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DNA Extraction From Orthoptera Museum Specimens

Analytical Letters

[Volume 44, Issue 6, 2011, Pages 1058 - 1062](#)**Authors:** Marcello Tagliavia^a; Bruno Massa^b; Ida Albanese^a; Mario La Farina^a**DOI:** 10.1080/00032719.2010.506939[Peer Review Integrity](#)[Online Sample](#)[Online Sample](#)[subscribe](#)[Subscribe](#)[Buy now](#)

Abstract

We describe a procedure for rapid purification of high quality DNA from either fresh or dry Orthoptera, suitable for the PCR amplification of DNA regions more than 800 bp long (even from oldest specimens), which allows genetic analyses on animals from collections without the complete specimen disruption.

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Keywords: DNA purification; Dry insects; Molecular taxonomy; Museum specimens; PCR

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