

Entity	Attributes	Keys
Enclosure	Enclosure Number (Unique), Habitat Type, Size (square metres), Main Feature	Enclosure Number (Primary Key)
Animal	Animal ID (Unique), Name, Date of Birth, Diet, Description, Start Date (in Enclosure), End Date (if moved)	Animal ID (Primary Key), Enclosure Number (Foreign Key)
Species	Species Name, Description, Habitat Type	Species Name (Primary Key)
Compatibility	Species A, Species B, Compatibility Rating (1-5)	Species A and Species B (Composite Primary Key)
Zoo note	Animal ID, Date, Note	Animal ID (Foreign Key), Date (Primary Key)
Max animals	Species Name, Enclosure Number, Maximum Number of Animals	Species Name (Foreign Key), Enclosure Number (Foreign Key), Max Animals (Attribute)

### Relationships:

- Animal-to-Enclosure: Many-to-One
- Animal-to-Species: One-to-One
- Species-to-Enclosure: Many-to-Many
- Species-to-Compatibility: Many-to-Many
- Zoo Note-to-Animal: One-to-Many