

1. Leaf apices mucronate, open; costa narrower, excurrent, ending in a reddish awn..... 2. *A.*

obliquifolia

1. Leaf apices rounded, cucullate; costa very broad, ending at or below the leaf apex

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2. Leaves suborbicular or shortly broad-lingulate, less than 1.5 mm long; upper leaf cells rounded quadrate to transversely short-rectangular, moderately thick-walled..... 1. *A. brevirostris*

2. Leaves oblong-lingulate, usually 1.5–2.5 mm long; upper leaf cells transversely linear-rectangular, strongly thick-walled 3. *A. rigida*