Anthophorula of the tallgrass prairie region and greater Midwest
M. Arduer
edited October 2, 2020

Females:
1. T1 anterior face carinate at summit; two SM cells; T2-T4 largely covered and
tegument concealed by dense pale tomentum; scutum densely, finely punctate
throughout, punctures nearly contiguous; 7-8mm; southern Great Plains species
(TX, OK) not yet recorded from TGP region or
midwest........................................................................................................
..........compactula Cockerell
T1 anterior face without carina at summit, at most with a weak line; three SM cells;
T2-T4 integument visible, not entirely covered by dense pale tomentum; scutum
punctures much more separated; often less than 7-
8mm.............................................................................................................2

2(1). Scutum sparsely punctate especially on posterior portion, hairs on scutum
erect, somewhat long, not depressed; wing membranes clear; very rare Midwest
species, possible specialist on Aster spp.
s.l.................................................................asteris Mitchell
Scutum more closely punctate throughout, other characters
variable.....................................................3

3(2). Scutum hairs minutely plumose, mostly depressed; wing membranes dusky;
Agalinis specialist; southern TGP
region.................................................................micheneri Timberlake
Scutum hairs all erect, not depressed; wing membranes
clear.............................................................4

4(3). T1 distinctly punctured at least in part; mesopleural punctures strong and
mostly dense;
6-8mm; Helianthus specialist; KS, MO and south............................pygmaea (Cresson)
T1 punctures sparse and very weak; mesopleural punctures minute and sparse,
surface mirror-like (very shiny); 5-6mm; Asteraceae specialist; KS, MO and
south.........................................................texana Friese