

1035-01-302 **Sloan Evans Despeaux*** (despeaux@wcu.edu), Dept. of Mathematics and Computer Science,
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As older general science journals like the *Philosophical Magazine* became increasingly specialized, they left in their wakes a need for interdisciplinary communication. Norman Lockyer, scientific advisor to the Macmillan publishing company, recognized this need and convinced his friend and employer, Alexander Macmillan, to produce a the journal *Nature*. From *Nature*'s inception in 1869, British mathematicians used the journal as a vehicle for quickly disseminating the news and opinions of their developing community. They supplied Lockyer with original articles, letters to the editor, and book reviews. This talk will analyze the role of mathematics and mathematicians in *Nature* from 1869 to 1900. It will also consider the ways mathematicians used *Nature* as an efficient line of communication to the nineteenth-century British mathematical publication community. (Received August 31, 2007)