

# Why Fish? An Example of Successful Usage of the Internet

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# Overview

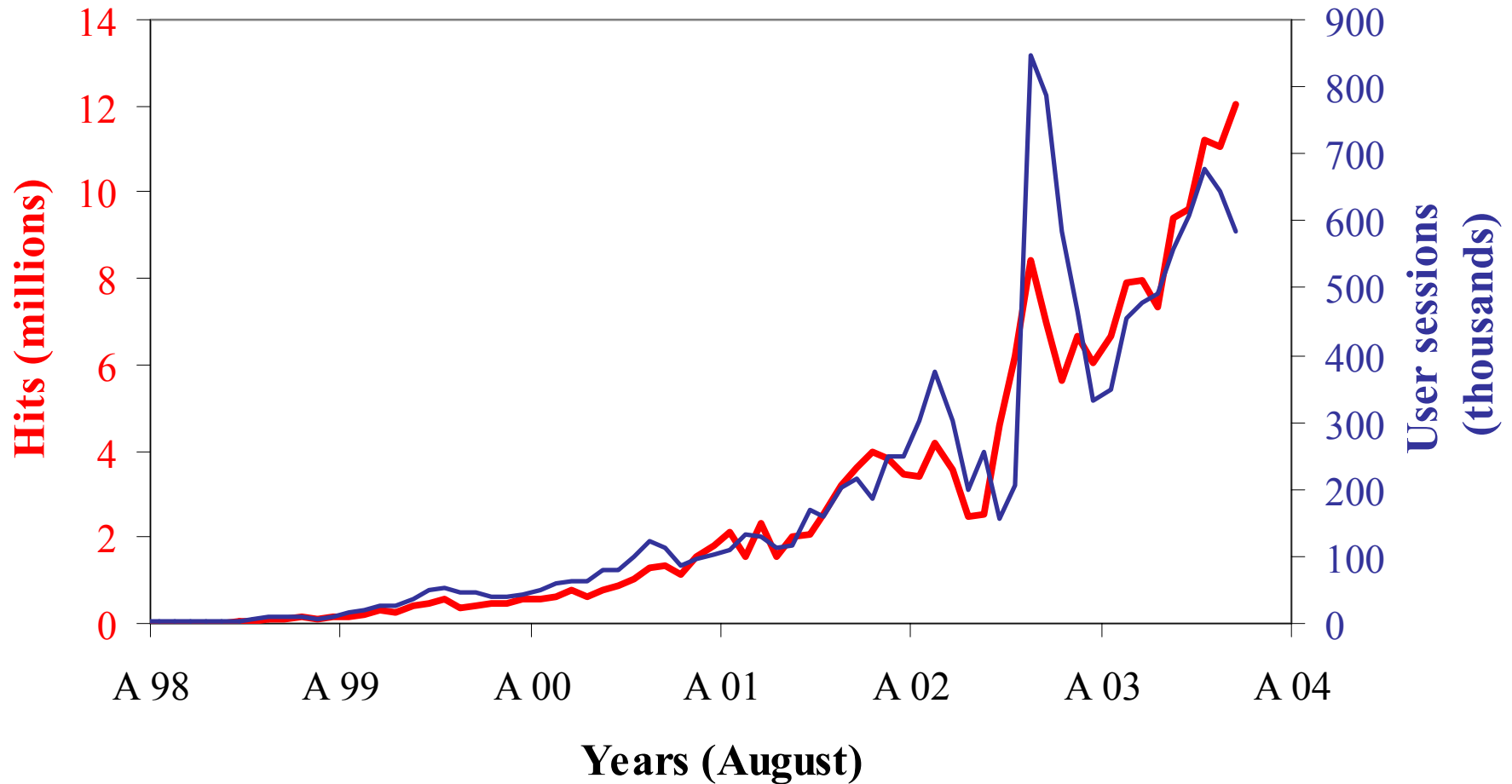
- FishBase: All About Fish
- Some Statistics
- Some Science: What are Migratory Fish?
- Discussion

# FishBase: All About Fish

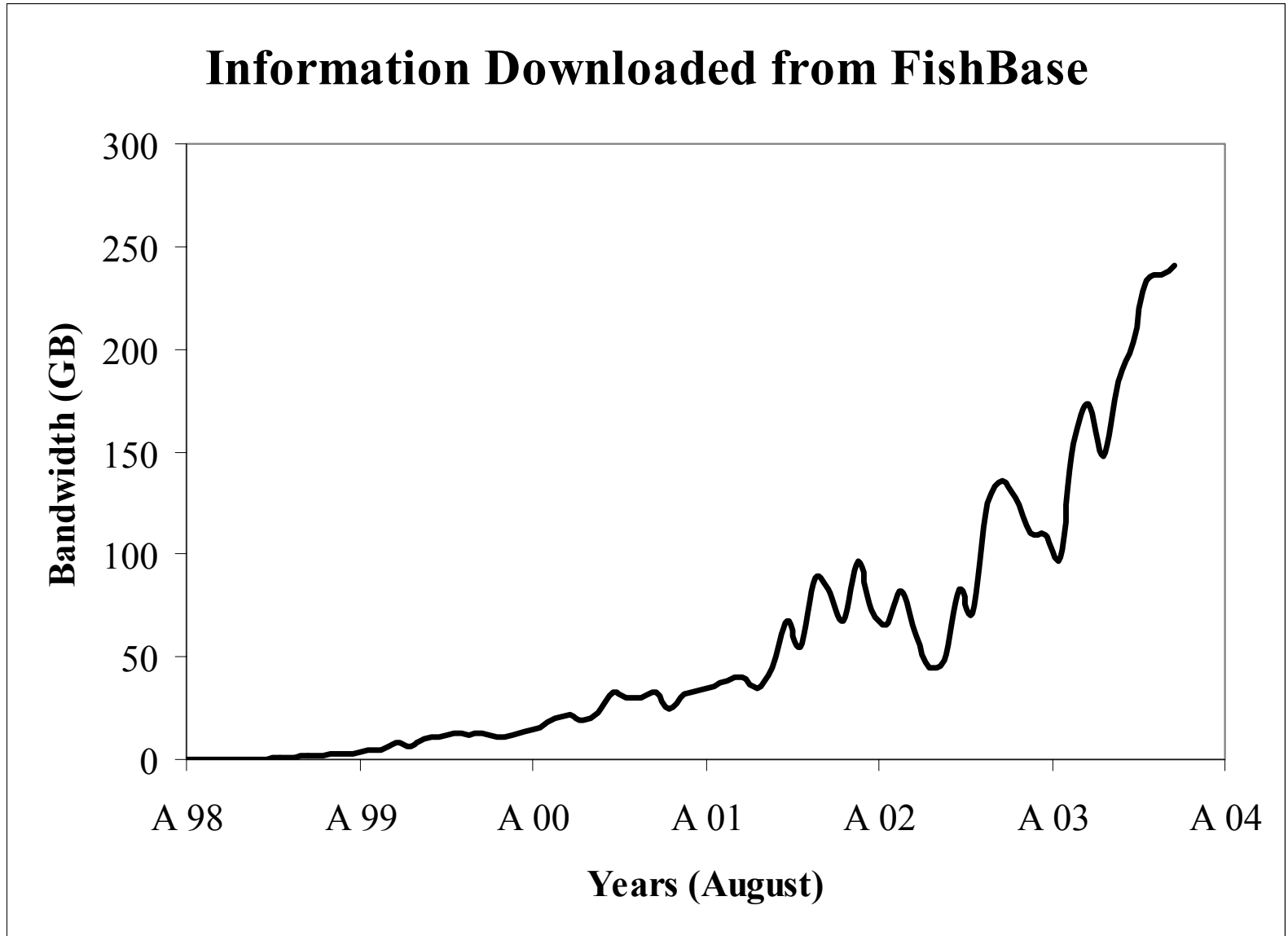
- FishBase Search Page [>>](#)
- Species Summary Page [>>](#)
- Guest Book [>>](#)
- FishWatcher [>>](#) [>>](#) [>>](#)
- Attach Your Web Site [>>](#)
- Fish Forum [>>](#)

# Some Statistics

## FishBase Usage over Time

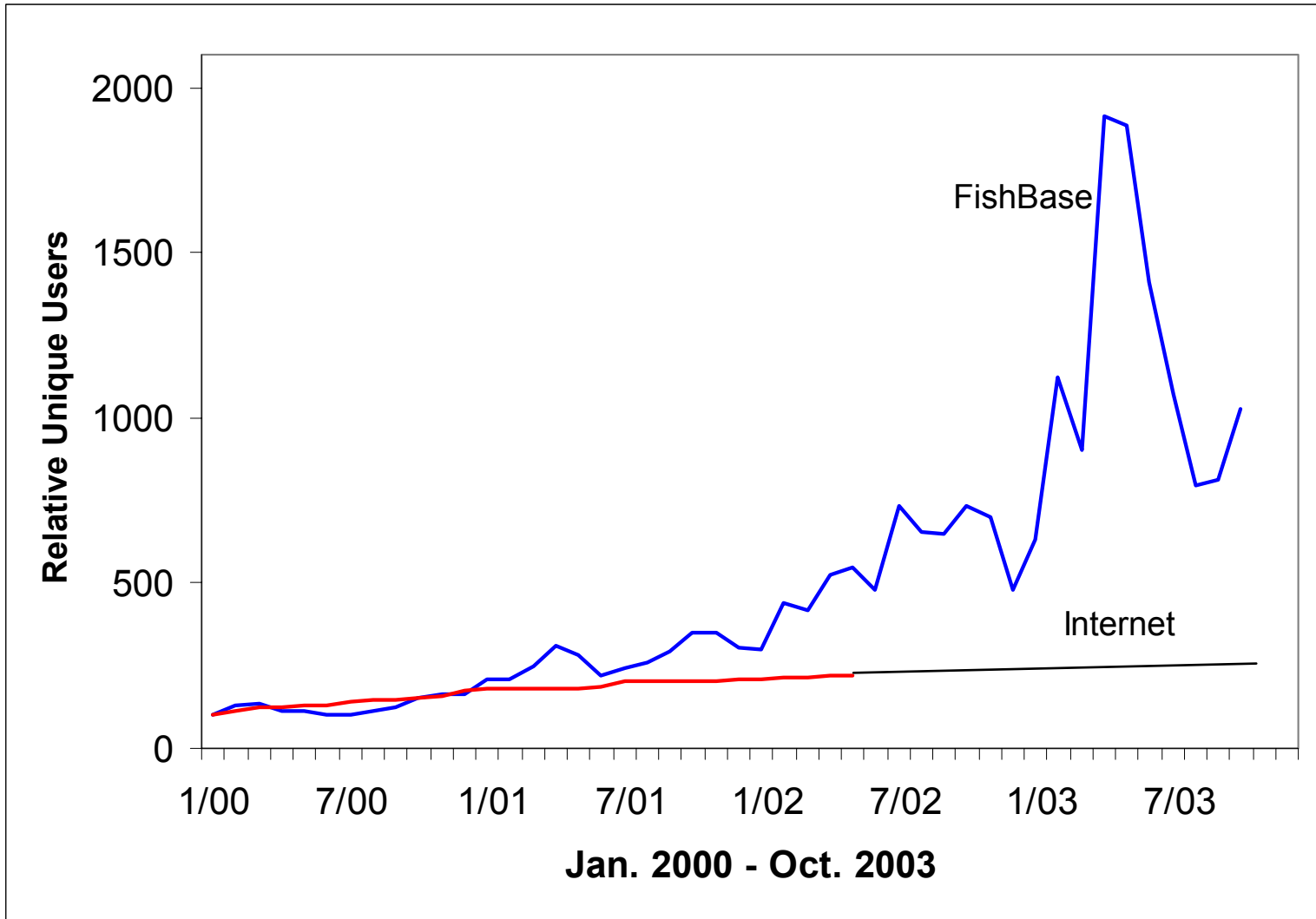


# Some Statistics



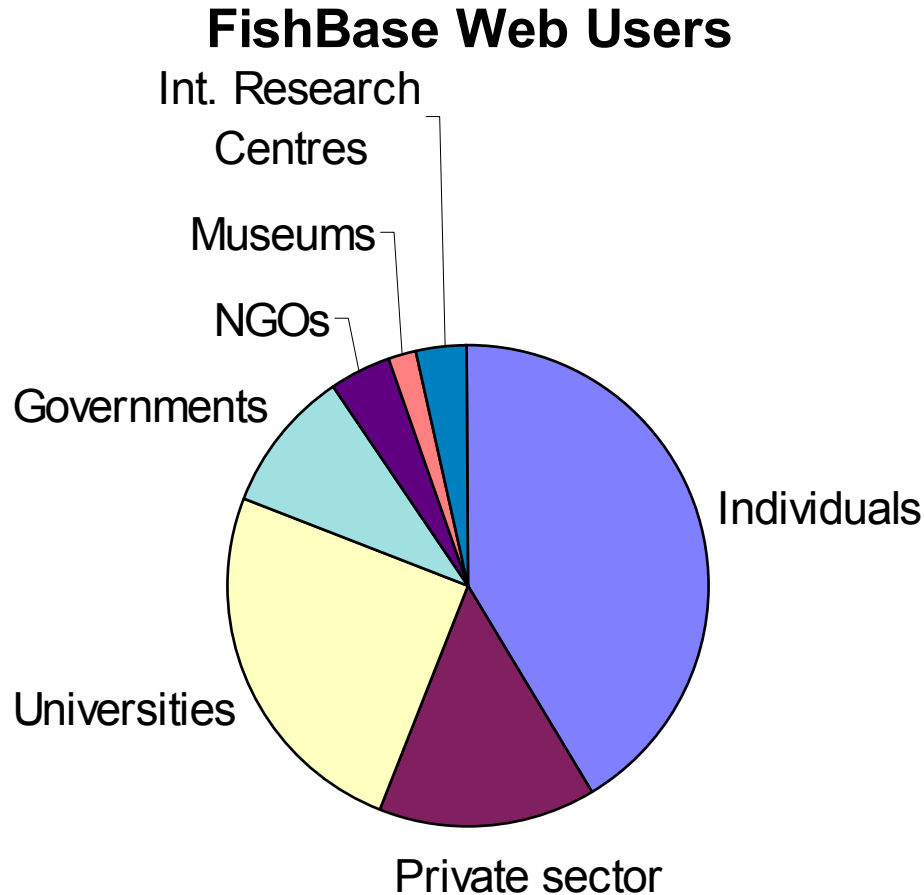
# Some Statistics

## FishBase vs Internet Usage



Source for Internet growth: NIIA Internet Services

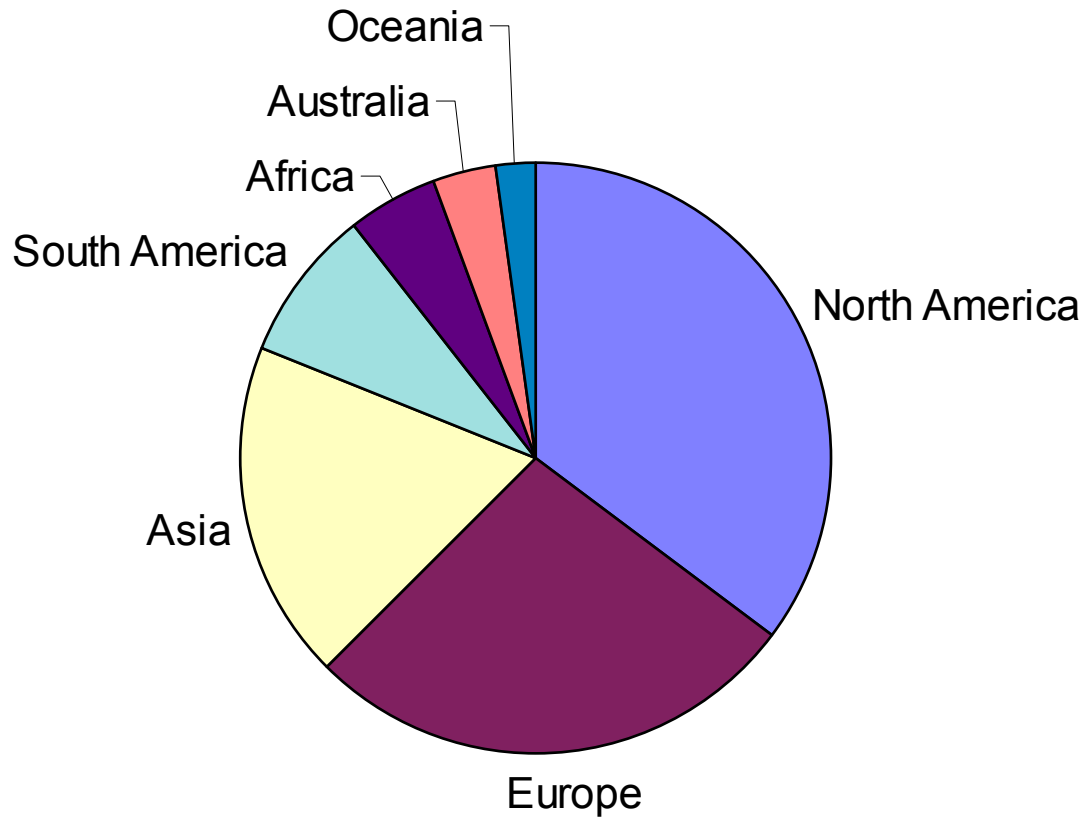
# Some Statistics



Based on >1500 entries in the FishBase Guest Book

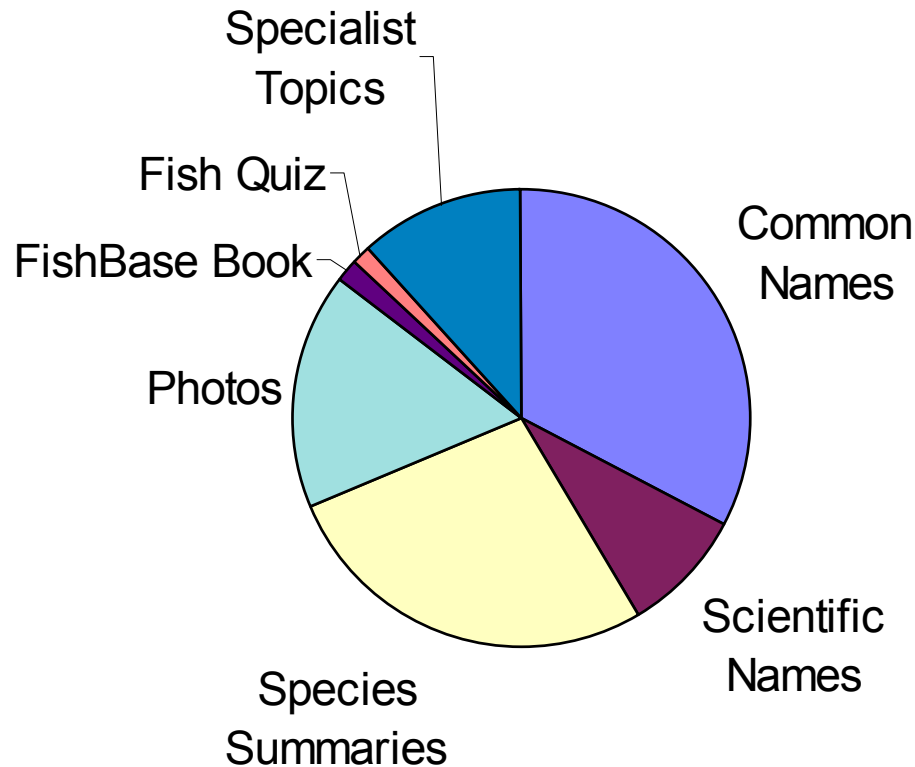
# Some Statistics

## FishBase Users by Continent

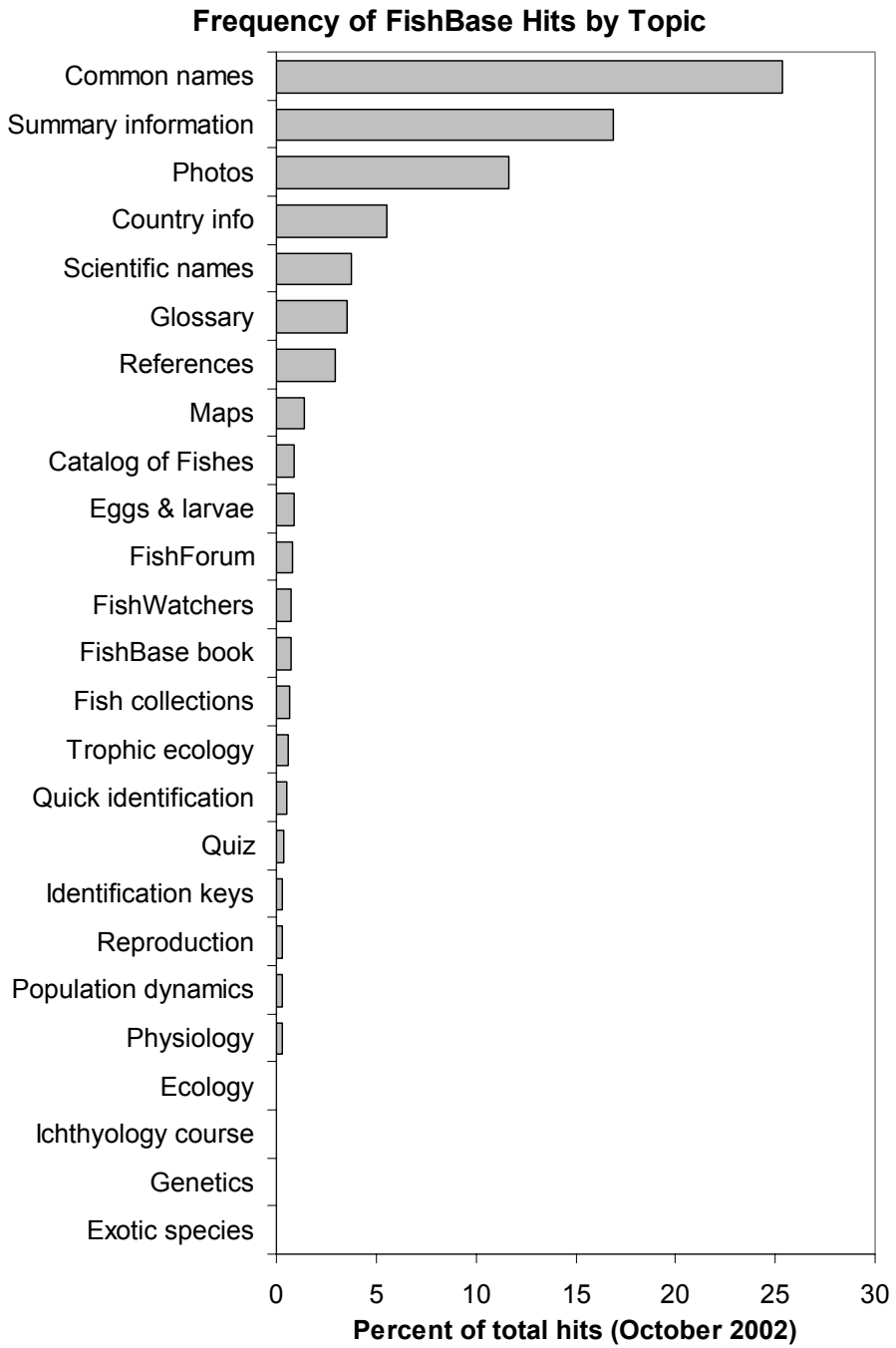


# Some Statistics

## FishBase Web Usage by Topic



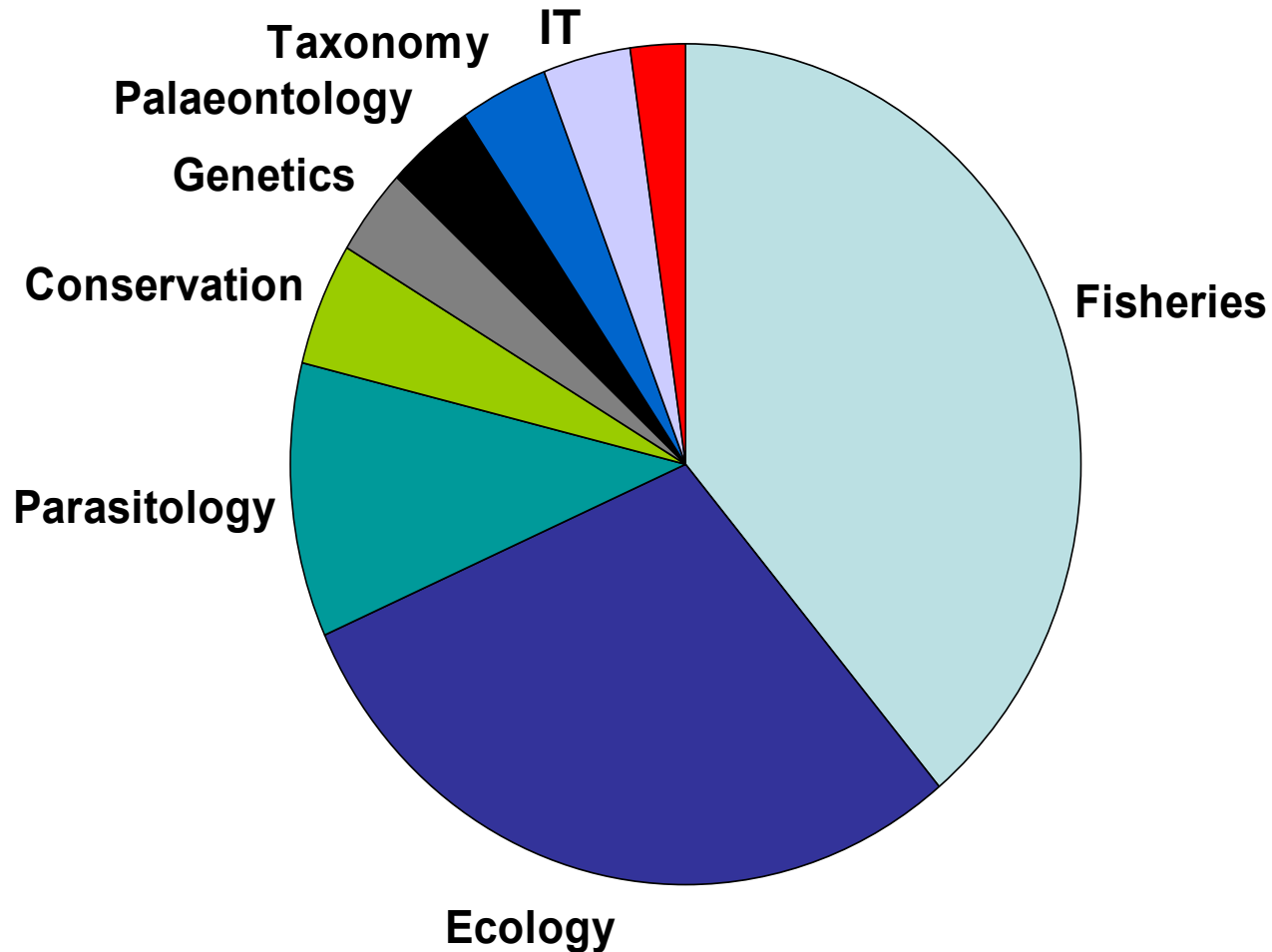
Some



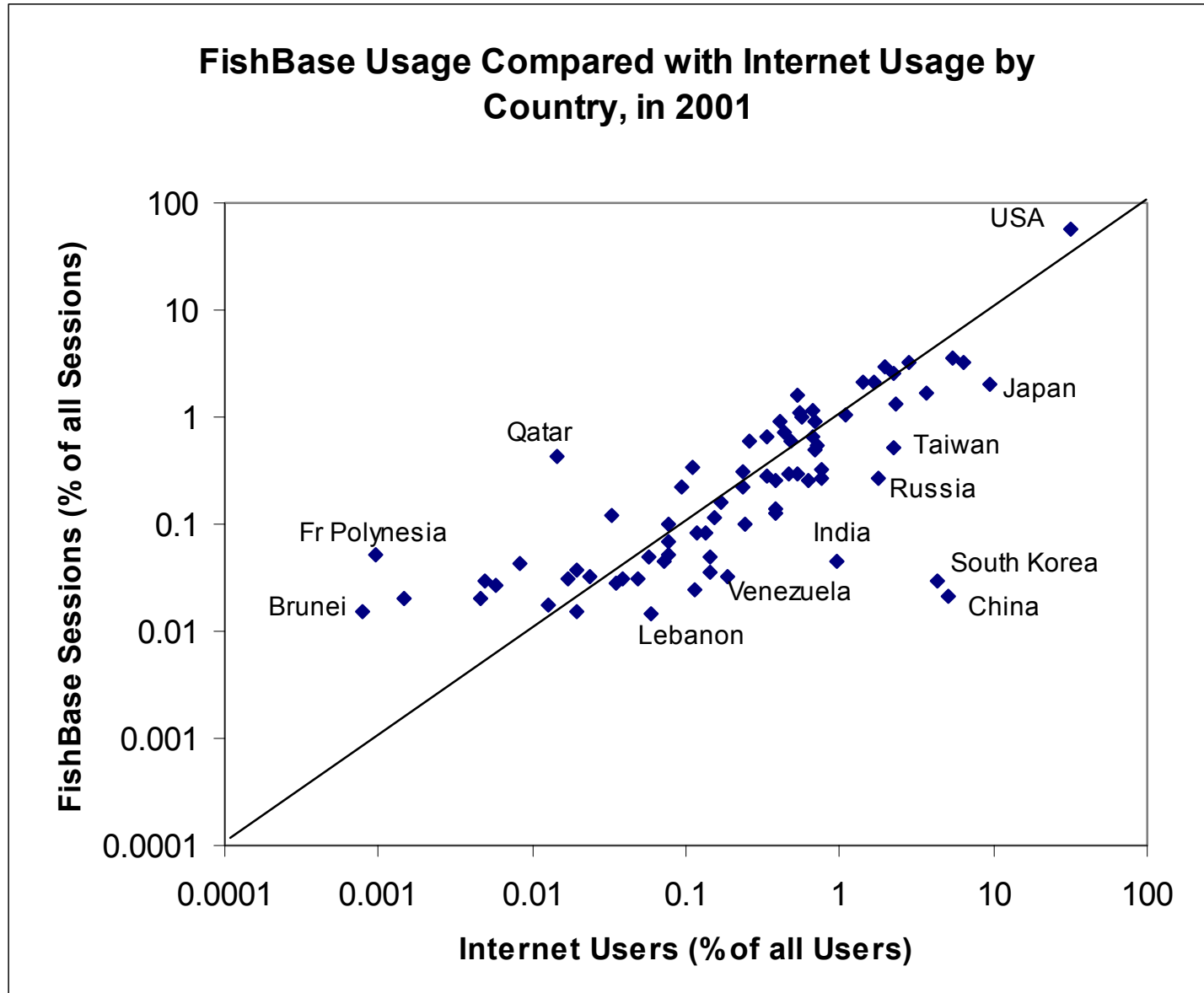
Statistics

# Where is the Science?

85 ISI Citations, 3 in *Nature*, 2 in *Science*

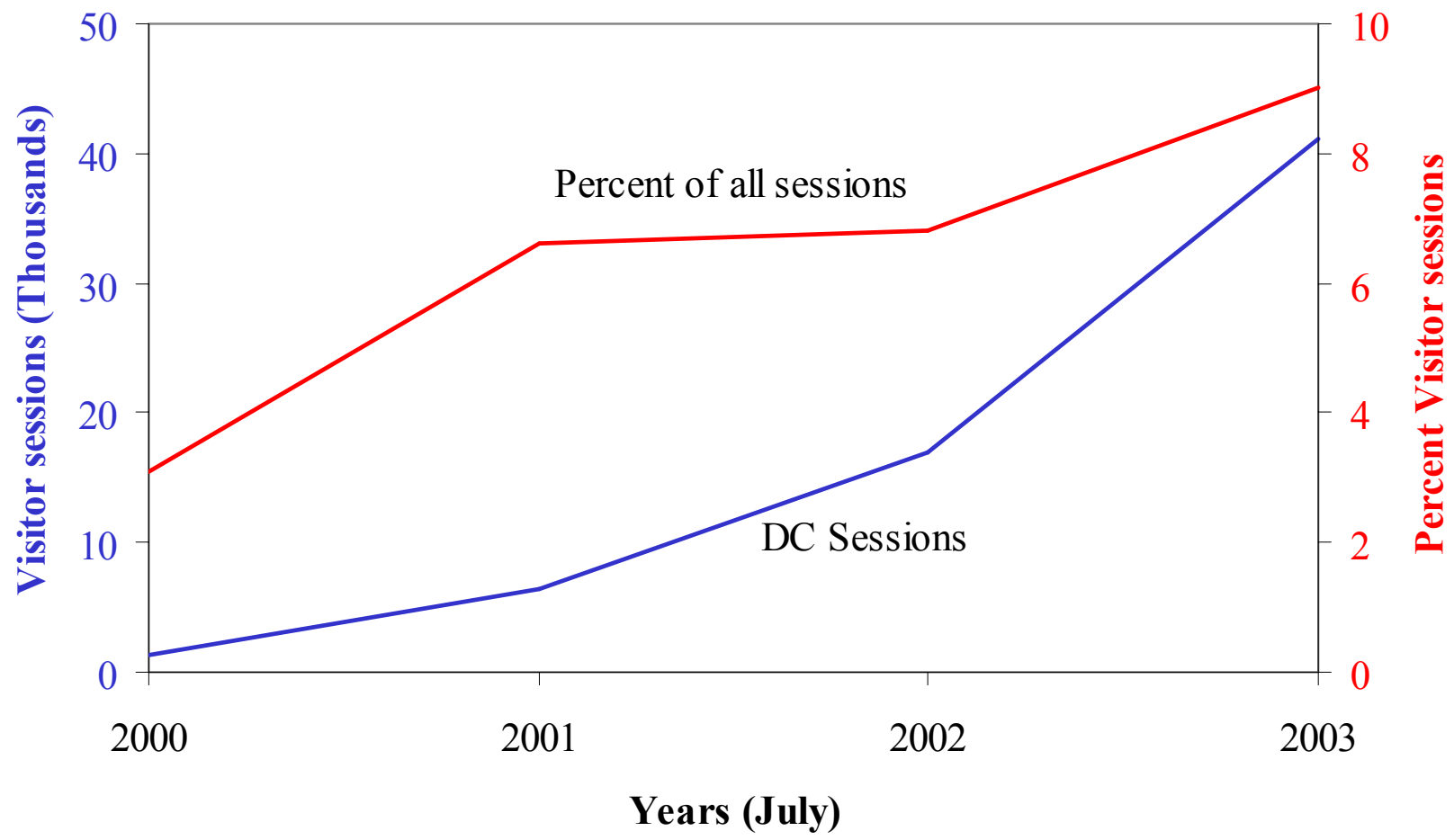


# Some Statistics



# Some Statistics

## FishBase Usage by Developing Countries



# Why Fish?

- Sufficient **useful** quality content
- Common names & photos
- Free, **simple**, intuitive access
- Open, collaborative, **Yes** attitude
- Alive, reacting and anticipating
- Fast
- Because Fish are beautiful



# What are Migratory Fishes? (1)

<b>Migration Type</b>	<b>Fish Species</b>
oceanodromous	637
amphidromous	320
anadromous	171
catadromous	69
potamodromous	528
limnodromous	17

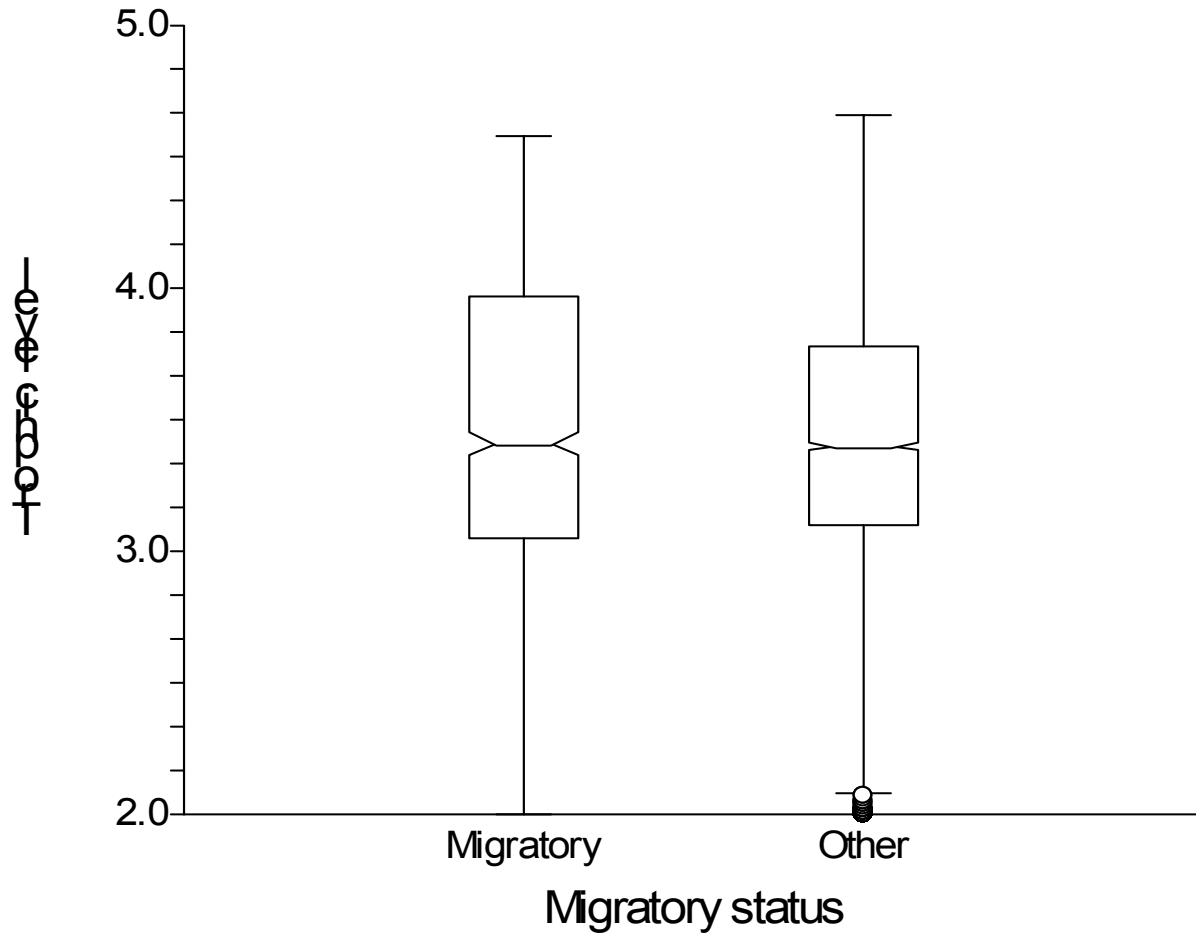
# What are Migratory Fishes? (2)

<b>Class</b>	<b>Type of Migration</b>	<b>Species</b>
Cephalaspidomorphi (lampreys)	anadromous	12
	potamodromous	6
Holocephali (chimaeras)	oceanodromous	2
Elasmobranchii (sharks and rays)	amphidromous	25
	oceanodromous	53
	potamodromous	7
	catadromous	69
Actinopterygii (ray-finned fishes)	oceanodromous	582
	amphidromous	295
	anadromous	159
	potamodromous	515
	limnodromous	17

# What are Migratory Fishes? (3)

Used commercially	1,020 (59%)
Used in aquaculture	170 (10%)
Gamefish	373 (21%)
Dangerous to humans	122 (7%)
Threatened (Redlist 2000)	127 (7%) anadromous 24 (14%)

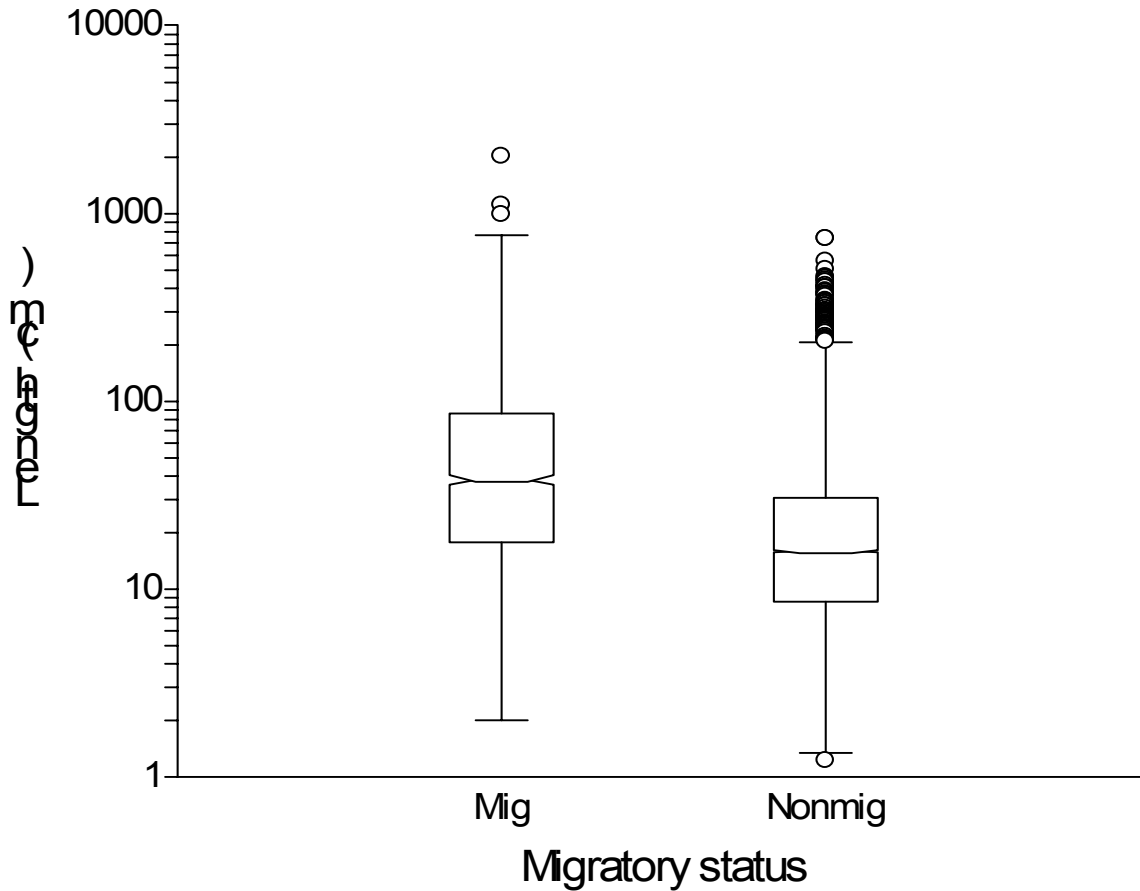
# What are Migratory Fish (4)



# What are Migratory Fish? (5)

<b>Resilience</b>	<b>Migratory</b>	<b>Others</b>
Very low	73 (12%)	190 (10%)
Low	154 (25%)	862 (45%)
Medium	268 (44%)	611 (32%)
High	112 (19%)	241 (13%)

# What are Migratory Fish (6)



Thank You

Questions?