Collection Pests Data Diagram

OBSERVATIONS

ID	Unique to each observation
Trap ID	Which trap?
Pest ID	What Pest
Inspected	Date of inspection
Count	How many pests
Stage	What stage of pest
Notes	
Date Entered	When entered in db

TRAPS

ID	Unique to each trap
Trap. Name or other identifier	
Installed	date installed
Lifeindays	How long to leave it out
Check Interval	Check every x days
Removed	when taken out of service
Notes	
Photo?	
Site	ie: East Campus West Campus
Building	
Floor	
Room	
Area	
Mapid	associated to which map?
X	x position on map
Y	y position on map

PEST TABLE

ID	Unique to each pest
Common	common name
Scientific	
Risk	
Eco Type	
Order	
Photo ?	0 if none else 1
Citation	
Notes	

STAGE

ID	unique to each stage
Stage	

RISK

ID	unique to each risk
Risk	

ECO TYPE

ID	unique to each type
Type	

ORDER

ID	unique to each order
Order	

MAPS

ID	unique to each map
Map Name	
Image	

ICON LIST

ID	unique to each icon
Mapid	which map is it on?
Left	location
Top	location
Notes	
Icon	show which icon

Collections Pests use a relational database system, some versions us MS Access, some MYSQL.
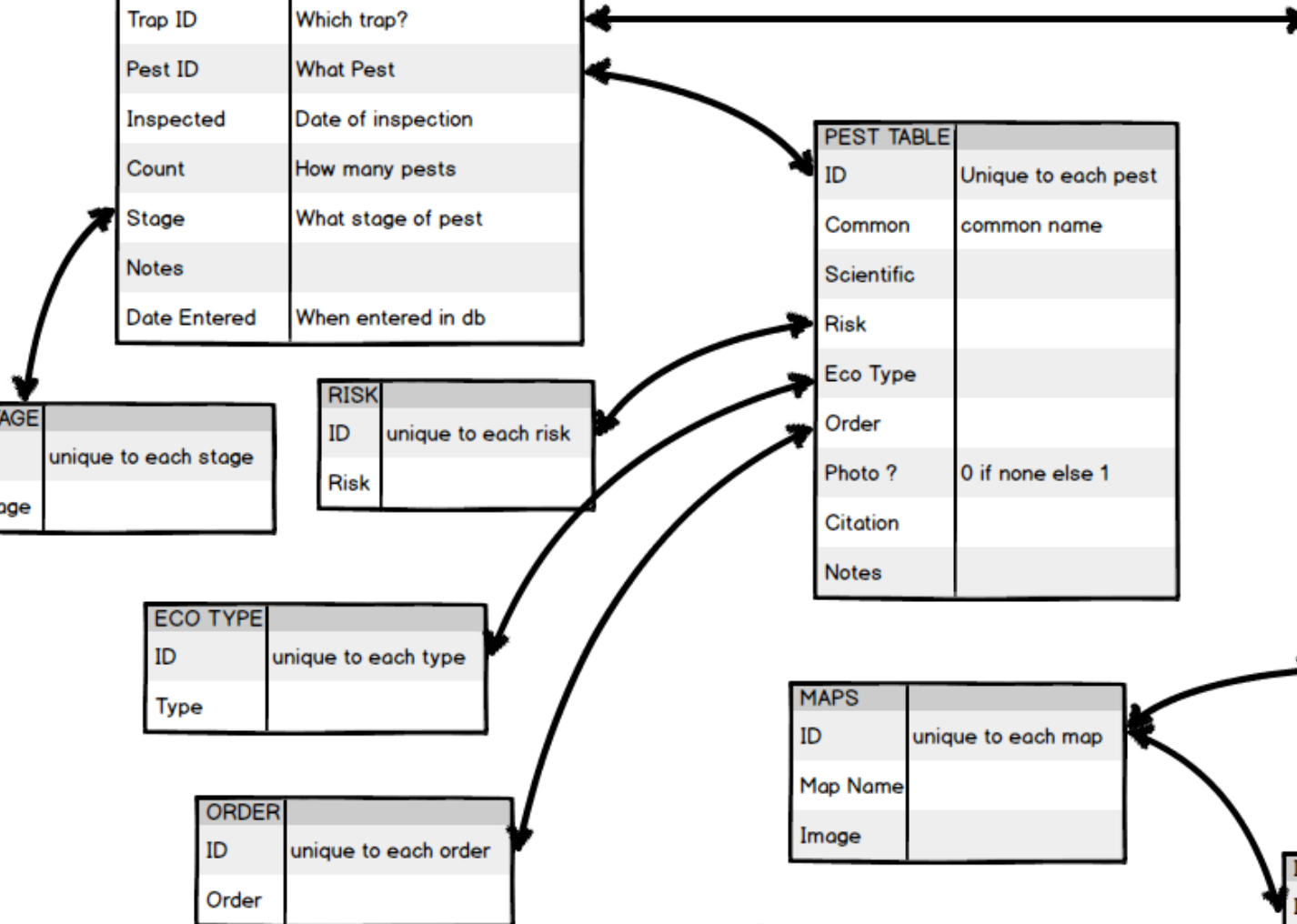
ZPEST Data Diagram

ZPESTS

Trapnum

Area

Location

Inspected

Common

Latin

Count

Lifestage

Eco type

Notes

PEST LIST

Common

Latin

Ecotype

Notes

ECO TYPE

Type

Zpests doesn't use a true database. It uses CSV files (Excel type) as it's storage.

When the program starts it reads the CSV files and loads them into a temproary, memory based database.

The PEST LIST and ECO TYPE files are used to populate the dropdowns - this helps with consistancy of labeling.