



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2015_AJEA_18483
Title of the Manuscript:	Genetic Variability and Association of Traits in (Mid-altitude) Sesame (Sesamum indicum L.) Germplasm of Ethiopia
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	Was reviewing this manuscript until I came to L72 where authors discuss the location and year(s) of the study. After discussing with a plant breeder who suggested that there should be a minimum of at least 2 years of data (or one year at multiple locations), I am rejecting this manuscript and suggest that the authors obtain another years of data before attempting to publish. I feel it is worthy of publication when that has been accomplished. Also, the authors need to do a better job of proofreading their manuscript.	Dear Professor; it was a diversity study and possible to do with one year data, in an optimum environment where the genotypes can express their full potential. I can suggest you some similar works to view*. The application may depend on the type of research and the no. of samples to be used. We've done ecological based variability study (mid alt.) using morphological data. Hence the no. of Years or location would not significantly modify our results. *Rajani Bisen et al. (2013); Uzen et al. (2013); Saha et al. (2012); Parameshwarappa et al. (2009) ... etc
Minor REVISION comments	L 41..of the Pedaliaceae family L 42..cultivated by man. It has been grown in the near... L43..and is used for cooking and L46..It is economically the major cash crop.... L48..the remaining cakes? Please explain where the cakes come from. L51..Currently, it has become the primary export oil crop, playing an important... L52..GDP? at the first mention used full name not just abbreviation. L53..1997 citation? Surely there is a more current citation for the amount of income generated with current values. L57..adapted to the local environment. L59..breeders in selecting... L61..always be a reliable procedure... L63..heritability along with advanced genetics are important for the selection process.	Well taken " Not matching Well taken " " " " " " " " Not matching



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	L64..information on the variability and character association of mid-altitude... L72..Just one year and one location?? L73.. Cap 'Valley' L79..what is meant by 'check varieties' ? Explain L89..days to 50% L99.. in broad sense. ??? Explain L121..Doshi (1991) not in References	-The "check varieties" are the local varieties. It is commonly used in breeding trials as standard to compare the performance of samples under experiment. -An index to measure as how much of the trait is genetically expressed over environments... - Replaced
<u>Optional/General</u> comments		