

# Show us the databases: what would Stephanie use?



**Janet Webster, Hatfield Marine Science Center, Oregon State University**  
**Barb Butler, Oregon Institute of Marine Biology, University of Oregon**

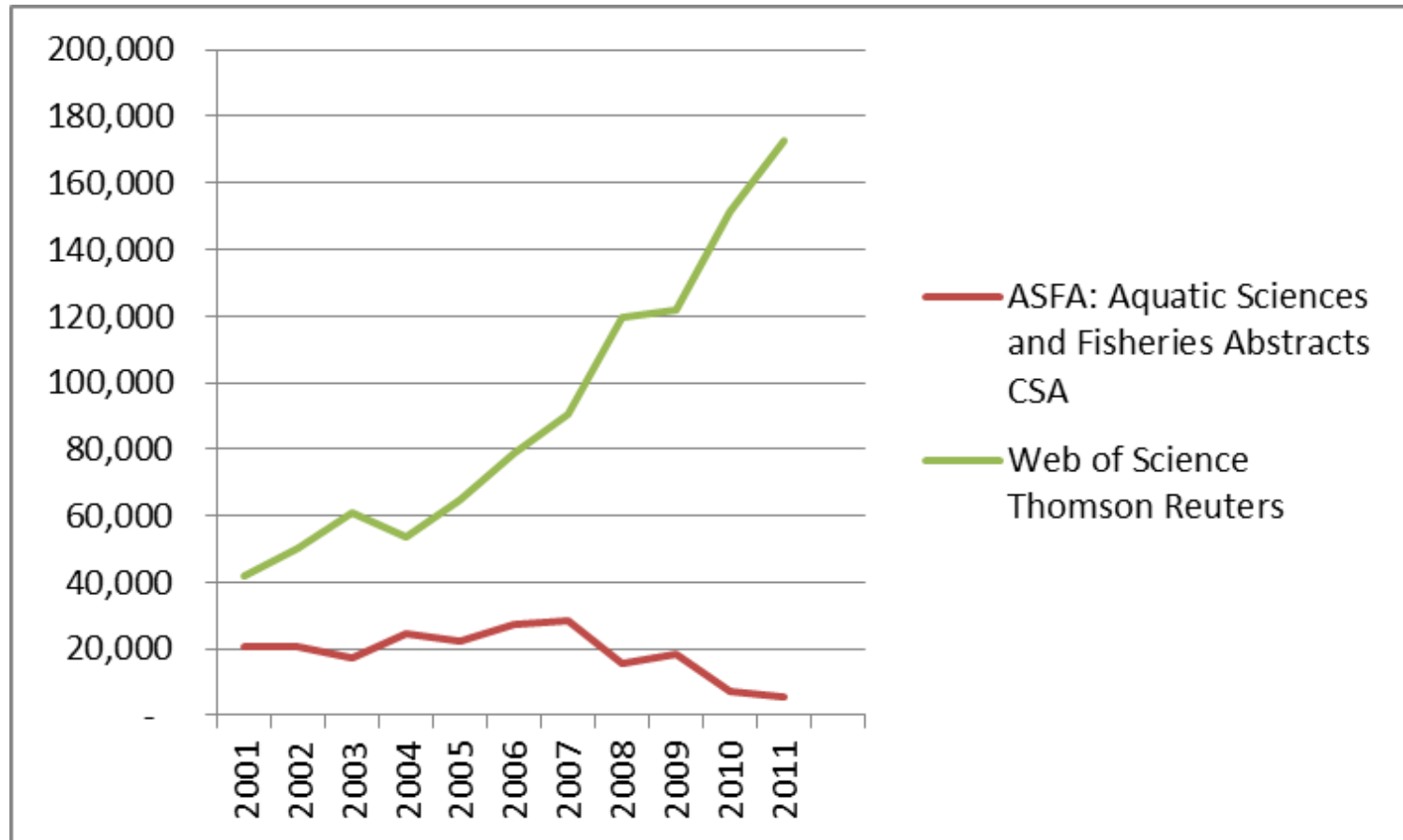


# Are the databases we purchase still useful?

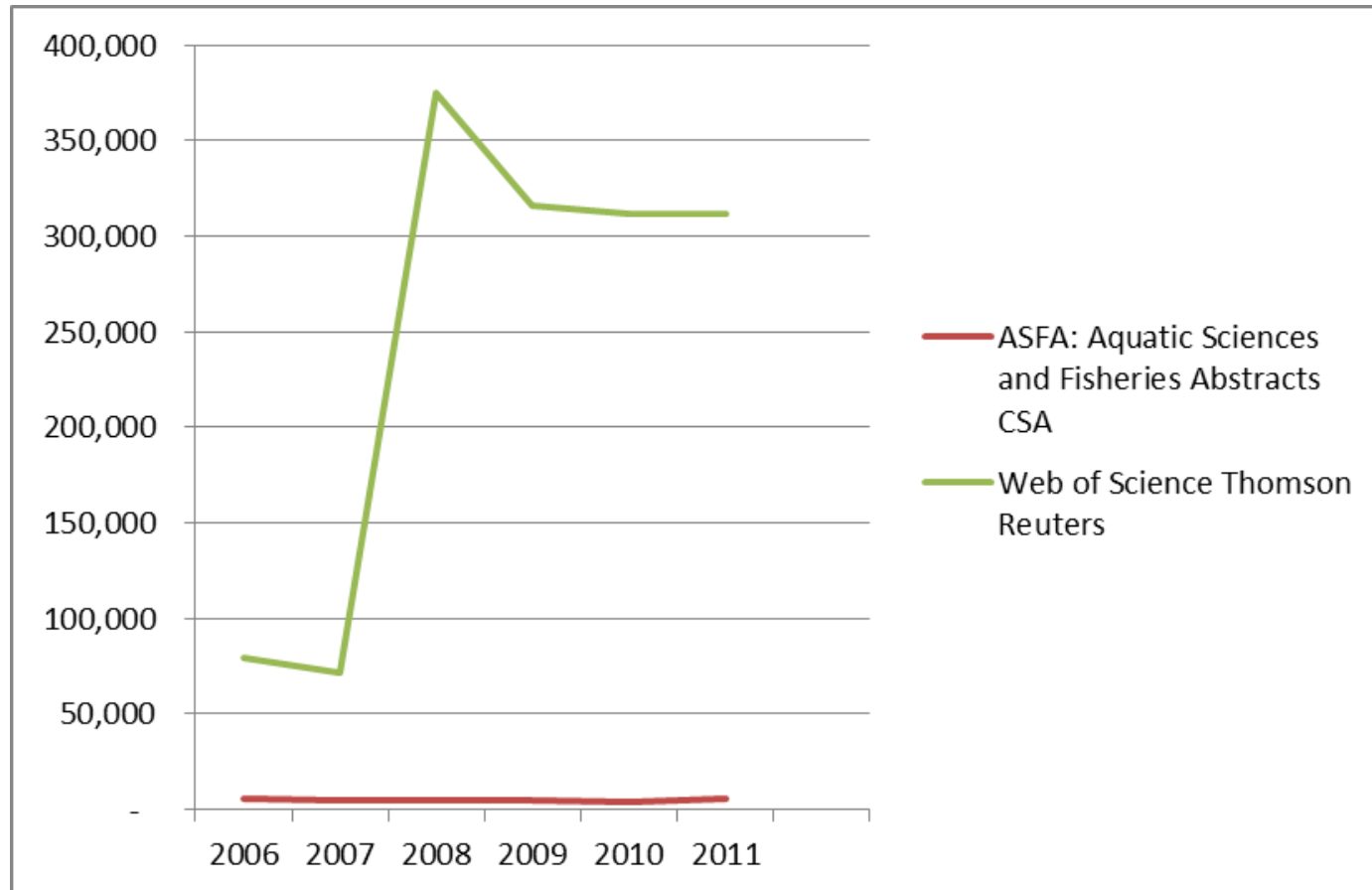
*“... perhaps the economic situation is so difficult that they [librarians] would renounce subscribing to any pay for A&I service and just rely on Google/Google Scholar and Open source archives...”*

*Richard Pepe*

# Database use at OSU:



# Database use at UO:



# For librarians?



# For researchers?



*"I use Web of Science a lot. I use Zoo Record, ASFA and Georef somewhat. I rarely use Google Scholar"*



*"I just use Google Scholar and I'm after the pdf"*

*"I much prefer ASFA to Web of Science"*





# For students?



# Navigating the changing landscape?





# The tools:

- Aquatic Sciences and Fisheries Abstracts
- Fish, Fisheries and Aquatic Biodiversity Worldwide
- Google Scholar
- Scopus
- Web of Science

# The disciplines and the journals:

- Fisheries (14 titles)
- Marine Biology (30 titles)
- Oceanography (17 titles)
  - *Marine Science and Technology* section from Magazines for Libraries
  - Butler and Webster, 2010

# The good, the bad and the ugly:



# Fisheries

<u>Titles</u>	<u>Google Scholar</u>	<u>SCOPUS</u>	<u>WOS</u>	<u>ASFA</u>	<u>FFBAW</u>
American Fisheries Society. Transactions	0	0	2	16	14
Aquaculture	0	0	1	1	10
Canadian Journal of Fisheries and Aquatic Sciences	0	*	2	2	14
Environmental Biology of Fishes	0	0	0	2	11
Fish and Fisheries	0	0	0	0	9
Fisheries	0	1	1	10	23
Fisheries Management and Ecology	0	0	0	3	18
Fisheries Oceanography	0	12	12	2	3
Fisheries Research	0	*	1	0	12
Fishery Bulletin	0	0	0	0	18
Journal of Shellfish Research	*	0	0	17	24
Marine and Coastal Fisheries	*	X	6	6	30
Marine Fisheries Review	3	X	X	3	25
Reviews in Fish Biology and Fisheries	0	0	0	0	14

# Marine Biology

Title	Google Scholar	SCOPUS	WOS	ASFA	FFABW
Advances in Marine Biology	0	0	12	12	24
Annual Review of Marine Science	0	0	0	0	36
Biological Bulletin	0	0	0	0	12
Botanica Marina	1	1	1	12	24
Bulletin of Marine Science	0	0	0	1	12
Coral Reefs	0	0	*	*	24
Estuaries and Coasts	0	0	1	*	24
Estuarine, Coastal and Shelf Science	0	0	2	1	24
Harmful Algae	0	0	2	0	24
ICES Journal of Marine Science: journal du conseil	0	2	2	2	36
Invertebrate Biology	0	0	3	3	36
Journal of Cetacean Research and Management	1	X	X	1	24
Journal of Coastal Research	0	0	0	*	24
Journal of Experimental Marine Biology and Ecology	0	1	4	1	24
Journal of Fish Biology	0	0	0	1	12
Journal of Marine Research	0	X	0	12	24
Journal of Phycology	0	0	2	2	X
Journal of Plankton Research	0	0	0	0	12
Journal of Sea Research	0	0	2	*	14
Limnology and Oceanography	1	*	3	6	24
Limnology and Oceanography: Methods	1	0	1	1	48
Marine and Freshwater Research	0	0	1	24	24
Marine Biological Association of the United Kingdom. Journal	0	0	0	0	24
Marine Biology	0	0	0	0	24
Marine Biology Research	0	0	0	9	12
Marine Ecology Progress Series	*	0	1	6	24
Marine Environmental Research	0	0	1	5	12
Marine Mammal Science	0	0	0	0	12
Marine Pollution Bulletin	0	0	2	2	12
Oceanography and Marine Biology: an annual review	6	X	6	24	36



# Oceanography

<u>Titles</u>	<u>Google Scholar</u>	<u>SCOPUS</u>	<u>WOS</u>	<u>ASFA</u>	<u>FFBAW</u>
Continental Shelf Research	*	0	2	0	15
Deep-Sea Research. Part 1: Oceanographic Research Papers	0	*	2	0	12
Deep-Sea Research. Part 2: Topical Studies in Oceanography	0	0	6	0	12
Dynamics of Atmospheres and Oceans	0	0	4	9	X
G3: Geochemistry, Geophysics, Geosystems	*	*	1	4	X
Geophysical Research Letters	0	1	1	1	X
Journal of Geophysical Research - Oceans	*	1	1	1	X
Journal of Geophysical Research - Solid Earth	*	*	1	1	X
Journal of Marine Systems	0	0	1	1	31
Journal of Physical Oceanography	*	1	0	2	19
Marine Chemistry	0	0	3	2	6
Marine Geology	*	0	2	2	X
Marine Geophysical Research	0	0	0	X	X
Marine Technology Society Journal	0	X	2	X	X
Oceanography	*	3	3	3	X
Paleoceanography	0	*	1	2	X
Progress in Oceanography	0	0	2	0	21

# Timeliness:

Tool	Marine Biology	Fisheries	Oceanography
ASFA	4	4	4
FFABW	5	5	5
Google Scholar	1	1	1
Scopus	2	2	2
Web of Science	3	3	3

# Timeliness?

Aquaculture (22/87)

Bulletin of Marine Science (15/29)

Continental Shelf Research (8/62)

Estuarine Coastal and Shelf Science (12/132)

Journal of Marine Systems(4/56)

Journal of Physical Oceanography (13/63)

Journal of Sea Research (6/62)

Marine Mammal Research (13/57)

(# articles in current issue/# early online pubs)

# How would you cite this?

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## **Floristic macroalgal diversity in selected submarine caves located within two marine protected areas off Lampedusa Island and Sicily (Italy)**

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(Tyrrhenian Sea) and Grotta delle Viole, a large shallow cave on San Domino Island (Tremi Islands, Adriatic Sea) (Ernst 1959, Pignatti et al. 1967).

Cinelli et al. (1977) studied the distribution of both phyto- and zoocenoses along an irradiance gradient into Grotta del Mago (Ischia Island, Gulf of Naples, Tyrrhenian Sea). Phytobenthic floristic richness and total cover declined by

# What the editors are saying?



*My personal take is that all of the publishers are in so much of a rush to try and beat out each other with 'new' information that they have finally reached the ridiculous. Putting uncorrected manuscripts on line, uncorrected page proofs, etc. etc. Once someone gets this information, they rarely bother to go back and get the final version or check to see what was changed/corrected.*

*They are published as soon as they appear online.*

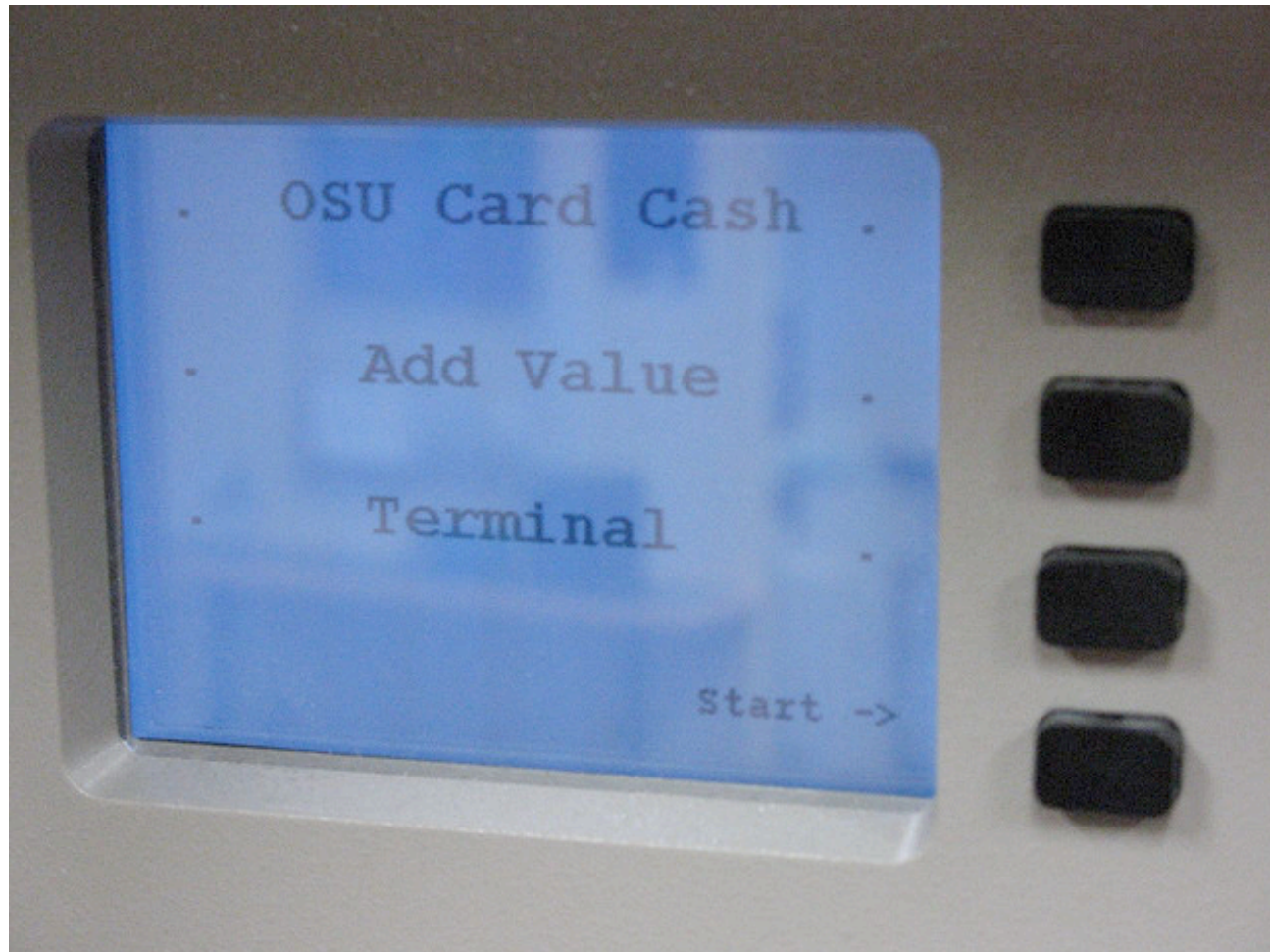




# If not timeliness, why purchase databases?

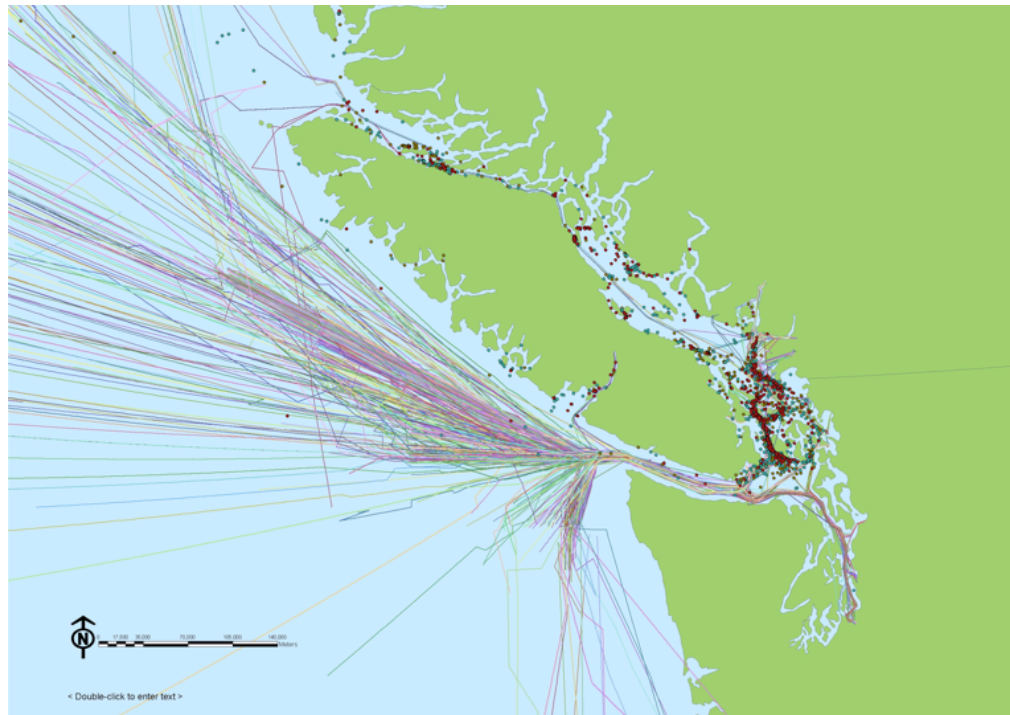
- **WOS – the display and the citation analysis.**
- **Scopus –the currency, the addition of some early online and the citation piece.**
- **FFABW – the coverage of southern oceans, Africa and tropical climes and inclusion in commonly used interface.**
- **ASFA – the coverage of international and grey literature and depth of indexing.**

# Added value:



	ASFA	GS	WOS	Unique	Shared by all
ASFA	20	14	8	4	6
GS	14	438	12	418	
WOS	8	12	17	4	

“(vessel or ship) noise" and (whale\* or "marine mammal")  
anywhere/all years"



# Navigating the changing landscape?

