Scion	ce Writing Checklist.	Entomological Society of America Lunch and Learn, Nov. 18 2014
	•	Entomological Society of America Lunch and Learn, Nov. 10 2014
Clear	Headline is not stated as Headline falls into one of Surprise and Curio How To Numbers (<i>Ten Wa</i>	y is about from just the headline. a question. The headline is 7 words or less. these categories: osity (You won't Believe this Method for Writing!) Write a Great Science Story) sys to Write Awesome Science Stories) sing (For Scientists who Think They Can't Write)
Stron	g Lead and/or lede:	
	☐ The most important, interesting or attention-grabbing elements of a story are in the first paragraph.	
	☐ Fits into one or more of these categories of common "hooks" for science stories:	
	Surprise & CuriosiHow To:Explainer:Debunker:Timely:	ty: ("Dragonfly larvae are jet-propelled via their anus!") ("10 simple tricks to get rid of stink bugs.") ("Why do stink bugs stink?") ("Brown Recluse bites aren't common.") The work is new or especially relevant in this time period. ("New research: your stinky feet attract mosquitoes.")
second third se	d sentence, your article is dea	varticle is the first one. If it doesn't induce the reader to proceed to the d. And if the second sentence doesn't induce [the reader] to continue to the such a progression of sentences, each tugging the reader forward until [] at fateful unit: the "lead." William Zinsser, On Writing Well
it's cle	Story connects to someth Humans appear in the sto their challenges? Contains emotions (humo	care about topic. (WIFM = What's In it For Me?) ing that is relevant to reader or reader's life. bry; researchers or others are characters in the work. What were br, surprise, pathos, etc.) to engage readers; not a list of facts. ely for the target audience. (Culturally sensitive and relevant)
Facts	and Sources are Clear.	
	 Sources of material used and conclusions can be traced back to their source. Acronyms are spelled out, technical words defined. Specialized jargon removed if possible. Funding and possible conflicts of interest made clear, if relevant. If conclusions are controversial, some objections proactively addressed. 	

□ One concept is introduced per paragraph; readers are not overloaded in an infodump.

Graphics

Supporting information is provided in sidebars and photos/graphics.

Graphics are attributed to the artist/photographer that created them, and copyright indicated if relevant.

Voice and Grammar

- □ No obvious typos or grammatical mistakes. (Lice: An important pubic health threat.)
- □ The story is in active voice; verb tense is consistent.

Active: "The mosquito bit the researcher."

Passive: "The researcher was bitten by the mosquito. Mistakes were made."

- Avoids using Carl Zimmer's Banned Words http://bit.ly/ZimmerWords
- □ These words/phrases been removed, or are rare: "There are" "It" "Very" "This"
- □ Clichés are rare, and analogies used make sense.
- Colons and Semi-colons are evaluated for conversion to two sentences.
- □ Conversation and quotes are used reveal personality, rather than descriptors.
- □ No metadiscourse (Writing about your writing; "In this article I will...")

Structure:

- □ An outline of the story could be made from the first sentences of each paragraph.
- ☐ The flow of logic is clear from paragraph to paragraph. No steps of reasoning are left out.
- □ Nice-to-know information is pruned out to leave just need-to-know, or only info that supports the key focus of the story.
- ☐ The story is between 800 and 1,200 words.
- □ Sentences vary in length and structure.
- ☐ The story has a beginning, middle, and an end.
- ☐ The story glides to a "rolling stop" rather than ending abruptly.
- □ The story feels complete.

SUCCES Acronym (Heath & Heath, Made to Stick, 2007)

- -Simple
- -Unexpected
- -Concrete
- -Credible
- -Emotional
- -Stories

Based/Modified from:

- http://blog.bufferapp.com/perfect-blog-post-research-data
- http://www.csb.pitt.edu/Faculty/zuckerman/ScienceWritingChecklist.pdf
- http://phenomena.nationalgeographic.com/2011/01/12/death-to-obfuscation/
- http://www.wired.com/2013/02/scio13-genre/
- http://heathbrothers.com/books/made-to-stick/
- Painful Personal Experience, Gwen Pearson.

Resources:

- Readability Scores: https://readability-score.com/
- The Open Notebook: http://www.theopennotebook.com/
- Duke Graduate School https://cgi.duke.edu/web/sciwriting/index.php

"When you have done your article, give it to a friend; if possible a fairly ignorant one."

J.B.S. Haldane: How to Write a Popular Scientific Article (1946)