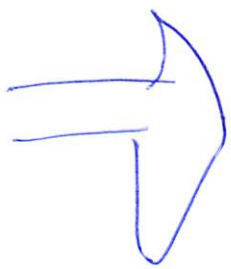
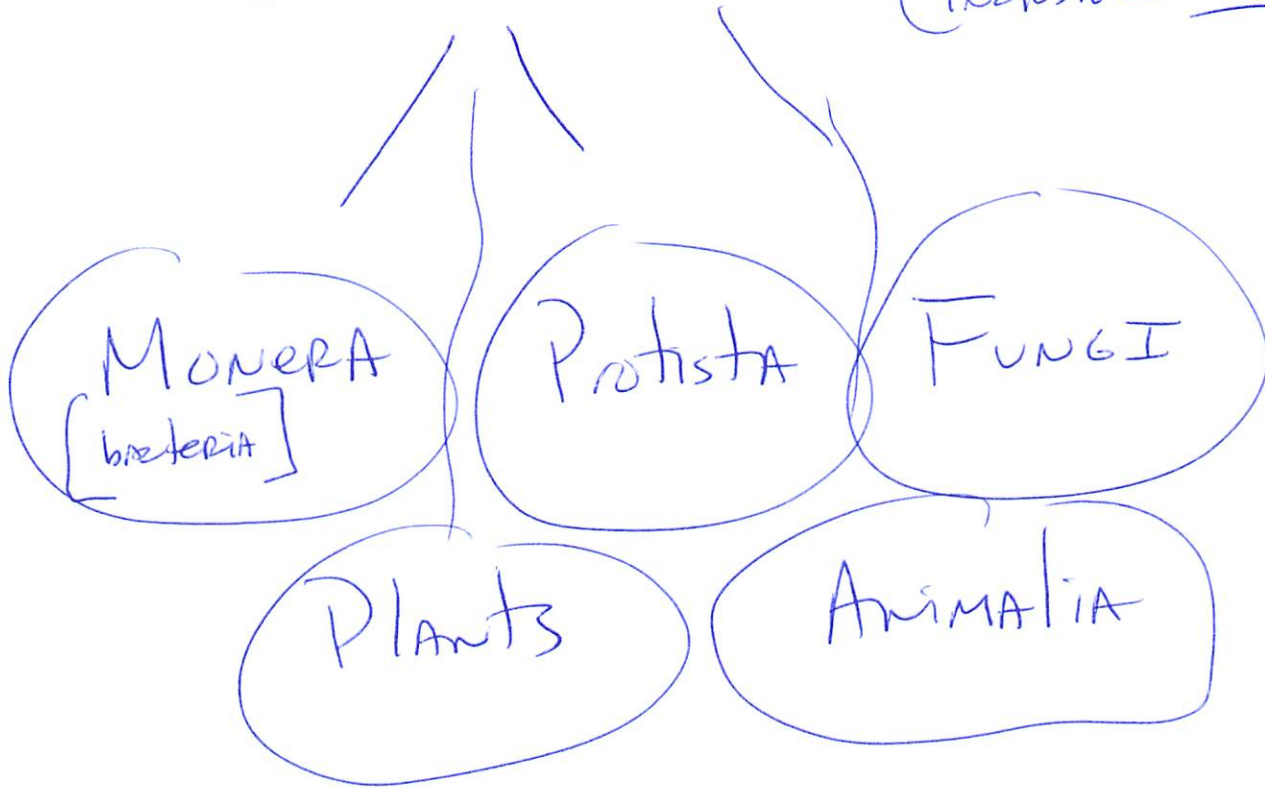


Old System

5 KINGDOMS

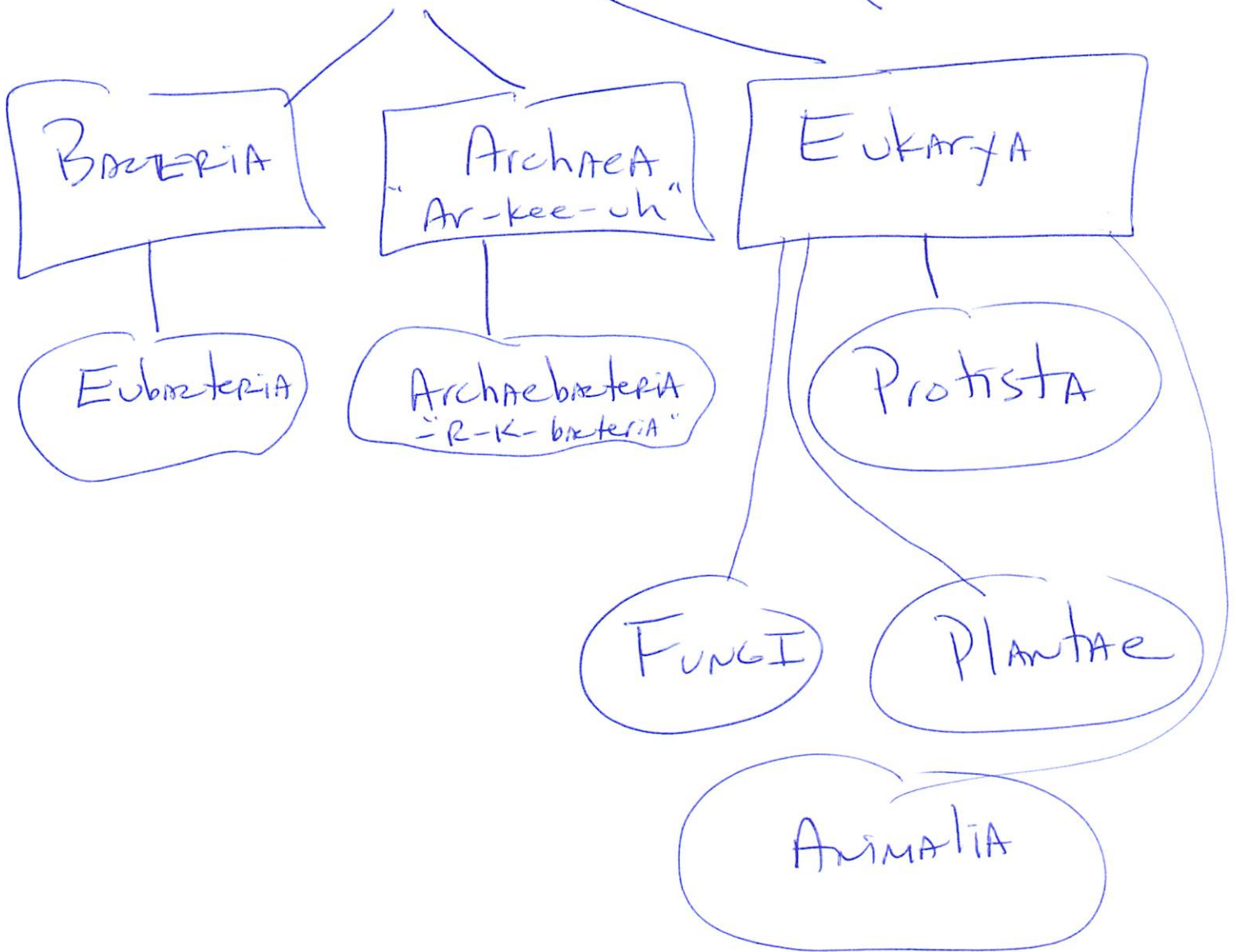
(WITH "KINGDOM"
being the most
inclusive TAXON)



NOW, it's been
replaced

Three Domain System

(with "DOMAIN" being the biggest)



So we now have 6 KINGDOMS
placed in 3 domains !!

KINGDOM PROTISTA

- A taxonomic "junk drawer"

Plant-Like

"Euglena"
- chloroplasts
and flagella (!!!)

- Dinoflagellates
"Phytoplankton"
1/2 of photosynthesis

↓
"Algal blooms"

↓
Multi-cellular
Algae

↓
Brown Algae
(kelp)

↓
Red Algae

↓
Green Algae

* believed to be ancestors of Plant Kingdom

Fungus-like lack cell walls

↓
Slime
Molds

↓
Water
Molds

Animal-Like

↓
used to be
called PROTOZOANS

• zooflagellates
- animal-like; swim
with flagellum tail

• "SARCOIDINES"
- use "pseudopodia"
- like Amoebas

• "ciliates"
- use cilia; like
PARAMECIUM

• Sporozoans
- parasitic
- like plasmodium
(malaria)