

A New Violet from the Ryukyus

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(With 2 figures)

琉球産スミレ属の一新種

初島住彦*

Viola amamiana Hatusima, sp. nov.

Planta glabra. Rhizoma elongatum repens dense ramosum. Caulis columna rhizomatis 2-8 mm. longa et 1 mm. crassa erecta vel ascendens. Folia radicalia plerumque 5, rosulata. Stipulae subulatae 1-1.5 mm. longae plerumque paucis (1-2) serratae vel rarius subintegrae. Lamina ovata vel ovato-elliptica 5-7 mm. longa et 4-5 mm. lata apice obtusa, basi cuneato-truncata rarius late cuneata paucis (1-2) crenata. Petioli plerumque 1 cm. longi subtereti. Pedunculi sub anthesin ca. 3 cm. longi, paucis pilosi, usque ad medium bibracteati. Bracteae oppositae subulatae ca. 3 mm. longae. Corolla lactea basin versus viridescens ca. 8 mm. lata. Petala inaequalia, superiora 2 anguste obovata apice rotundata ca. 3.5 mm. longa et 2.2 mm. lata, lateralia oblique oblongo-obovata ca. 4 mm. longa et 2.5 mm. lata media longitudinaliter paucis (plerumque 3) purpurei-striata. Sepala lanceolata ca. 3.5 mm. longa et 0.8 mm. lata apice obtusa. Carcar ca. 1.5 mm. longum et 1.5 mm. latum virides. Stigma clavatum apice dilatatum complanato-subellipticum. Fructus ellipticus obtuse trigonus ca. 2 mm. longus. Semina obovata apice obtusa ca. 0.7 mm. longa.

Type: On the mossy and rocky bank of the upper stream of the Sumiyo River, Isl. Amami-oshima, Ryukyus, S. Sako, 1964 (preserved in the Herb. Facult. Agric. Kagoshima Univ.)

The above description was based on the specimens transplanted from the above locality to Kagoshima city and flowered on May 26, 1965. According to the H. Melchior's sectional distinction this seems belong to § *Nominium-Stolonosae*.

The present species seems most closely related to *V. iwagawai* Mak. from the Ryukyus in its flower and leaves, but easily distinguishable from it by its smaller flowers and its different form and colour of glabrous leaves though the form of stigma is very similar.

摘 要

アマミスミレ (新称) 1963年教室の迫, 佐藤, 新城君等が奄美大島の住用川の上流で実に変わったスミレの一種を採集して来た。

多数の地下匍枝を出すこと, 花が白色であることなどヤクシマスミレに多少似たところがある。しかし花の大きさはヤクシマスミレの半分位で花冠の下方は緑色を呈することで異なっている。また葉の形, 色, 鋸歯の数を異にしている。すなわちヤクシマスミレの葉は青緑色で表面に粗毛が多

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Fig. 1. Flowers of *Viola amamiana* Hats. seen from front and side. $\times 2$



Fig. 2. *Viola amamiana* Hats. bearing a fruit. $\times 3$

いが本種は緑色で表面は全く無毛で鋸歯は1~2個または時として全く欠ぐので容易に区別出来る。
本種の生育地は河岸の蘚の密生した岩の上である。本種はヤクシマスミレ、ヤエヤマスマミレと共に一群をなすものとする。