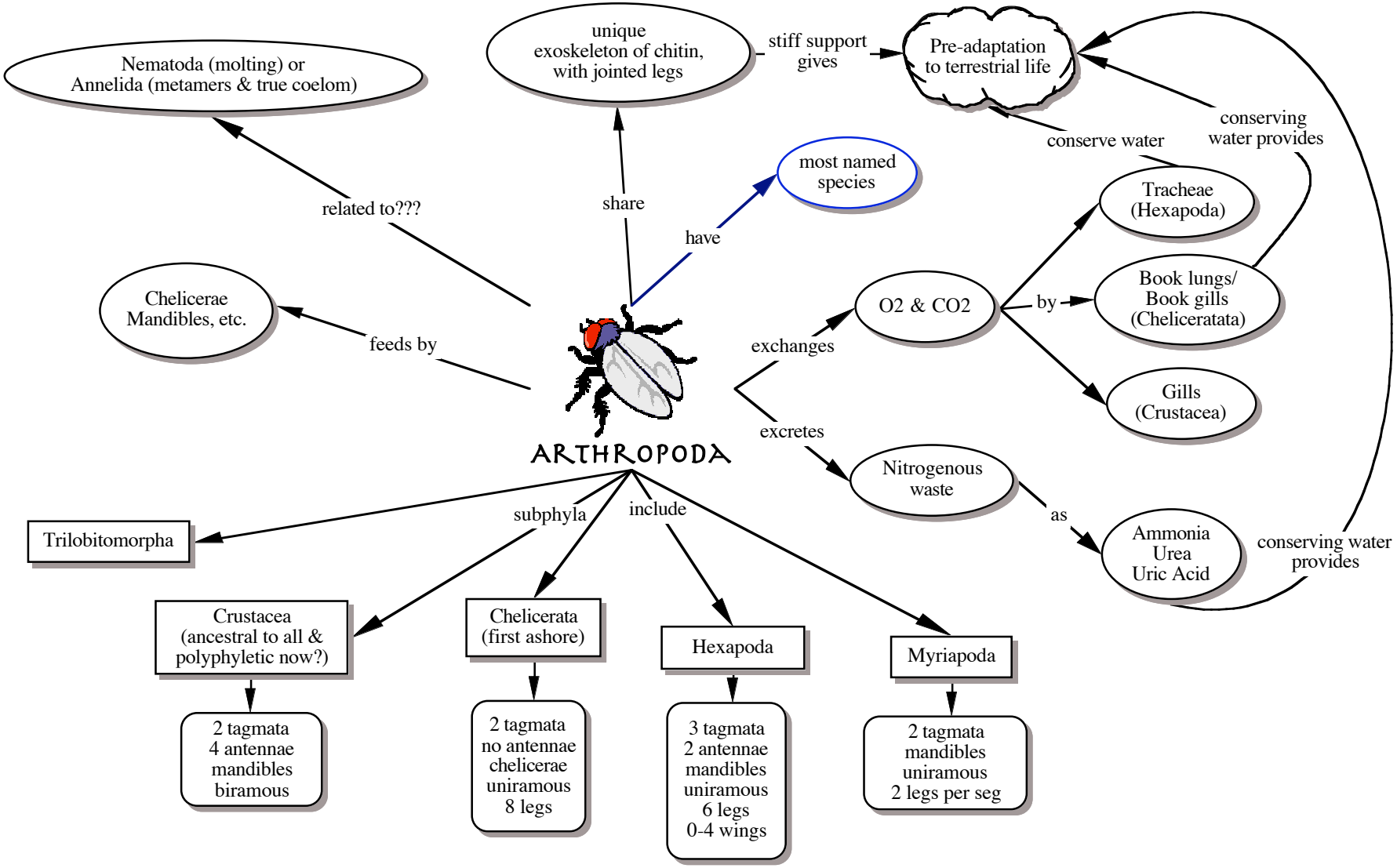
Nematoda (molting) or
Annelida (metamers & true coelom)
unique
exoskeleton of chitin,
with jointed legs
stiff support
gives
Pre-adaptation
to terrestrial life
conserving
water provides
conserve water
most named
species
related to???
share
have
Tracheae
(Hexapoda)
Chelicerae
Mandibles, etc.
feeds by
O2 & CO2
by
Book lungs/
Book gills
(Cheliceratata)
exchanges
Gills
(Crustacea)
excretes
ARTHROPODA
Nitrogenous
waste
as
Ammonia
Urea
Uric Acid
conserving water
provides
subphyla
include
Trilobitomorpha
Crustacea
(ancestral to all &
polyphyletic now?)
Chelicerata
(first ashore)
Hexapoda
Myriapoda
2 tagmata
4 antennae
mandibles
biramous
2 tagmata
no antennae
chelicerae
uniramous
8 legs
3 tagmata
2 antennae
mandibles
uniramous
6 legs
0-4 wings
2 tagmata
mandibles
uniramous
2 legs per seg