

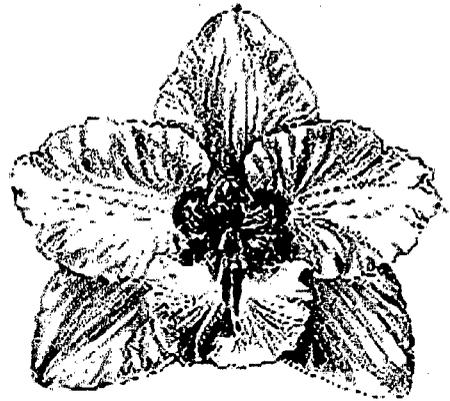
Odontoglossum Alliance Newsletter

Volume 5

August 2015

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ODONTOGLOSSUM FILAMENTOSUM

An attractive, rare and welcome addition to our collections.

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The first documentation of this interesting species was a single flowering plant cultivated by Manuel Arias in Palca, Peru, in 2002. The plant had been collected somewhere near the town of Oxapampa by Silvano Flores who tentatively identified it as "*Odontoglossum epidendroides* Kunth" (Figs. A, L). Some (poor) photos were taken by Dalström at the time and flowers were preserved in alcohol but the plant itself was left intact otherwise. This particular plant was probably sold shortly thereafter because it could not be located again during subsequent visits. The second documentation represents the type plant of *Odontoglossum filamentosum* Dalström & Deburghgraeve (Fig. B, C), which actually may be the same plant that was first observed in the Palca greenhouse. It had been imported to Europe by Guido Deburghgraeve (Fig. D) as "*Odontoglossum epidendroides*", or possibly "*Odontoglossum juninense* Schltr." (Fig. E), but the details were lost with time. The original identification by Silvano Flores was probably based on similarities to then known *Odontoglossum* species. Some years later, it was recognized by both Dalström and Deburghgraeve as an undescribed and striking new species.

During an annual foray in the herbarium of the Universidad de San Marcos (USM), Lima, in December 2013, a third and dried plant of *Odontoglossum filamentosum* was found. This time collected by a team lead by A. Monteagudo, while collecting for Missouri Botanical Garden. The site for this collection confirms the area near Oxapampa as the only known locality for this apparently very rare species. This specimen would also have constituted a more proper holotype if only it had been discovered before the type description was submitted and accepted for publication in *Lankesteriana* (Dalström & Ruíz-Pérez, 2013). Recently an additional plant in flower of this attractive orchid was observed in the same general area near Oxapampa (Figs. F, G) as a final confirmation of its true and very limited known habitat (Fig H). The forests surrounding the charming town of Oxapampa is rich in orchids that will catch the eye of any 'Odontoglossum-Cyrtorchilum nerd', such as *Odontoglossum blandum* Rchb.f. (Fig. I), and *Cyrtorchilum volubile* Poepp. & Endl., (Figs. J. K).

The flower morphology of *Odontoglossum filamentosum* is rather bizarre and unique with the elongated filament-like callus keels on the lip. Another distinguishing feature is the elongate base of the lip and also the column. No other *Odontoglossum* species with a 'flexible' lip (the lip lamina is attached to the ventral side of the column by a very short strap-like piece of tissue, which renders the lip flexible) can display anything even close to the dimensions of these features. *Odontoglossum lindleyanum* Rchb.f. & Warsc., has a superficially similar lip-column structure but the rigid attachment of the lip to the column through a fleshy ventral keel is very different. There exists one puzzling plant, however, that produce flowers intermediate between *O. filamentosum* and *O. epidendroides* (Fig L). The origin of this plant is also a mystery but because of the great similarity to both of the species mentioned, which are quite distinct from each other, we suspect that it may represent a natural hybrid. Both alleged parent species are known to occur not far from each other so the possibility of natural hybridization is not out-ruled.

LITERATURE CITED

Dalström, S. & S. Ruíz-Pérez. 2013. A new and striking *Odontoglossum* (Orchidaceae; Oncidiinae) from Peru. *Lankesteriana* 13(3): 401-405.

LIST OF PHOTOS

Fig. A: Flower of *Odontoglossum epidendroides*. Photo by S. Dalström.

Fig. B: The plant that became the holotype of *Odontoglossum filamentosum*. Photo by G. Deburghgraeve.

Fig. C: Flower study from the plant that became the holotype of *Odontoglossum filamentosum*. Photo by G. Deburghgraeve.

Fig. D: Guido Deburghgraeve on a look-out for *Odontoglossum* plants. Photo by S. Dalström.

Fig. E: Flower of *Odontoglossum juninense*. Photo by S. Dalström.

Fig. F: The forests near Oxapampa is the only known locality for *Odontoglossum filamentosum*. Photo by S. Dalström.

Fig. G: Plant of *Odontoglossum filamentosum* in its natural habitat. Photo by S. Ruíz.

Fig. H: Distribution map of *Odontoglossum filamentosum*.

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Fig. J: Plant of *Cyrtorchilum volubile* near Oxapampa. Photo by S. Dalström

Fig. K: Flower of *Cyrtorchilum volubile* near Oxapampa. Photo by S. Dalström.

Fig. L: Flower study of *Odontoglossum epidendroides* (left), *O. natural hybrid ?* (middle) and *O. filamentosum* (right). Photo by G. Deburghgraeve.



Fig. A Flower of *Odontoglossum epidendroides*
Photo by S. Dalstrom



Fig B the plant that became the holotype of
Odontoglossum filamentosum.
Photo by G. Depurghraeve



Fig C flower study from the plant that became
the holotype of *Odontoglossum filamentosum*
Photo by G. Depurghraeve



Fig. D Guido Depurghraeve on a look-out for
Odontoglossum plants. Photo by S. Dalstrom.



Fig. E. Flower of *Odontoglossum juninense*
Photo by S. Dalstrom

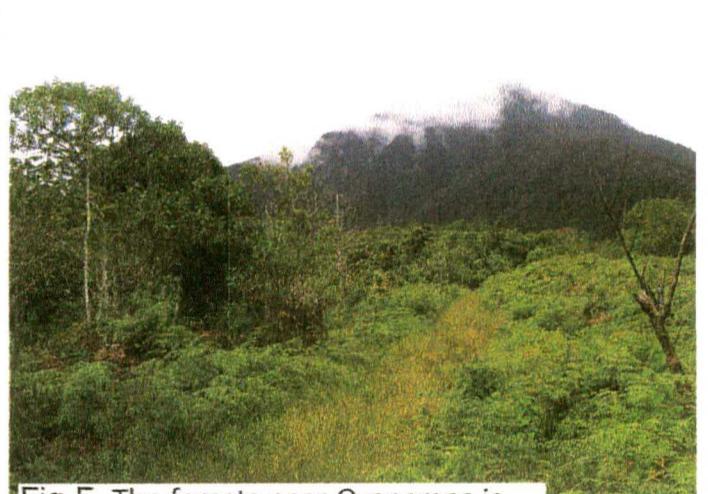


Fig F The forests near Oxapampa is
the only known locality for
Odontoglossum filamentosum. Photo
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Fig. G: Plant of *Odontoglossum filamentosum* in its natural habitat. Photo by S. Ruíz

Fig. H: Distribution map of *Odontoglossum filamentosum*.

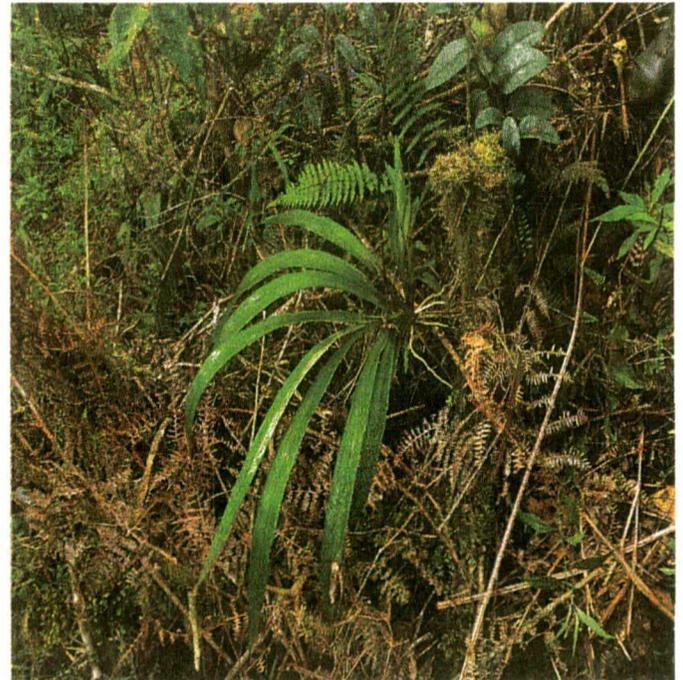


Fig. I: Flowering plant of *Odontoglossum blandum* near Oxapampa. Photo by S. Dalström.

Fig. J: Plant of *Cyrtochilum volubile* near Oxapampa. Photo by S. Dalström



Fig. K: Flower of *Cyrtochilum volubile* near Oxapampa. Photo by S. Dalström.



Fig. L: Flower study of *Odontoglossum epidendroides* (left), *O.* natural hybrid ? (middle) and *O. filamentosum* (right). Photo by G. Deburghgraeve.

Why is This Newsletter So Thin?

This issue of the newsletter is a little slim. The reason is that one of our best and consistent contributors of material, Andy Easton, has been dealt an unexpected blow. The ability to legally grow marijuana in California has made any greenhouse a very desirable and valuable piece of property. The greenhouse where Andy grows his plants is being sold. Andy has to move out of that place. We all hope he can find space and return to growing and contributing his valuable and interesting information on the *Odontoglossum* Alliance.

Request for Contributions to the Newsletter

We have only two consistent and regular contributors to material for the newsletter. I wish that all of our members would become, at one time or another, contributors to the newsletters. We are a geographically distributed group. All of our members would be interested in what is going on and happening. Why not write a short note or a longer note now and then. Take some pictures of your blooming plants and their lovely flowers. Send them to me at jemiller49@aol.com. It would be helpful to have the material sent via email. The material should be in Microsoft Word format. The pictures need captions and are best sent as jpeg images. This won't take much of your time and will give pleasure to all our members which number now about 80. I especially wish some of our members from Great Britain would share some of their happenings.

Odontoglossum Alliance Meeting to be Held in San Francisco 26 February 2016

The next meeting of the Odontoglossum Alliance will be held in San Francisco at the time of the San Francisco Orchid Show 26-28 February 2016. Economic conditions have shortened this show to 3 days with the Preview Party on Thursday night, 25 February 2016. We are having a joint meeting with the Pluerothalid Alliance on Friday 26 February.

The meeting will be held at the Fort Mason Center. I have included some material on the location in this newsletter. Featured wines will be served with dinner following. The menu will include choices of roast beef, turkey and vegetarian lasagna. Members of both Alliances living in the area will contribute by providing a variety of specialty dishes. All in recognition of the economic climate to make it as attractive as possible for members to attend. Two talks are planned: One by each of the Alliances (OA and PA). As usual there will be an auction of fine material from both alliances. I expect to see some premium Odont divisions available in the auction.

We will see if several local greenhouses can be available for touring on either or both Saturday and Sunday. Later in the newsletter is some material on local motels close to Fort Mason.

Several venues were considered and the overriding factor was the current economic climate. It is hoped this decision will be attractive to many of our members and that we will have a good turnout.

Tickets to the Preview Party and the show can be obtained over the internet. The address for the web site where these can be ordered is found is:

<http://www.orchidsanfrancisco.org/poe.html>

We expect the cost of the dinner at the meeting to be reasonable. Previous experience is the dinner and wine have all been on a pot luck basis. Your Odontoglossum Alliance will make an appropriate contribution. In the November 2016 newsletter we will have firmed up on those costs. In addition we will have information on how to make a reservation.

We look forward to a good crowd. In this November newsletter are some details on the meeting. This includes suggestions as to hotel locations close to the show. More details on the meeting will be in the November newsletter.

The San Francisco Orchid Show is the best show in North America to see Odontoglossum alliance material in the show. The sales area is huge with many opportunities to acquire high quality material.

A good web site to look for hotels is: www.sftravel.com. The specific page is <http://www.sanfranciscovisitor.com/bgt.html>. A selection of hotels picked from the web site follows.

Travelodge by the Bay (415) 673-0691

1450 Lombard St. San Francisco, CA 94123

Lombard Motor Inn (415) 441-6000

1475 Lombard St.

Francisco Bay Motel (415) 474-3030

1501 Lombard St.

Redwood Inn (415) 776-3800

1530 Lombard St.

Town House Motel (415) 885-5163

1650 Lombard St.

Star Motel (415) 346-8250

1727 Lombard St.

Cow Hollow Motor Inn* (415)-921-5800

Lombard Street

S F Motor Inn (415) 921-1842

1750 Lombard St.

Coventry Motor Inn (415) 567-1200

1901 Lombard St.

Ramada Limited (415) 775-8116

1940 Lombard St.

Buena Vista Motor Inn* (415) 923-9600

PO Box 475517 San Francisco, CA 94147

Chelsea Motor Inn (415) 563-5600

2095 Lombard St San Francisco, CA 94123

Motel Capri (415) 346-4667

2015 Greenwich St.

Hotel Del Sol (415) 921-5520

3100 Webster St.

Best Inn (415) 776-3220

2850 Van Ness Ave San Francisco, CA 94109

These hotels are within a couple of blocks of Fort Mason. These appear to be clean and comfortable, but not elegant. The web site offers reviews of the hotels. The ones marked with an * I have stayed at for previous meetings and shows. They are clean, neat, not elegant, reasonably priced and with parking. I often walked to the show from these hotels.

The meeting to be held on Friday evening will be adjacent to the show in the Fort Mason Complex. The address is:

Fort Mason Center

Landmark Building A

San Francisco, CA 94123

Phone 415-345-7500

Odontoglossum Alliance Dues

For those members who whose dues ended with the May 2015 newsletter, it is time to send in your payment for the coming year (s). If you have a mailing letter to PO Box 38 along with this newsletter, it is time to pay for the coming year. You may pay for the coming year at \$15.00... You also may pay for multiple years at \$15.00 per year. Enclosed is an envelope to send in your desired payment. Please do so promptly. You may use the Odontoglossum Alliance PayPal account. The Account address is jemiller49@aol.com.

Information Update

The Odontoglossum Alliance received invitations to meet and show at both the AOS Trustees upcoming meetings in North Carolina and the Orchid Show in Los Vegas. Your management discussed both of these invitations and after careful consideration decided to decline both. While they were generous welcoming invitations it was decided that at both locations there were few if any Odont Alliance members in the general area. We reasoned that few if any members would attend. Each invitation we receive has been and will in the future be given careful consideration.

