

Invasive ants alter the phylogenetic structure of ant communities

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Abstract.

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Key words: biological invasions; community phylogenetics; community structure; Formicidae.

Testing for differences in phylogenetic diversity

(Colwell et al., 2008).

($t = -1.76, n = 12, P = 0.0001$),

($t = -0.07, n = 12, P = 0.31$).

($t = 0.135 \pm 0.013, t = 0.116 \pm 0.016$
 $t = -1.23, n = 12, P = 0.12$).

($t = 0.131 \pm 0.015, t = -0.94, n = 12, P = 0.18$).

Local-scale studies

($t = 0.55, n = 12, P = 0.30$)
($t = -0.44, n = 12, P = 0.34$)

(2000)

Solenopsis invicta

(2007).
(2004)
(2007).
(2007).
(2003)

(1984).
(2006).
(2007),

Linepithema humile

... (2002).

... (2000, 2003).

... (2006).

... (2006, 2006).

... (1994).

... (2002).

... (2008).

... (1).
Neivamyrmex ()

... (1998, 1987),

...

2006. 87
86, 99.
2006. *Solenopsis invicta*,
75 1370 1378.
2007.
170 271 283.
1997.
7
1263 1277.
2008.
11 995 1003.
2002. *Solenopsis*
invicta. 83 2337 2345.
1990.
71 2095 2106.