

**S1 Table** Variability of morphology of nine *Asarum* species in Amami Group (after Hatusima & Yamahata 1988)

Species	Distribution*	Flower								Leaf blade			Flowering season***	
		Shape	Color**	Throat width (mm)	Length (mm)	Width of calyx tube (mm)	Length of peduncle (mm)	No. of carpels and stamens	Trichome	Length (cm)		Adaxial surface		
										Width (mm)	Length (mm)			
<i>A. lutchuense</i>	A, T	tubular	G, R	8.0	12-15	12-15	< 10	6 and 12	hispid	10-20	6-15	lustrous	November to January	
<i>A. celsum</i>	A	tubular	G, R	3.1	8-10	10	< 10	6 and 12	hispid	5-8	3-6	lusterless	December to March	
<i>A. fudsinoi</i>	A	tubular	G, R	5.3	15-30	15-20	< 10	6 and 12	glabrous	10-22	6-15	lustrous	December to June	
<i>A. gusk</i>	A	urceolate	G, R	3.4	11	8-9	< 10	6 and 12	hispid	8-9	4-5	lusterless	January to April	
<i>A. pellucidum</i>	A	urceolate	G, R	1.7	8	8	< 10	3 and 6	hispid	6-7	3-4	lusterless	December to January	
<i>A. trinacriiforme</i>	A	tubular	G, R	2.5	6-9	6-10	< 10	3 and 6	hispid	5-7	3-5	lusterless	March to May	
<i>A. hatsushima</i>	T	tubular	G, R	2.8	15-20	12-15	20-60	6 and 12	hispid	7-12	5-7	lusterless	March to April	
<i>A. leucosepalum</i>	T	tubular	WR	3.3	8-12	7-10	20-30	6 and 12	hispid	6-12	3-7	lusterless	March	
<i>A. simile</i>	T	tubular	G, R	4.0	10-13	12-15	< 10	6 and 12	hispid	7-12	5-7	lusterless	March to April	

\* Abbreviations: A, Amami Oshima Island; T, Tokunoshima Island.

\*\*Abbreviations: G, Green; R, Reddish green; WR, Reddish greenwith white layx lobes.

\*\*\*Based on obsevation between 2003-2010.