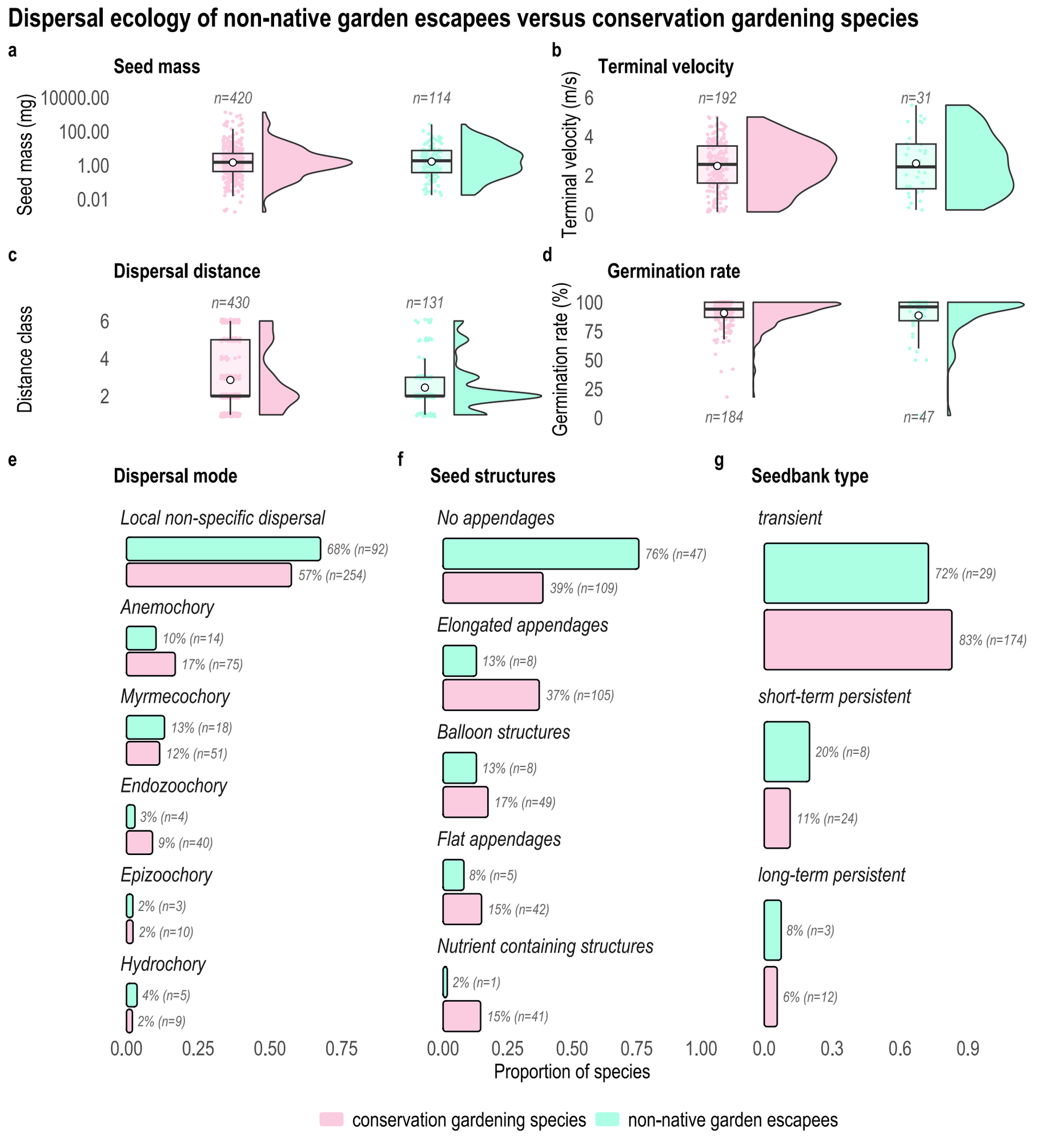
Dispersal ecology of non-native garden escapees versus conservation gardening species
a
Seed mass
Seed mass (mg)
10000.00
100.00
1.00
0.01
n=420
n=114
b
Terminal velocity
Terminal velocity (m/s)
6
4
2
0
n=192
n=31
c
Dispersal distance
Distance class
6
4
2
n=430
n=131
d
Germination rate
Germination rate (%)
100
75
50
25
0
n=184
n=47
e
Dispersal mode
Local non-specific dispersal
68% (n=92)
57% (n=254)
Anemochory
10% (n=14)
17% (n=75)
Myrmecochory
13% (n=18)
12% (n=51)
Endozoochory
3% (n=4)
9% (n=40)
Epizoochory
2% (n=3)
2% (n=10)
Hydrochory
4% (n=5)
2% (n=9)
0.00
0.25
0.50
0.75
f
Seed structures
No appendages
76% (n=47)
39% (n=109)
Elongated appendages
13% (n=8)
37% (n=105)
Balloon structures
13% (n=8)
17% (n=49)
Flat appendages
8% (n=5)
15% (n=42)
Nutrient containing structures
2% (n=1)
15% (n=41)
0.00
0.25
0.50
0.75
1.00
g
Seedbank type
transient
72% (n=29)
83% (n=174)
short-term persistent
20% (n=8)
11% (n=24)
long-term persistent
8% (n=3)
6% (n=12)
0.0
0.3
0.6
0.9
Proportion of species
conservation gardening species
non-native garden escapees