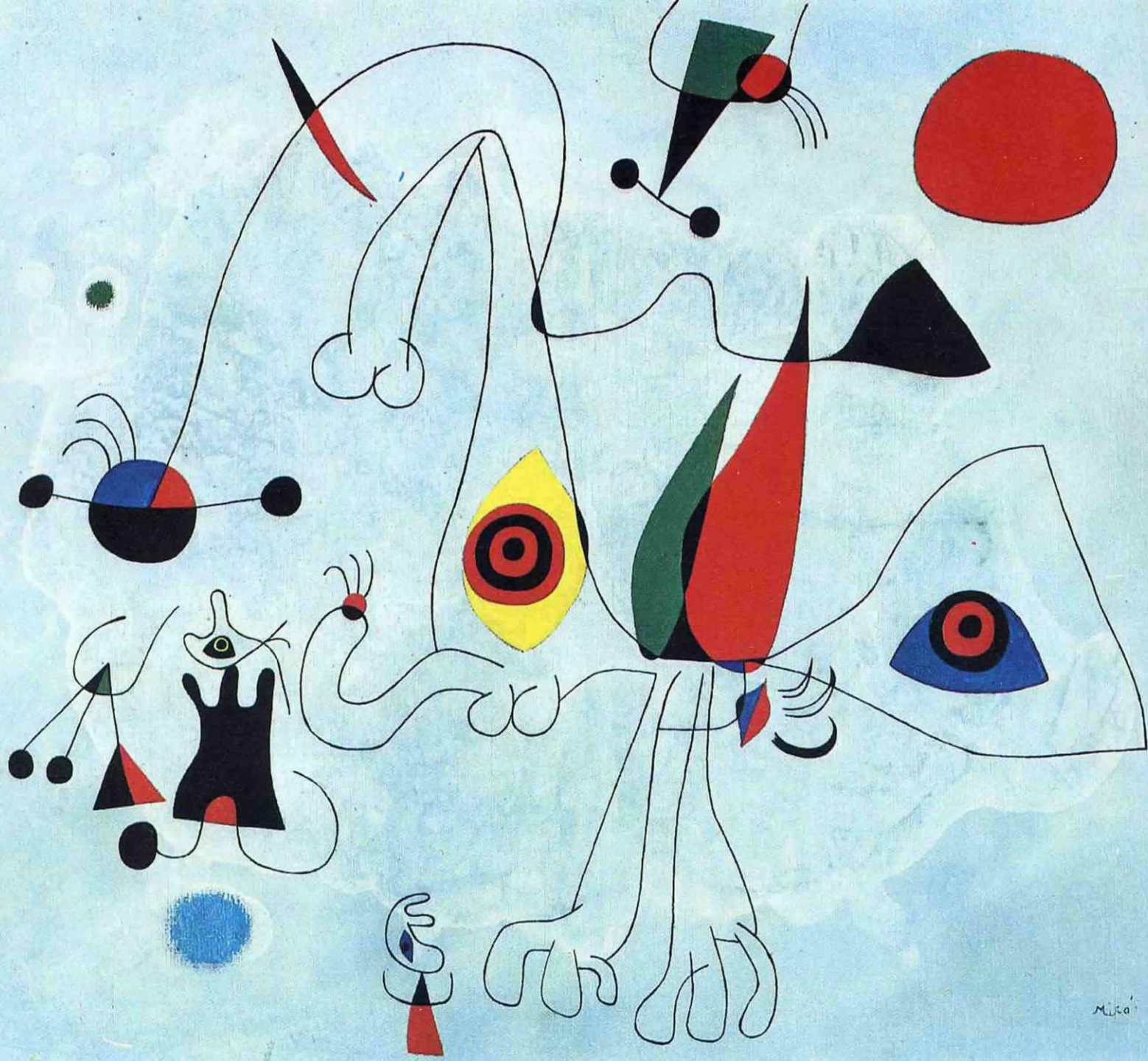


Identification as pedagogy



Identification as pedagogy





Miró