
U.S. Trade Overview (2005-2010)

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Nautilus Experts Workshop

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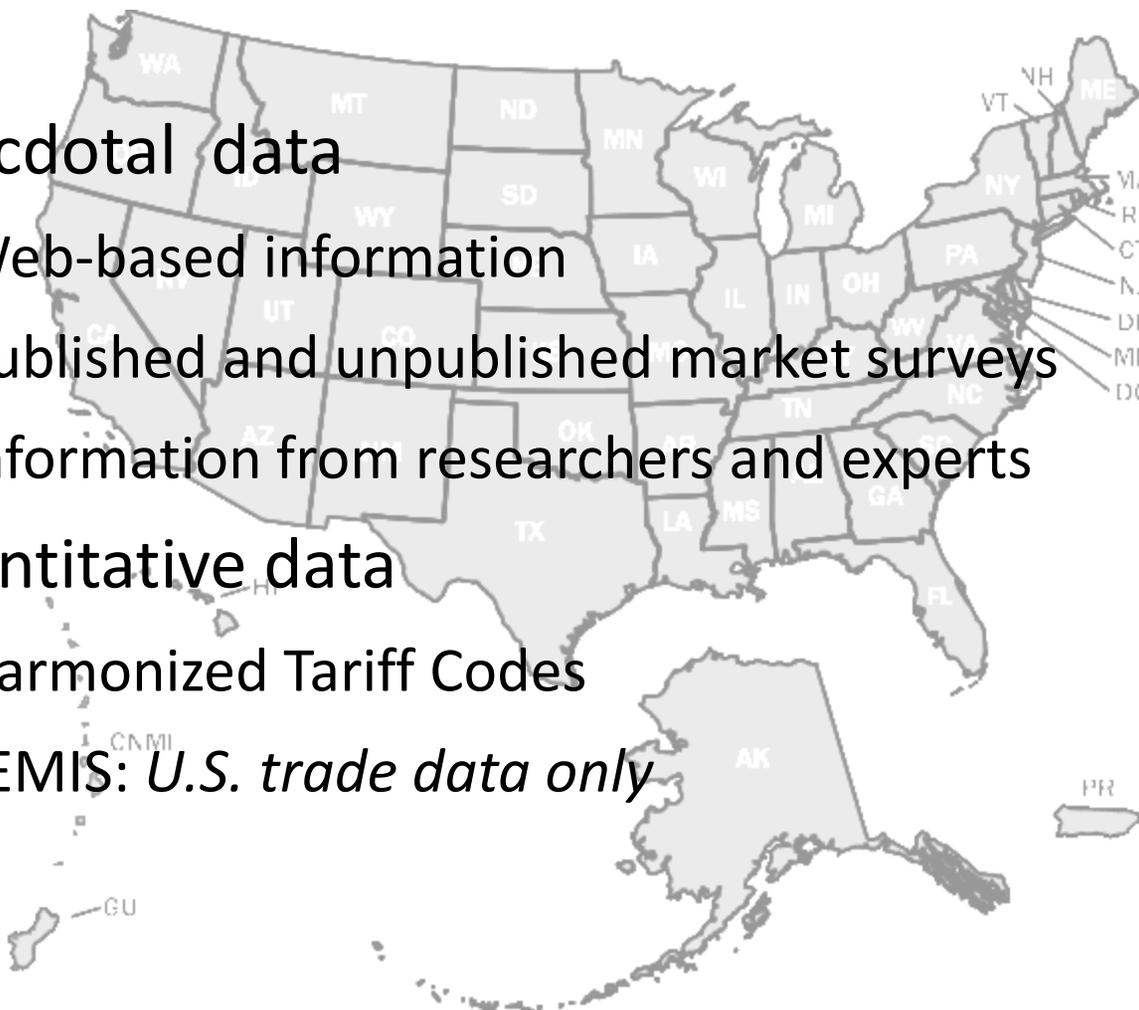
Sources of U.S. Trade Data

❖ Anecdotal data

- Web-based information
- Published and unpublished market surveys
- Information from researchers and experts

❖ Quantitative data

- Harmonized Tariff Codes
- LEMIS: *U.S. trade data only*



LEMIS Data

- ❖ Law Enforcement Management Information System
- ❖ Data compiled by the USFWS Office of Law Enforcement
- ❖ Based on U.S. wildlife declaration forms required for import or export of any fish and wildlife – *an underestimate*



Nautilus Commodities reported in LEMIS data

❖ January 2005 to August 2010

- Commodities in trade
- Range country exports
- Source of the commodities



Commodities in trade

❖ 2005 and 2010:

- >789,000 nautilus products
- >139,000/yr on average
- ~12% was for whole, live, or specimens
- ~88 parts (jewelry, trim, shell products, meat)



Commodities in trade

Wildlife Desc	Units	2005	2006	2007	2008	2009	2010	Total
***	NO	3						3
CAR				1				1
JWL	KG						.005	.005
JWL	KG	30	300			41		371
JWL	NO	54,393	59,928	39,742	15,338	18,179	6,563	194,143
LIV	NO	82	12	8	16	44	11	173
MEA	NO					114		114
SHE	KG	1,033		2,776	35	724		4,568
SHE	NO	4,503	14,993	54,414	12,649	6,211	1,035	93,805
SPE	NO	2		10	13	7	6	38
SPR	KG	332	620	1	133	16	22	1,124
SPR	NO	97,475	74,097	89,321	45,448	14,823	16,399	337,563
TRI	NO	6,525	8,802	6,203	3,845	135,621	1,800	162,796
TRO	NO		300			1		301
UNS	NO	220				5	150	375
Total No.		163, 203	158,132	189,699	77,309	175,021	25,964	789,312
		1,395	920	2777	168	765	22	6063



Range Country Exports

❖ 2005 and 2010:

- ~99% of all trade came from range countries
- >87% came from the Philippines (by quantity)
- >9% from Indonesia



Range Country Exports

Range Country Exports	2005	2006	2007	2008	2009	2010	68-mo Total Exports
American Samoa / U.S.							0
Australia	756		2361		2		3119
China, (?)	15	4,603	3,442	1,270	34	1	9365
incl. Taiwan		2,881					2881
Fiji		12	1				13
India			192	10000	726		10918
Indonesia	12,419	32,676	19,311	9,535	1589	1336	76866
Malaysia			2				2
Myanmar (?)							0
New Caledonia							0
Palau							0
Papua New Guinea							0
Philippines	150,955	116,679	161,361	54,089	172888	24168	680140
Samoa (?)							0
Solomon Islands	1				4		5
Thailand	31	2	1889	74	182	5	2183
Vanuatu			4				4
Vietnam (?)							0
Ttl Range Country exports	164177	156853	188563	74968	175425	25510	785,496



Source of the commodities

❖ 2005 and 2010:

- ~99% derived from the wild
- 4,500 are reportedly from non-wild sources: captive bred, captive born, or ranched
- Notably, 24 live specimens imported from Japan were reportedly captive-bred.



Source of the commodities

Scce	Unit	2005	2006	2007	2008	2009	2010	Total
*	NO	5						5
C	NO		227	853	13	54	4	1151
F	NO				1			1
R	NO	1		3097	29		210	3337
U	NO	9		793	5	30	3	840
W	KG	1395	920	2777	168	781	22.005	6062.005
W	NO	163188	157905	184956	77261	174921	25747	783978
Total No		163203	158132	189699	77309	175005	25964	789312
Total Kg		1395	920	2777	168	781	22	6062



The trade data tells us:

There is anecdotal evidence that all chambered nautilus species are found in international trade.

There is quantitative evidence that several countries are engaged in chambered nautilus trade.

A handful of range countries provide the majority of commodities to the United States.



The trade data does not tell us:

How much trade is not captured in the self-reported trade data?

How much chambered nautilus trade is there on a global scale and what countries are involved?

What is the impact of chambered nautilus trade on the species?



Seeking the answers to some of these questions leads us to our next speaker...

Thank you!



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