

South Carolina Tools for Assessing Low Flow Blackwaters

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Megalodon Count

- Count of all the mature (based on size or wingpads) Megaloptera and Odonata in a sample
 - Long-lived spp found in either flowing or non-flowing conditions

Megalodon Index

- All Megalop and Odonate taxa assigned a score based on preference for lentic vs lotic conditions
 - A weighted average of these scores is produced for all individuals present in the sample



Potential Uses

- Red flag sites where flow has been an issue
- Adjust stream scores, based on Megalodon values

Recent activities

- Purposefully sampled MACP sites in highly developed areas

