

A FLORAL DESCRIPTION AND IMAGE OF THE UNCOMMON NATURAL HYBRID
SARRACENIA × *NACZII* MELLICHAMP (SARRACENIACEAE)

RAY NEYLAND • JENNIFER BUSHNELL • Department of Biology and Health Sciences • McNeese State University • Lake Charles • Louisiana 70609 • USA • rneyland@mneese.edu
WANNEE TANGKHAM • Department of Agricultural Sciences • McNeese State University • Lake Charles • Louisiana 70609 • USA

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Abstract: *Sarracenia* × *naczii* Mellichamp is an uncommon natural hybrid cross between *S. rosea* and *S. flava*. In naming *Sarracenia* × *naczii*, Mellichamp (2008) briefly described the floral characteristics of this hybrid. This paper provides additional floral information on this hybrid from the type locality.

Sarracenia × *naczii* Mellichamp is an uncommon natural hybrid cross between *S. rosea* Naczi and *S. flava* L. Confined to several counties in northwestern Florida, the type locality is located in a small roadside bog in Escambia County.

In naming *Sarracenia* × *naczii*, Mellichamp (2008) briefly described the floral characteristics of this hybrid. Specifically, he stated that the flower is typically pale yellow with a pink cast. Additional information concerning its floral characteristics and phenology is lacking in the literature. The purpose of this paper is to provide additional floral information on this hybrid. An image is also included (Fig. 1).

Materials and Methods

This study is primarily based on field and specimen observations. Additional information, derived from the literature and from herbarium specimens, augments this study. Specimens were preserved using standard herbarium techniques. A permit for collected material was not required. Taxonomy follows Mellichamp and Case (2009). Herbarium abbreviations follow Thiers (2015).

Results and Discussion

Images of the specimen sheets for the holotype (Mellichamp *s.n.*) and isotype (Mellichamp



Figure 1: *Sarracenia* × *naczii* flower at full anthesis.

s.n.) of *Sarracenia ×naczii* were kindly supplied by the UNCC and NCU herbaria respectively. Only leaves (no flowers) are present on these sheets. From the present study, herbarium specimens (leaves only) are housed in the LSU (Neyland 2454) and NCU (Neyland 2454) herbaria. The single floral specimen is housed at LSU (Neyland 2481).

From the type locality, several individuals were in bloom in 2015. The following data were derived from a single representative flower from the type locality (Fig. 1). Overall, the flower, when compared to others in the genus may be considered medium sized. For reference, the flower closely resembles in size that of *Sarracenia ×mitchelliana* G. Nicholson. Specifically, the calyx measured 5.5 cm wide. The sepals averaged 2.3 cm long × 1.8 cm wide. Each is ovate, and flat (not glossy) rose colored. The petals averaged 5.6 cm long × 2.1 cm wide. They are spatulate, satin textured and the same color as the sepals. A few small white spots appear on each petal. The style is 5.9 cm wide. The flower was first at full anthesis on March 30, 2015 and bore a sweet-musty scent. The scape measured 32 cm long. None of the flowers from this population appeared pale yellow as described by Mellichamp.

References

- Mellichamp, T.L. 2008. New names for natural hybrids in *Sarracenia*. *Carniv. Pl. Newslett.* 37: 112-117.
- Mellichamp, T.L., and Case, F.W. 2009. Sarraceniaceae. In: *Flora of North America* Editorial Committee, eds. 1993+. *Flora of North America North of Mexico*. Volume 8. Magnoliophyta. Paeoniaceae to Ericaceae. Oxford University Press, New York and Oxford. 348-363.
- Thiers, B. 2015. *Index Herbariorum: A global directory of public herbaria and associated staff*. New York Botanical Garden's Virtual Herbarium. <http://sweetgum.nybg.org/ih/>.



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