

WITRB turbidity of J.C.
 and diversity of AMI's?
 ↳?
 Count AMI's: #

~~35~~ ~~20~~
~~5 species~~ ~~2 species~~

5 species		6 species	
species #			
1	20	1	39
2	15	2	1
3	11	3	1
4	31	4	1
5	17	5	1
		6	1

Simpson's Diversity Index:

Find the number of each AMF –
how many mayflies, stoneflies, etc.

stoneflies	7	$(\frac{7}{24})^2$.09
mayflies	4	$(\frac{4}{24})^2$.03
dragonflies	13	$(\frac{13}{24})^2$.29
total	24		<u>.41</u>

Find the total

of organisms

Find the fraction
of the total that
each group has

Square it

Find the total
again

