

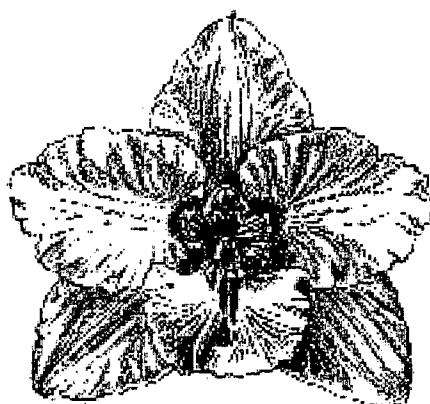
Odontoglossum Alliance Newsletter

Volume 49

May 2004

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Report on the Odontoglossum Meeting San Francisco 20 February 2004

A meeting of the Odontoglossum Alliance was held in San Francisco in conjunction with the San Francisco Orchid Show at Fort Mason. As the location of the spring AOS trustees meeting was being held in Kansas, it was decided to skip that venue in favor of San Francisco where more, by far, odontoglossum alliance material could be seen and available for purchase. A stalwart group of about 15 showed up on Friday morning for a bus tour and dinner. Originally some 20 people signed up for the tour to the Orchid Zone, but various individual problems forced cancellations. A cheery group of odontoglossum lovers took the hour and half bus trip to The Orchid Zone, owned by Terry Root. Terry was right on tap as we showed up and he was our guide. His starting words to us were "Don't touch anything, plants, leaves, pots, flowers and especially tags." So we started on the tour. The first house was filled with paphs of both the mottled variety and the cooler growing solid green leafed variety. It was impressive to see thousands of beautiful new hybrids. Especially interesting were the new crosses of mottled leaf paphs. Next we toured houses with lots of zygotetals and lycastes. The lycastes were especially fine. In these houses were some benches with odontoglossum intergenerics, which for the most part were not spectacular. The group was disappointed that it was not possible to purchase plant material that day. However Terry explained how one could purchase his plants.

Bob Hamilton and John Leathers had prepared a box lunch for everyone, which we enjoyed following the tour. We then drove to San Batista where we had dinner scheduled. Before dinner there was the opportunity to tour the San Batista Mission which was erected about 1800 and is still an active church. The town has been maintained as a tourist attraction of an early mission and cattle ranch era. We enjoyed a Mexican dinner at Jardines. Following dinner we held a small auction with some nice plant material donated by Bob Hamilton, Tim Brydon, Howard Liebman and Tom Perlite. Also auctioned were three of the water color paintings from the collection the Alliance purchased from Bruce Cobbledick. With that, the little band of odont lovers traveled back to San Francisco. It was a small group, but they had the pleasure of seeing the San Francisco show. There

were some very lovely odonts on display including a display by the local Odontoglossum Alliance members. Tom Perlite always has some beautiful material. A plant of Odm. Quistrom x Odm. nobile was particularly pleasing and beautiful. There were plenty of sales tables and several with alliance material. Well San Francisco is always a great city to visit.

The AOS Trustees meeting in 2005 is 20-25 April in Bloomington, Minnesota. Your organization will be looking hard at that location to determine if we are to have a meeting there. Please note that in 2005 the WOC will be held in Dijon, France which might be an alternate for a meeting with an international Odontoglossum Alliance day.

Robert Dugger Orchid Material

Mr. Bruce Dugger, son of the late Robert Dugger, offered to the Odontoglossum Alliance the non-plant material relating to Robert Dugger's orchid growing. The Alliance gratefully accepted the invitation and our Chairman of the Board, Helmut Rohrl volunteered to collect and examine the material as well as to recommend its archival disposition. His report follows.

I received from Bruce Dugger, son of Robert Dugger, a few boxes of orchid related material (as well as other material), including slides, issues of some journals and books. Unfortunately no breeding records were among the items given to me. I know that Bob Dugger kept meticulous breeding records and it is most regrettable that these records are missing. Among the books is the Georgius Rex book, which is a complete listing of the Odm. Georgius Rex progeny. With today's tools (Wildcat Database) the Georgius Rex book is just a relic, although it is an interesting 'historical' document showing the dedication and labor that Bob put into establishing it. Unfortunately the rather numerous slides are not professionally done and are just snapshots that to some degree suffer from discoloration. The few books are general orchid books of the type 'How to Grow...' No Odont related articles were in the boxes, even Bockemuhl's book on 'Odontoglossum...' was missing (I know he had a copy of this book). The journals are incomplete runs of the AOS Bulletin, Awards quarterly and The Orchid Reviews.

As a whole the material turned over to me was considerably less than I had hoped to see. I do not know why so little was around. I was told that toward the end of Bob's life some local person offered to take care of the greenhouse and that during this time many of Bob's plants disappeared. The same might have happened with the breeding records and other materials. I don't know the name of that person.

As far as disposal of the material is concerned, I propose to let me handle it as follows: I will get in touch with Botanical Building of the Huntington Botanical Garden in San Marino (part of the Greater Los Angeles area) and ask them whether they are willing to receive and maintain Bob Dugger's slide collection and the Georgius Rex book, with the understanding that they are accessible to interested orchid persons. This is easy for me to do as I am at this facility usually once a week. My choice of this facility is based on the relative closeness to Bob's home town near San Diego, its professionally run library facility and the fact that the Botanical Building is the site of the monthly Pacific South AOS judging sessions and the weekly editorial sessions of the Orchid Digest.

In addition I propose that we give the remaining items over to individual student judges and probationary judges of the Pacific South Judging Center. This would provide judges who are that the learning stage more printed material to study and hence would have a greater impact on the orchid community at large than

to distribute them to members of the Odontoglossum Alliance. I am certain Bob would be pleased by this.

When Bruce Dugger gave me the previously mentioned items he told me that in the boxes there might be some personal items not related to orchids, and asked me to discard them. Among these were slides (about 200) from a trip to Japan and China. I did dispose of them.

Helmut Rohrl

Helmut's report was approved and he subsequently reported that the Huntington Botanical Garden accepted the Dugger slides and the Georgius Rex book.

Call for Volunteers

The lifeblood of any organization is the volunteer who offer to take on various tasks to serve the organization. The Odontoglossum Alliance is always looking for volunteers to serve. We are looking for persons who would like to serve on the board of directors or be considered for any office in our Alliance. If you would like to take an active role in any of these positions please send tell our Chairman of the Board, Dr. Helmut Rohrl, (e-mail: hrohrl@usc.edu) or our President, Dr. Steve Beckendorf (e-mail: Beckendorf@uclink4.berkeley.edu).

If there is some special project that you would like the Alliance to undertake, again please communicate with our offices.

Finally, as your newsletter editor, I am always looking for good Odontoglossum Alliance material for the newsletter. This can be articles, growing notes, interesting experiences, photos (prints or slides), etc. Please send these to, The Odontoglossum Alliance at PO Box 38, Westport Point, MA 02791

Time For Membership Dues

Included with this newsletter on a separate paper is your dues status. Please note that there is a mailing label on this notice. Please check the mailing label for correctness.

You will see on the last line of the mailing label

"Dues Paid Through (followed by a date)

If that date is 05/04 Please submit your payment before 1 August 2004

If that date is anything other than 05/04 No payment is due.

Please note: We are no longer offering copies of The New Zealand Odontoglossum Alliance newsletter. It has been some time since we have received a newsletter from them. If and when we get one we will try and incorporate it into a normal mailing.

Wally Thomas's Report

World Orchid Conference 1999

The World Orchid Conference was held in Vancouver, British Columbia, Canada in 1999. One of the founding members of the Odontoglossum Alliance, Dr. Wally Thomas was the Chairman and organizer of the conference. Wally gave the Odontoglossum Alliance a full day on the crowded program. We had lectures in the morning and afternoon. There was a lunch at noon and a wonderful dinner at a Chinese restaurant in the evening that was fully attended. At that time Rebecca Northern was given the AOS Lifetime Achievement Award. It has been five years since that conference and Dr. Thomas has given us a final report on the financial aspects of the conference. Here is his report.

Greetings from all in Vancouver. It has been rather a long time since we have had contact and I thought that I would let you know that we are all well, taking nourishment and so on. After the conference I took a bit of a break – Shirley and I spend a good deal of time with our family – we still have 3 Newfys and I have finally got my Odont collection under some reasonable control – as to our disposition of the Conference funds. You may remember we ended the conference with some \$200,000 and have now established a Foundation for Orchid Research and Conservation. We have now applied to have it made a Charitable Foundation so that we may collect money and give out tax receipts. We have contacted the National Science and Engineering Council of Canada (NSERC) and they have set up a special write-up for orchids, so if there is an application that they vet and find worthy we will add \$5000.00 a year to their grant for a 2 year period. We should be able to easily carry one grant and if the interest rates would only go up we could help 2 grantees. Anyway it has stimulated some interest and we also have given \$5000.00 to the E-flora group in B.C. who are doing a survey of native plants and as a result of our help they are repaying us by doing the native orchid group first – well that is all the news – and Joyce, I read of your being Honoured for your work – Congratulations – So hoping that you are all well and trusting to see you – well – perhaps in France next Spring – cheers Wally
Wally Thomas

Helmut Rohrl is Fine after By-pass Surgery

Helmut Rohrl, Chairman of the Board of the Odontoglossum Alliance, underwent triple heart by-pass surgery on 24 April. On Thursday 29 April he was released from the hospital and is convalescing at home. He reports there is no damage to his heart, lungs or brain. In one week he plans to resume his regular very active schedule. We all wish him well and look forward to seeing him at our next Odontoglossum Alliance meeting.

Lifetime Achievement Award

The Odontoglossum Alliance has established a Lifetime Achievement award program to be given to individuals, groups of individuals, or organizations who by their achievement over a lifetime have made notable contributions to the understanding and/or progress of the orchids in the Odontoglossum alliance.

The Odontoglossum Alliance Lifetime Achievement Award

Awarded for a lifetime of significant achievements in orchid culture, scientific research, hybridizing or for outstanding service within the Odontoglossum alliance of orchids.

The award is usually given annually to a single individual, a group of individuals or an organization and presented at an orchid gathering or meeting where colleagues and peers may be present to enhance recognition of the award. The awardee/s may be given the opportunity to deliver an acceptance speech or preferably a lecture on some part of his/her accomplishments. In addition there may be an honorarium presented as well. Nominations, called for annually, are submitted to the President of the Odontoglossum Alliance who forwards them along with his/her recommendation to the Chairman of the Board of the Odontoglossum Alliance for final determination by the Board of Directors. There is no requirement that the award be made each year, but only upon the individuals nominated qualifications.

The Odontoglossum Alliance Newsletter will announce the period for nominations. Nominations submitted outside this period will be held over for consideration until the next open period.

Nominations for this award are now open and any individual may submit nominations. These should be sent to Dr. Steven Beckendorf, President, the Odontoglossum Alliance, 576 Vistamont Avenue, Berkeley, CA 94708. Nominations for the first award, to be given in 2005, will close on 31 August 2004.

1933-34 Charlesworth Catalog

The generosity of Ben Singer is again part of our newsletter. Ben has very generously reproduced the 1933-34 catalog of Charlesworth and Company, LTD. This catalog was a very large publication.

Part 1 Odontidoas	November 2003 newsletter
Part 2 Odotoglossums	February 2004 nesletter
Part 3 Miltonia, Odontonia, and Oncidium	May 2004 newsletter (in this newsletter)
Part 4 Vuylsetkera	August 2004 newsletter

MILTONIA.

(W.)

(named after Viscount Milton)

A genus which is becoming increasingly popular owing to the wonderful results of the hybridists' efforts. The richness of colouring, floriferous habit and decorative value of the recently raised hybrids are very remarkable. Their cultural requirements are comparatively easy; an equable temperature night and day of 60° Fahrenheit with plenty of moisture in the atmosphere and at the roots when growing should be aimed at. A compost of three parts well chopped fibre to one part sphagnum moss; potted in well-drained pots or pans, as they are notably shallow-rooting plants. The yellow thrips are very partial to this genus, war must continually be waged against them.

Nos.		Each.		
		£	s.	d.
1017	Cogniauxiæ (Brazil). Nice plants with 4 and 5 bulbs, 1 lead		7	6
1018	flavescens (Brazil). Nice plant with 5 bulbs, 1 lead		15	0
1019	phalænopsis (Colombia). Strong plants with 12 to 15 bulbs, 3 and 4 leads	1	1	0
1020	Roezlii (Colombia). Nice plant with 4 bulbs, 1 lead	1	1	0
1021	„ alba (Colombia). Nice plant with 5 bulbs, 1 lead	1	5	0
1022	spectabilis (Brazil). Good plants with 9 to 12 bulbs, 3 and 4 leads	10	6	
1023	„ rosea (Brazil). Small plant with 4 bulbs, 1 lead	12	6	
1024	vexillaria (Colombia). Good plants with 5 to 7 bulbs, 1 lead	7	6	
1025	„ Hesperia (Home raised). Good plants with 4 to 6 bulbs, 1 lead	7	6	
1026	„ Lyoth (Home-raised) (<i>vexillaria</i> , <i>chelsiensis</i> × <i>vexillaria</i> , <i>Memoria</i> G. D. Owen). Good plants with 4 and 5 bulbs, 1 lead	10	6	
1027	„ „ maculata. Good plant with 5 bulbs, 1 lead	2	12	6
1028	„ „ Shubbery variety. A.M., R.H.S. Good plant with 4 bulbs, 1 lead	3	3	0
1029	„ Memoria, G. D. Owen. Strong plant with 5 bulbs, 1 lead	15	0	
1030	„ Queen Alexandra. Strong plants with 4 and 5 bulbs, 1 lead	1	1	0
1031	„ robusta. Fine plants with 5 to 7 bulbs, 1 lead	10	6	
1032	„ superba. Good plants with 5 to 7 bulbs, 2 leads	7	6	
1033	Warscewiczii (Colombia). Strong plant with 4 bulbs, 1 lead	2	12	6

MILTONIA HYBRIDS.

(W.)

In addition to those listed we can offer strong, progressive plants of other varieties at 5s. 0d. and 10s. 6d. each, see page 112, and at proportionate reductions for quantities of 100 or 1,000 plants.

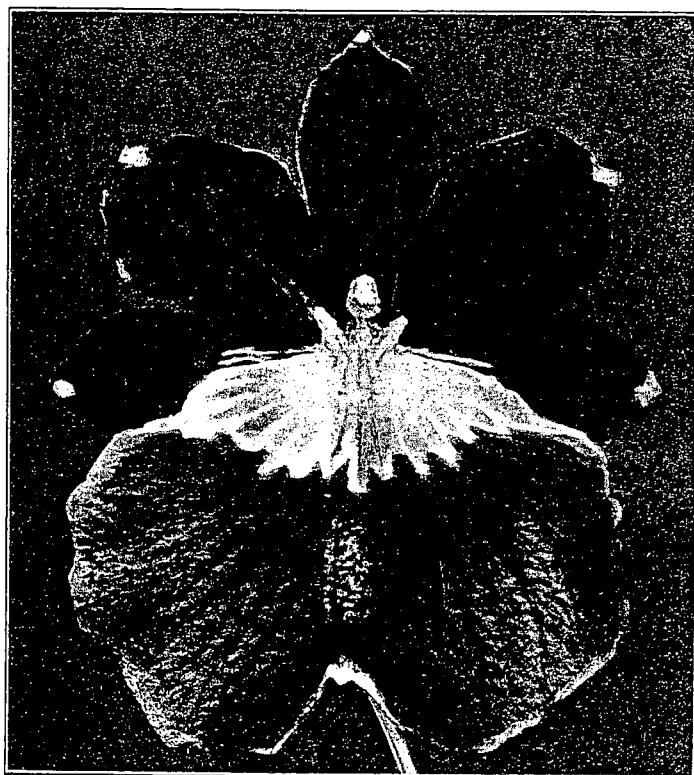
Nos.			Each.		
			£	s.	d.
1034	Beau Brummell, Aureole . A.M., R.H.S. (<i>Venus</i> × <i>Bleuana</i> , <i>Reine Elizabeth</i>)	A perfect flower. Sepals blush-white, petals tinged with purple. lip broad and round, blush-white, with dark crimson mask at base, from which radiate heavy lines of the same colour. Good plant with 5 bulbs, 1 lead ...	3	3	0
1035	.. .. decora . An exquisite flower. Sepals and petals rosy-purple, lip deep mauve with white markings. Nice plant with 5 bulbs, 1 lead ...		7	7	0
1036	Binotti... .. (Natural hybrid) (<i>candida</i> × <i>Regnelli</i>)	Nice plant with 4 bulbs, 1 lead ...	15		0
1037	<i>Bleuana</i> , alba (<i>vexillaria</i> × <i>Roezlii</i>)	Nice plant with 5 bulbs, 1 lead ...	2	2	0
1038	Bluntii, Lubbersiana (Brazil). (Natural hybrid) (<i>Clowesii</i> × <i>spectabilis</i>)	Nice plant with 5 bulbs, 1 lead ...	15		0
1039	<i>Cecilia</i> , nobilis (<i>Constance</i> × <i>Bleuana</i>)	Good plant with 5 bulbs, 1 lead ...	1	1	0
1040	Charlesworthii (<i>vexillaria</i> , <i>Memoria G. D. Owen</i> × <i>Hyeana</i>)	Strong plants with 4 to 6 bulbs, 1 lead ...	1	1	0
1041	Constance (<i>vexillaria</i> , <i>Lyoth</i> × <i>Isabel Sander</i>)	Strong plants with 4 and 5 bulbs, 1 lead ...	1	1	0
1042	.. Regina . A large good-shaped flower. Sepals, petals and lip rosy-mauve, with a rosy-purple mask. Strong plant with 6 bulbs, 1 lead ...		3	3	0
1043	Dora (<i>Beau Brummell</i> × <i>Lycæna</i>)	Good plants with 5 and 6 bulbs, 1 lead ...	1	1	0
1044	.. Etna . Nice plants with 4 to 6 bulbs, 1 lead ...		2	2	0
1045	Eleanor Dixon (<i>vexillaria</i> × <i>gattonensis</i>)	A flower of fine proportions and splendid shape, white throughout with faint flush at base of petals, and distinct yellow mask on lip. Good plant with 5 bulbs, well leaved, 1 lead ...	3	3	0
1046	Ethel H. du Pont (<i>Lena</i> × <i>William Pitt</i>)	An attractive flower. Sepals and petals rose colour, lip flushed with rose and a deep purple mask. Nice plants with 4 to 6 bulbs, 1 lead ...	2	2	0
1047	.. .. splendens . A very fine flower. Sepals and petals garnet-red, lip rosy-mauve with white margin, mask deep crimson with a white circle. Good plant with 4 bulbs, well leaved, 1 lead...		12	12	0
1048	F. E. Dixon (<i>Freya</i> × <i>William Pitt</i>)	A fine hybrid, flower medium size. Sepals, petals and lip rosy-purple with a distinct yellow mask. Strong plant with 6 bulbs, well leaved, 1 lead ...	10	10	0
1049	Freya, Mena (<i>Lady Veitch</i> × <i>William Pitt</i>)	A large well-proportioned flower. Sepals and petals rich purple, lip rosy-purple with yellow mask. Good plant with 4 bulbs, 1 lead ...	5	5	0



MILTONIA VEXILLARIA, Var. LYOTH.



MILTONIA CHARLESWORTHII.



Miltonia William Pitt.

MILTONIA HYBRIDS.

(W.)

Nos.			Each.		
			£	s.	d.
1050	Freya, purpurea .	A large rosy-purple flower, nearly self-coloured, with white margin. Strong plant with 5 bulbs, well leaved, 1 lead ...	12	12	0
1051	gattonensis	... (Bleuana × Charlesworthii) Strong plants with 4 to 6 bulbs, 1 lead ...	1	1	0
1052	.. Albion .	A splendid variety of fine size and shape, the whole flower white with a distinct lemon-yellow mask. Good plant with 5 bulbs, 1 lead ...	7	7	0
1053	.. Moonray .	A magnificent well-shaped flower. Sepals, petals and lip snowy-white, with red lines radiating from centre of mask which is deep yellow. Strong plant with 3 bulbs, and making a vigorous new growth ...	15	15	0
1054	Greta	... (Charlesworthii × William Pitt) Good plants with 4 to 6 bulbs, 1 lead ...	1	1	0
1055	.. fulgens .	A handsome variety, large and good shape, the whole flower claret-red with a striking yellow mask. Nice plant with 4 bulbs, 1 lead ...	10	10	0
1056	Hycana. F. M. Ogilvie, papillon	... (Bleuana × vexillaria) A very fine variety, flower large and fine shape. Sepals and petals flushed mauve with white margin, lip rosy-mauve with velvety purple mask. Strong plant with 6 bulbs, 1 lead ...	3	3	0
1057	.. Memoria Peetersii .	A very distinct variety. Sepals, petals and lip violet-mauve, with a yellow mask and brown lines. Strong plant with 5 bulbs, well leaved, 1 lead ...	5	5	0
1058	Hypatia, Topaz	... (vexillaria, Lyoth × Lycæna) A large flower, showing the influence of M. Lycæna. Sepals and petals rosy-mauve, lip slightly flushed rose with a dark mask. Grand plant with 4 bulbs, 1 lead ...	3	3	0
1059	Iona	... (Adula × Greta) Good plants with 4 and 5 bulbs, 1 lead ...	10		6
1060	Kennie	... (Charlesworth's strain) (vexillaria, Lyoth × Venus) Grand plants with 4 and 5 bulbs, 1 lead ...	1	1	0
1061	.. Mulatto .	A striking hybrid. Sepals and petals rosy-mauve, margin of lip similar colour, having a large central area of rich purple. Nice plant with 4 bulbs, well leaved, 1 lead ...	3	3	0
1062	Lucia, excelsa	... (vexillaria × Princess Margaret) A handsome hybrid, large and fine shape. Sepals and petals rosy-crimson, lip central area similar colour, shading paler at margin, with a distinct yellow mask. Splendid plant with 5 bulbs, well leaved. 2 leads ...	15	15	0
1063	.. Senator .	A large variety. Sepals and petals blush-rose, lip broad, beautifully flushed crimson-lake, with a brown and yellow mask. Good plant with 5 bulbs, 1 lead ...	3	3	0
1064	Lycæna	... (Princess Margaret × Lord Lambourne) A large flower, good shape. Sepals and petals flushed rose with purple base, lip rose flushed, and yellow mask. Strong plants with 5 bulbs, well leaved, 1 lead ...	2	2	0

MILTONIA HYBRIDS.

Nos.		(W.)	Each.		
			£	s.	d.
1065	<i>Lycæna</i> .	F.C.C., R.H.S. A splendid variety, flowers extra large, and fine shape. Petals broad, rich crimson with white tips, sepals white, lined purple at base, lip broad, rosy-purple area surmounted with purple rays with a chestnut-brown mask. Strong plant with 4 bulbs, well leaved, 1 lead ...	21	0	0
1066	..	Regina. A magnificent variety of splendid size and shape. Sepals flushed rose, petals carmine-rose with white tips. Lip large, solid carmine-rose with deep white margin, mask chestnut-red, with rose lines radiating in a circle of white (see painting). Good plant with 6 bulbs, 1 lead ...	21	0	0
1067	..	Sylvia. A distinct flower. Sepals and petals deep rosy-magenta with white margin, lip similarly coloured, with brighter mask. Good plant with 6 bulbs, 1 lead ...	7	7	0
1068	<i>Lydia</i> , purpurea	... (Princess Mary × Beau Brummell) A medium-sized variety of splendid shape, the whole flower deep petunia-purple, mask yellow with claret-red lines. Nice plant with 4 bulbs, 1 lead ...	10	10	0
1069	..	Radiant. A richly-coloured flower, sepals, petals and lip deep rose with a distinct yellow mask. Strong plant with 5 bulbs, well leaved, 1 lead ...	5	5	0
1070	..	Regina. A.M., R.H.S. A fine flower of exquisite shape. Sepals and petals rich crimson, lip wide, white with a mask and spotting of dark crimson, shaded lighter crimson at the margins. Good plant with 6 bulbs, well leaved, 1 lead ...	52	10	0
1071	<i>Lyona</i>...	... (Lycæna × Mona) Nice plants with 4 and 5 bulbs, 1 lead ...	2	2	0
1072	..	lustre. A handsome flower of splendid shape. Sepals, petals and lip rich purple-red, maroon mask, purple rays radiating within a circular band of white (see painting). Good plant with 4 bulbs, 1 lead ...	15	15	0
1073	<i>Memoria</i> H. T. Pitt...	... (Princess Mary × William Pitt) Nice plants with 4 and 5 bulbs, 1 lead ...	2	2	0
1074	..	.. F.C.C., M.O.S. A flower of unusual blend of colour. Sepals, petals and lip crushed strawberry, with a purple mask. Good plant with 7 bulbs, well leaved, 1 lead ...	7	7	0
1075	..	.. Garnet. A large flower of fine form. Sepals, petals and lip rich rosy-purple throughout, mask rayed deep chestnut. Nice plant with 5 bulbs, well leaved, 2 leads ...	5	5	0
1076	<i>Miona</i>...	... (Lycæna × Telka) Good plants with 4 and 5 bulbs, 1 lead ...	2	2	0
1077	..	Alata. Strong plant with 5 bulbs, 1 lead ...	4	4	0
1078	<i>Mirabel</i> , Iago	... (Charlesworthii × Constance) Good plant with 5 bulbs, 1 lead ...	2	2	0
1079	<i>Mona</i> ...	... (St. Andre × Charlesworthii) Good plants with 4 and 5 bulbs, 1 lead ...	1	1	0
1080	<i>Nyasa</i>...	... (gationensis × Bleuana, Reine Elizabeth) Nice plants with 3 and 4 bulbs, 1 lead ...	2	12	6

MILTONIA HYBRIDS.

(W.)

Nos.		Each.	
		£	s. d.
1081	Oneita (Princess Margaret × Lycæna) Nice plant with 4 bulbs, 1 lead	2	2 0
1082	.. Nebula. Strong plant with 5 bulbs, 1 lead	4	4 0
1083	.. rubra. An attractive variety of good size and shape. Sepals, petals and lip deep ruby-red, chestnut-brown mask with white rays underneath. Nice plant with 3 bulbs, 1 lead	26	5 0
1084	Princess Mary, amabilis (Hyeana × Bleuana) A large good-shaped flower. Sepals, petals and lip blush-rose, with a deep rosy-coloured mask. Nice plant with 6 bulbs, 1 lead	3	3 0
1085	pulchra, insigne (Lycæna × William Pitt) Good plants with 5 bulbs, 1 lead	3	3 0
1086	.. Lyoth. F.C.C., R.H.S. An exquisite hybrid of glowing colour, large and perfect shape. Sepals and petals rich crimson with a narrow margin of rose, lip broad and round, rich crimson, having a reddish-brown mask edged rosy-mauve. Nice plant with 4 bulbs, well leaved, 1 lead	105	0 0
1087	.. nobilior. A brilliant, large, well-balanced flower, the whole a rich cardinal-crimson, including the mask, under which is a radiating white margin (see painting). Nice plant with 3 bulbs, all leaved, 1 is a lead	36	15 0
1088	Sheila (William Pitt × Beau Brummell) Nice plant with 4 bulbs, 1 lead	1	11 6
1089	.. Argus. A flower of medium size, fine shape. Sepals and petals rosy-purple, the former having a narrow white margin. Lip broad, rosy-magenta with yellow mask. Good plant with 5 bulbs, well leaved, 1 lead	5	5 0
1090	Sybilla... .. (pulchra × Lord Lambourne) A superb variety, large and splendid shape. Sepals, petals and lip deep carmine-rose, the yellow mask a perfect facsimile of a butterfly, with an under circle of white. Good plant with 4 bulbs, 1 lead	31	10 0
1091	Telka. Dawn (vexillaria × William Pitt) Strong plant with 5 bulbs, 1 lead	2	2 0
1092	.. Zeus. A medium-sized flower of good shape. Sepals, petals and lip beautifully marbled on a mauve ground. Good plant with 5 bulbs, 1 lead... ..	7	7 0
1093	Vida, Comet (William Pitt × Bleuana) Good plant with 4 bulbs, 1 lead	3	3 0
1094	William Pitt (Isabel Sander × Bleuana, Reine Elizabeth) Good plants with 4 to 6 bulbs, 1 lead	1	1 0
1095	.. .. atro-purpurea. F.C.C., R.H.S. A perfectly-shaped flower, sepals and petals of velvety rosy-purple, large labellum of solid purple colour with a white margin, mask having a white ground lined deep rose. Nice plant with 4 bulbs, well leaved, 1 lead	26	5 0
1096	.. .. Gemma. A nice flower. Sepals and petals rosy-purple, labellum rose with a yellow mask. Strong plant with 5 bulbs, 1 lead	3	3 0

MILTONIODA (*hybrids from Miltonia × Cochlioda*). An extremely interesting race of hybrids, all of which show a predominating influence of the Cochlioda colour. Their cultural requirements are similar to Miltonia.

Nos.					Each.		
					£	s.	d.
1097	..	Ajax	... .. (C. Noezliana × M. Schræderiana)				
			Good plants with 5 and 6 bulbs, 1 lead	... ..	10	6	
1098	..	Harwoodii	... .. (C. Noezliana × M. vexillaria)				
			Nice plants with 3 and 4 bulbs, 1 lead	... ..	2	2	0
1099	..	..	illustre. Flower medium size. Sepals and petals cochineal-carmine, lip broad, rosy-magenta. Strong plant with 4 bulbs, 1 lead	... ..	12	12	0
1100	..	Lilian	... .. (M. Warszewiczii × Miltonioda Harwoodii)				
			Nice plants with 4 to 6 bulbs, 1 lead	... ..	1	1	0
1101	..	Nada	... .. (Miltonioda Lilian × M. Charlesworthii)				
			Small plant with 3 bulbs, and making a new growth	... ..	3	3	0

MONOMERIA (*from monos, one, and meris, a part; in reference to the single anther*). A small genus of three or four species only, closely allied to Bulbophyllum and requiring similar cultural treatment.

1102	W.	..	barbata (Himalaya). Grand specimen with 22 bulbs, 5 leads	... ..	2	2	0
1103	..	..	Crabro (Burma). Good plants with 5 to 7 bulbs, 1 lead	... ..	1	11	6

MORMODES (*from mormo, a goblin; referring to the strange appearance of the flowers*). A very curious and interesting deciduous genus, closely allied to Catasetum but differing chiefly in not having horns attached to the column. Their cultural requirements are similar to Catasetum.

1104	W.	..	colossus (Costa Rica). A.M., R.H.S. Nice plant with 2 strong bulbs, 1 lead	5	5	0
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MORMOLYCE (*from mormo, a goblin, and lukos, wolf; in reference to the shape of the flowers*). A small genus allied to Maxillaria, and requiring similar cultural treatment.

1105	lineolata (Mexico). Nice plants with 4 and 5 bulbs, 1 and 2 leads	1	1	0
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NANODES (*from nanodes, a pigmy; in reference to the small size of the plants*). A small genus of interesting plants which thrive well grown in baskets or pans suspended from the roof of a cool house.

Nos.							Each.		
							£	s.	d.
1106	..	Matthewsii (Peru). Strong plants with 5 to 7 well-leaved growths	...	...	...	...	1	5	0
1107	..	Medusæ (Ecuador). Good plant with 5 growths, 4 are new	...	...	...	...	2	12	6

NEOLAUCHEA (*dedicated to Mr. W. Lauche*). A small and rare genus, requiring Cattleya house treatment.

1108	..	pulchella (Brazil). Good plants with 30 to 35 bulbs, 10 leads	15	0	
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NEMOOREA. A monotypic species, closely allied to *Houlletia*. It should be grown in plenty of heat and atmospheric moisture, and not exposed to full sunlight in summer.

1109	W.	..	irrorata (Peru). Good plant with 4 bulbs, 1 lead	5	5	0
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OCTOMERIA (*from okto, eight, and meris, a part; in allusion to the pollen masses*). A genus producing small inconspicuous flowers of botanical interest only; rather like *Pleurothallis* and *Masdevallia* in habit, and requiring similar cultural treatment.

1110	C.	..	diaphana (Brazil). Nice plant with 9 growths, 3 leads	...	...	...	10	6	
1111	..	..	Glazouxiana (W. Indies). Nice plants with 7 to 9 bulbs, 2 leads	...	...	...	7	6	
1112	..	..	grandiflora (Brazil). Splendid plants with 40 to 50 bulbs, numerous leads	...	...	...	7	6	
1113	..	..	lithophila (Brazil). Strong plants with 30 to 35 bulbs, 5 and 6 leads	...	...	...	15	0	
1114	..	..	sarcophylla (rare) (Brazil). Strong plants with 12 to 15 bulbs, 3 and 4 are new	...	...	...	15	0	

61

ODONTONIA.

(I.)

(hybrids from *Miltonia* × *Odontoglossum*)

A comparatively new genus of home-raised hybrids, which we have paid special attention to with very encouraging results. By introducing the *Miltonia* blood we have produced a race of "warm-growing *Odontoglossums*." Their brilliancy of colouring, exceptional lasting quality of flowers and adaptability to variable temperatures in culture enhances their popularity every year.

Our stock now enables us to offer them at very tempting prices. They may be grown in a warm intermediate house if space is available, or with *Odontoglossums*; shading from direct sun during Spring and Summer is important.

Nos.			Each.		
			£	s.	d.
1345	Acilla...	(<i>Odontonia Ceres</i> × <i>O. Doreen</i>)			
	Good plant with 4 bulbs, well leaved, 1 lead ...		3	3	0
1346	Adela	(<i>Odontonia Dora</i> × <i>O. St. George</i>)			
	Flower large and good shape. Sepals and petals claret-red, tipped rose, lip rosy-purple, shaded mauve at edge. Good plant with 5 bulbs, well leaved 1 lead ...		6	6	0
1347	Aglaon	(<i>Odontonia Thais</i> × <i>O. Aglaon</i>)			
	A handsome hybrid. Sepals and petals purple-crimson, with rosy-coloured and white markings, apex of lip blush-rose, base ruby-crimson, and yellow disc (see painting). Strong plant with 5 bulbs, well leaved, 1 lead ...		5	5	0
1348	.. A.M., R.H.S.	A splendid flower of good size. Sepals and petals purple-crimson with white markings and margin, lip broad, lower portion mauve on a white ground with a central blotch of rosy-purple, yellow crest. Good plant with 3 bulbs, well leaved, 1 lead ...	15	15	0
1349	Alesia	(<i>Odontonia Milly</i> × <i>O. Llewellyn</i>)			
	Sepals and petals deep ruby-purple with blush-white tips, basal half of lip coloured like the petals, the broad front half and side lobes pure white. Strong plant with 4 bulbs, well leaved. 1 lead ...		4	4	0
1350	.. A.M., M.O.S.	A large flower of <i>Miltonia</i> shape. Sepals and petals rosy-purple, with a mauve margin. Lip rosy-mauve having a white margin. Strong plant with 5 bulbs, and a vigorous new growth ...	6	6	0
1351	Alexandra	(<i>Odontonia Merope</i> × <i>O. Crethus</i>)			
	A splendid flower. Sepals and petals blotched chestnut-red on white ground, labellum having chestnut central blotch with rosy-mauve margin. Strong plants with 4 and 5 bulbs, well leaved, 1 lead ...		5	5	0
1352	.. A.M., R.H.S.	A magnificent variety. Sepals and petals rich purple on a white ground, labellum medium size, with numerous rosy-purple spots (see painting). Good plant with 3 bulbs, 2 of which have leaves, 1 lead ...	12	12	0
1353	Aloma	(<i>Odontonia Leila</i> × <i>Miltonia Princess Imperial</i>)			
	Flower medium size, good shape. Sepals, petals and lip rich mauve, thickly spotted rosy-purple (see painting.) Nice plant with 4 bulbs, 3 of which have leaves, 1 lead ...		5	5	0
1354	Amasia	(<i>Odontonia Merope</i> × <i>O. Britannia</i>)			
	Strong plant with 4 bulbs, well leaved, 1 lead ...		2	2	0

ODONTONIA.

(I.)

Nos.			Each.		
			£	s.	d.
1355	Amata	(<i>Odontonia Merope</i> × <i>O. Purple Queen</i>) A large shapely flower. Sepals, petals and lip mahogany-brown on a white ground. Nice plants with 4 and 5 bulbs, well leaved, 1 lead	3	3	0
1356	Amphæa	(<i>Odontonia Duchess of York</i> × <i>O. Clonius</i>) Good plants with 4 bulbs, well leaved, 1 lead	3	3	0
1357	„ Triton	A good-shaped flower. Sepals and petals heavily blotched dark brown, labellum barred with brown on a white ground. Grand plant with 5 bulbs, 2 of which have leaves, 1 lead	7	7	0
1358	Ancona	(<i>Odontonia Olivia</i> × <i>O. rêve d'or</i>) Good plants with 3 and 4 bulbs, well leaved, 1 lead	1	1	0
1359	Andromeda	(<i>Odontonia Duchess of York</i> × <i>O. St. James</i>) A distinct flower, medium size. Sepals and petals marked purple, shading to mauve on a white ground, lip lavender with chestnut-brown markings and a yellow crest. Good plant with 4 bulbs, 3 of which have leaves, 1 lead	4	4	0
1360	Ardonia	(<i>M. William Pitt</i> × <i>O. Clonius</i>) A charming Miltonia-sized flower. Sepals, petals and lip thickly spotted violet-purple on a white ground with an orange-yellow crest. Nice plant with 4 bulbs, well leaved, 1 lead	3	3	0
1361	Areta...	(<i>Odontonia Laguna</i> × <i>O. Clonius</i>) A flower of much promise, good shape and size. Sepals and petals rosy-mauve, spotted purple and white tips, large flat lip, spotted purple on rosy-mauve ground. Good plants with 3 and 4 bulbs, well leaved, 1 lead	3	3	0
1362	Argyra...	(<i>Odontonia Baroness Schröder</i> × <i>O. crispum</i> , Premier type) Good plant with 4 bulbs, well leaved, 1 lead	1	11	6
1363	Aulis	(<i>Odontonia Ceres</i> × <i>O. xanthinum</i>) Good plants with 4 and 5 bulbs, well leaved, 1 lead	1	1	0
1364	Aura	(<i>Odontonia Ceres</i> × <i>O. rêve d'or</i>) Flower medium size. Sepals and petals blotched chestnut-brown on a yellow ground, lip pale yellow. Good plants with 3 and 4 bulbs, well leaved, 1 lead	2	2	0
1365	„ Goldbeam	An attractive good-shaped flower of medium size. Sepals and petals buttercup-yellow, slightly spotted mahogany-red. Lip primrose-yellow having a chestnut-red mask and yellow crest. Splendid plant with 5 bulbs, well leaved, 1 lead	7	7	0
1366	Avella...	(<i>Odontonia Latona</i> × <i>O. Princess Yolande</i>) Strong plants with 4 and 5 bulbs, well leaved, 1 lead	2	12	6
1367	Avril Gay	(<i>Odontonia Duchess of York</i> × <i>O. Serapis</i>) Nice plants with 3 and 4 bulbs, well leaved, 1 lead	1	11	6
1368	„ „ Priam	A large well-shaped flower. Sepals and petals heavily blotched reddish-purple on a blush-white ground, lip blush-white, spotted mahogany-red and having a ruby-red mask. Strong plant with 4 bulbs, well leaved, 1 lead	7	7	0
1369	Baroness Schröder, amabilis	(<i>M. Bleuana</i> × <i>O. The Czar</i>) An exceedingly beautiful variety, flower good shape and size. Sepals and petals claret-red, labellum pale rose richly lined with purple and having a distinctly rayed disc. Good plant with 4 bulbs, well leaved, 1 lead	10	10	0

ODONTONIA.

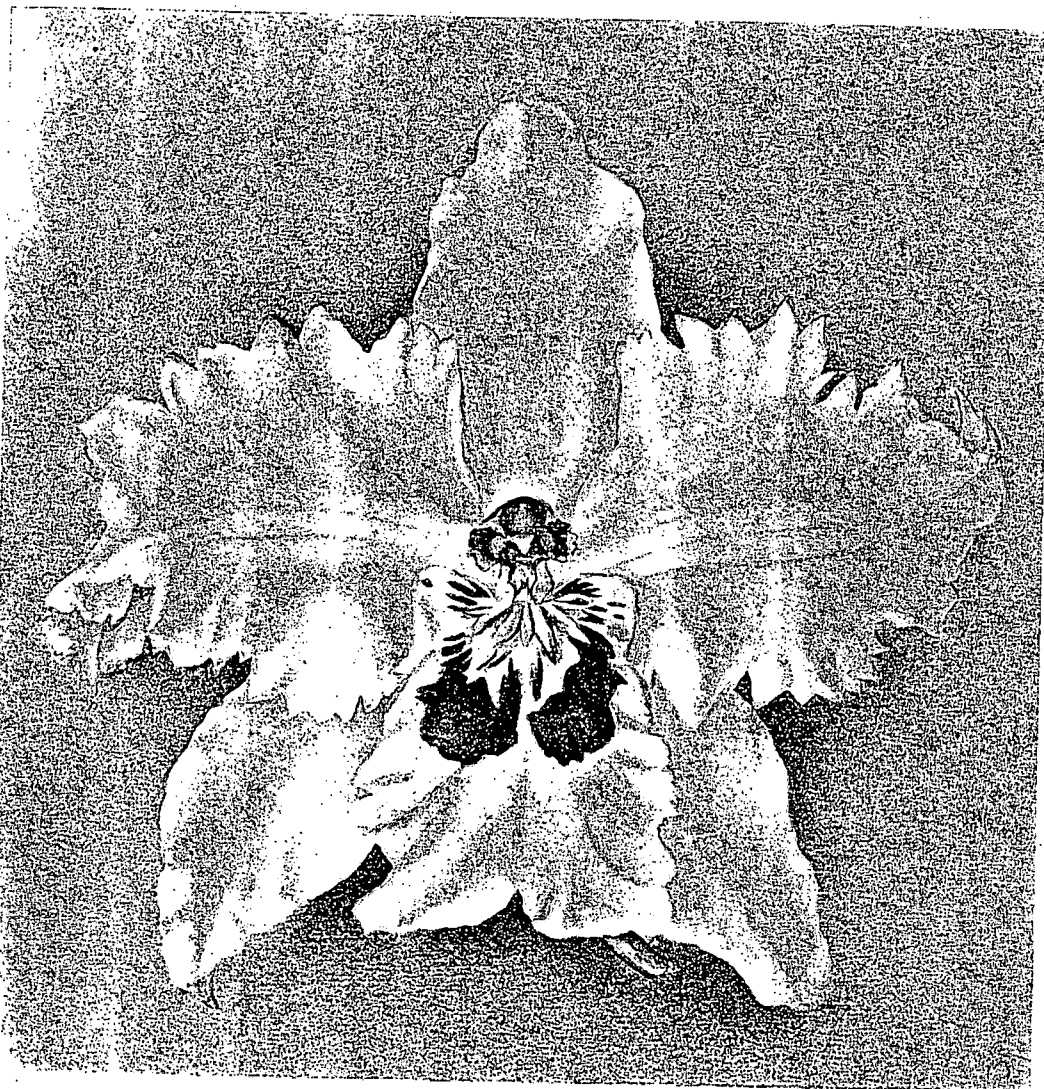
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Nos.			Each.		
			£	s.	d.
1370	Carina	... (Odontonia Duchess of York × O. Camilla) A large good-shaped flower. Sepals and petals magenta having a mauve margin. basal half of lip white, centre rosy-purple. Good plant with 5 bulbs, well leaved, 1 lead	4	4	0
1371	Catana	... (M. Bleuana × O. eximium) A medium-sized pale mauve flower with a white margin. Good plant with 4 bulbs, well leaved, 1 lead	3	3	0
1372	Chlorantha	... (Odontonia Ceres × O. Lemonora) An attractive hybrid. Sepals and petals laburnum-yellow, spotted chestnut-red. Lip primrose-yellow, basal half white, slightly spotted chocolate-red. Good plant with 3 bulbs, well leaved, 1 lead	10	10	0
1373	Cibota	... (Odontonia Sappho × O. Omega) A pleasing flower. Sepals and petals dark purple, lip rosy-purple, basal half white and yellow crest. Good plants with 3 and 4 bulbs, well leaved, 1 lead	4	4	0
1374	Cissa	... (Odontonia Alexandra × O. Tityus) Nice plant with 4 bulbs, well leaved, 1 lead	3	3	0
1375	„ A.M., R.H.S.	A large handsome well-shaped flower. Sepals and petals heavily blotched reddish-purple on a blush-white ground. Lip spotted rosy-mauve on a white ground, mask spotted chestnut-red. Strong plant with 3 bulbs, well leaved, 1 lead	15	15	0
1376	Corona	... (M. Warscewiczii × O. Harryanum) A remarkable flower showing much influence of M. Warscewiczii. Sepals and petals chocolate-purple with yellow tips, lip white with purple apical half. Splendid plants with 4 to 6 grand bulbs, well leaved, 1 lead	3	3	0
1377	Crusader	... (Odontonia Dora × O. crispum) Flower medium size, Miltonia shape. Ground colour pale mauve, sepals, petals and upper part of lip spotted purple-red. Grand plant with 3 bulbs, well leaved, 1 lead	5	5	0
1378	Cynthia	... (M. Charlesworthii × O. Gorizia) A distinct hybrid, good size. Sepals and petals almost solid chestnut-red, lower half of lip rosy-purple with white margin. Good plants with 4 and 5 bulbs, well leaved, 2 leads	4	4	0
1379	Dana	... (Odontonia Duchess of York × O. Naomi) Nice plants with 2 and 3 bulbs, well leaved, 1 lead	1	11	6
1380	Decia	... (M. Bleuana × O. Thetis) A nice flower of Miltonia shape and medium size. Sepals and petals heavily blotched maroon on a mauve ground. Lip chestnut-red with a pale mauve margin. Good plants with 3 and 4 bulbs, 1 lead	3	3	0
1381	Devona	... (Odontonia Nesta × O. Fabia) A splendid hybrid of medium size, favouring the former parent. Sepals and petals rosy-purple, lip similar colour with a purple mask. Strong plant with 4 bulbs, well leaved, 1 lead	7	7	0
1382	Dolce	... (Odontonia Merope × O. Radiant) A medium-sized flower. Sepals, petals and lip blotched chestnut-brown on a white ground. Strong plant with 4 bulbs, well leaved, 1 lead	3	3	0

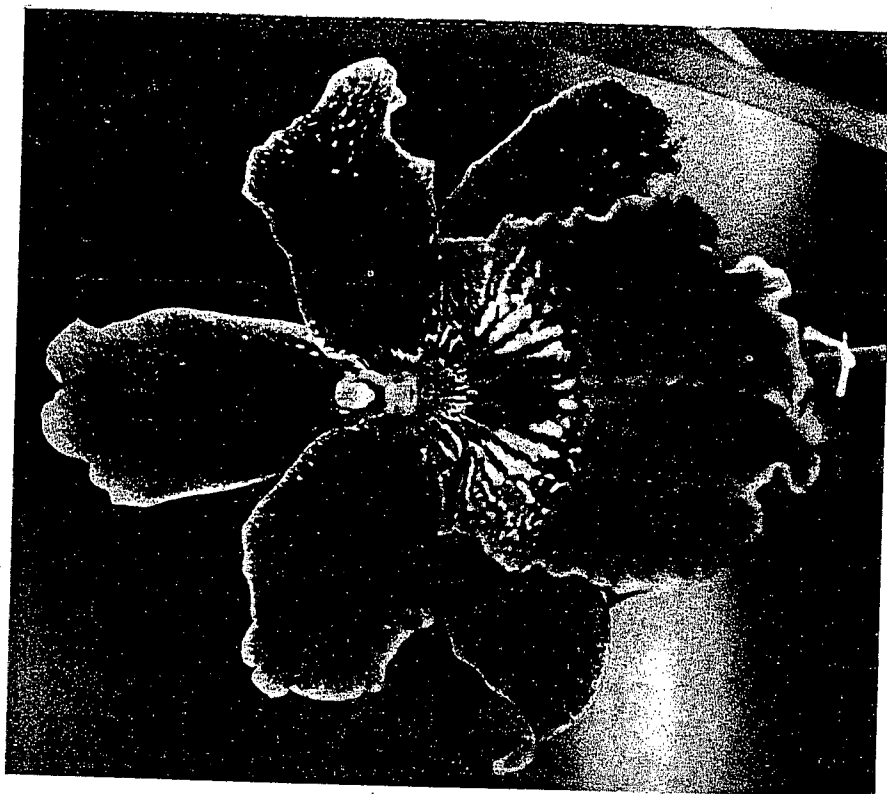
ODONTONIA.

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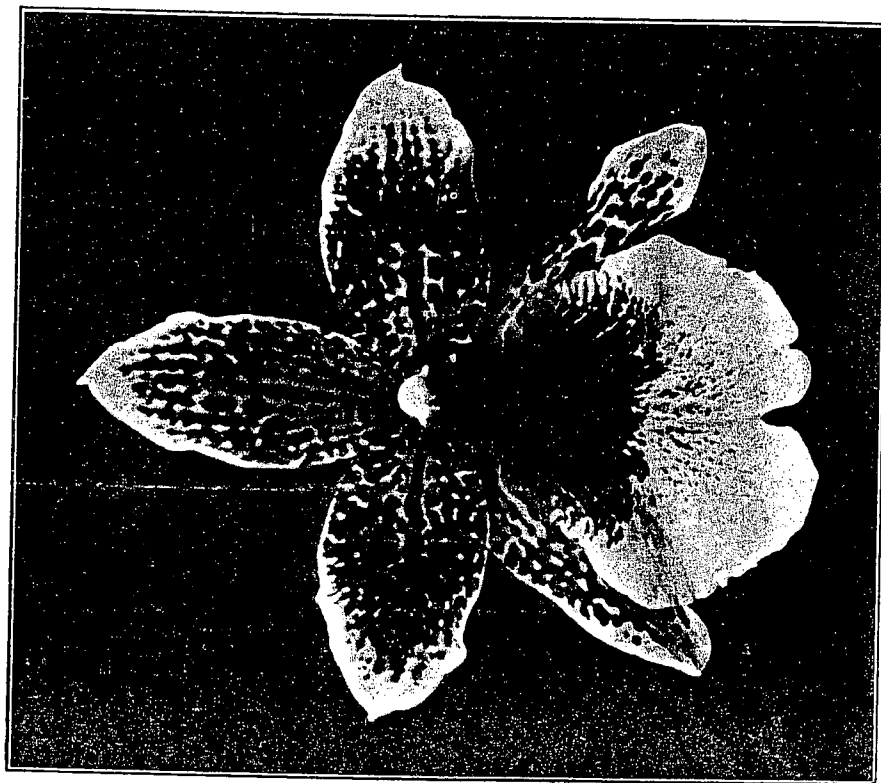
Nos.			Each.		
			£	s.	d.
1383	Dora	(<i>M. Bleuana</i> × <i>O. Dora</i>) Good plants with 4 and 5 bulbs, well leaved, 1 lead	1	11	6
1384	Dorina, nobilis	(<i>Odontonia Dora</i> × <i>O. Doreen</i>) A medium-sized flower of good shape. Sepals and petals spotted violet-purple on a rosy-white ground, basal half of lip white, and having a purple mask. Splendid plant with 4 bulbs, well leaved, 1 lead	6	6	0
1385	Duchess of York	(<i>M. Bleuana</i> × <i>O. majesticum</i>) Good plants with 4 and 5 bulbs, well leaved, 1 lead	3	3	0
1386	„ „	A.M., M.O.S. A medium-sized flower. Sepals and petals heavily blotched maroon with mauve tips, lip blotched chestnut-red with a rosy-mauve margin. Splendid plant with 4 bulbs, well leaved, 1 lead	5	5	0
1387	Elvie	(<i>M. Constance</i> × <i>O. Clonius</i>) Strong plants with 3 and 4 bulbs, well leaved, 1 lead	2	2	0
1388	Epha	(<i>Odontonia Joiceyi</i> × <i>O. crispum</i> , <i>Premier type</i>) A medium-sized flower. Sepals and petals spotted rosy-purple on a white ground. Basal half of lip rosy-mauve with a chestnut-red crest. Good plants with 3 and 4 bulbs, well leaved, 1 lead	4	4	0
1389	Etna	(<i>M. Charlesworthii</i> × <i>O. Ithone</i>) Good plant with 4 bulbs, 3 of which have leaves, 1 lead	3	3	0
1390	„ Radiant	A flower of exceptional merit. Sepals, petals and lip suffused with a crimson glow throughout. Nice plant with 4 bulbs, well leaved, 1 lead	8	8	0
1391	Eva	(<i>Odontonia Blue-ardent</i> × <i>O. crispum</i> , <i>Premier type</i>) Good plants with 3 and 4 bulbs, well leaved, 1 lead	1	11	6
1392	Fay	(<i>M. Lycæna</i> × <i>O. Alvara</i>) A splendid hybrid, large and good shape. Sepals and petals rosy-purple with a mauve margin. Lip spotted purple on a rosy ground and having a chestnut-red mask. Good plant with 3 bulbs, and making a new growth	8	8	0
1393	Garda	(<i>Odontonia Merope</i> × <i>O. Proteus</i>) Nice plant with 3 bulbs, well leaved, and making a new growth	3	3	0
1394	glacea	(<i>Odontonia Ruth</i> × <i>O. crispum</i> , <i>Premier type</i>) A medium-sized good-shaped flower, showing much influence of the pollen parent. Sepals, petals and lip white, prettily serrated. Nice plant with 3 bulbs, and a new growth	4	4	0
1395	Gladys	(<i>M. Bleuana</i> × <i>O. eximium</i>) A pleasing hybrid. Sepals, petals and lip rosy-pink with clear violet blotches. Strong plants with 3 and 4 bulbs, well leaved, 1 lead	3	3	0
1396	Helvina, grandis	(<i>Odontonia Alesia</i> × <i>O. Britannia</i> , <i>F.C.C. var.</i>) A splendid flower of good shape and size. Sepals and petals mahogany-red with a mauve margin. Lip spotted chocolate-red on a mauve ground, mask chestnut-red. Nice plant with 4 bulbs, well leaved, and making a new growth	6	6	0
1397	Irene	(<i>M. Warscewiczii</i> × <i>O. hastilabium</i>) Good plants with 4 and 5 bulbs, well leaved, 1 lead	1	5	0



ODONTONIA OLGA.
Var. Duchess of Westminster.
A.M., R.H.S.



Odontonia Pittia.



Odontonia Sheila.

ODONTONIA.

		(1.)		Each.		
Nos.				£	s.	d.
1398	Joiceyi	... .. (<i>Odontonia Pittia</i> × <i>O. Tityus</i>)				
		A medium-sized flower. Sepals, petals and basal portion of lip rosy-purple on a white ground, front portion of lip mauve. Strong plant with 4 bulbs, well leaved, 1 lead		4	4	0
1399	„	A.M., R.H.S. An attractive flower. Sepals and petals bright magenta with purple markings on a white ground, broad ovate lip is mauve, basal half lined rosy-purple, with a yellow crest. Strong plant with 4 bulbs, well leaved, 1 lead		6	6	0
1400	Julia	... .. (<i>Odontonia Dora</i> × <i>O. Llewellyn</i>)				
		A distinct and pleasing flower of good shape. Sepals and petals blotched reddish-brown on a white ground, large flat lip, basal half chestnut-red, lower half spotted brown on white ground. Good plant with 5 bulbs, well leaved, 1 lead		3	3	0
1401	Laguna, nobilis	... .. (<i>Odontonia Dora</i> × <i>O. Crethus</i>)				
		A large flower. Sepals and petals rosy-mauve thickly spotted purple and tipped with white, lip deep mauve with numerous purple spots and a pleasing yellow crest. Splendid plant with 4 bulbs, well leaved, 1 lead		5	5	0
1402	Langowoyi	... .. (<i>O. Uro-Skinneri</i> × <i>M. Schröderiana</i>)				
		Splendid plants with 4 and 5 bulbs, well leaved, 1 lead		3	3	0
1403	Leila	... .. (<i>M. Bleuana</i> × <i>O. promerens</i>)				
		Strong plants with 3 and 4 bulbs, well leaved, 1 lead		2	2	0
1404	luminosa	... .. (<i>Odontonia Olivia</i> × <i>O. Wilckeanum, aureum</i>)				
		A very distinct hybrid, good shape, medium size. Sepals, petals and lip yellow, spotted chestnut-red. Strong plant with 4 bulbs, well leaved, 1 lead		5	5	0
1405	„	Orion. An attractive variety. Sepals and petals buttercup-yellow with a few red spots. Lip primrose-yellow, having a solid chestnut-red blotch and an orange-yellow mask. Good plant with 4 bulbs, well leaved, 1 lead		10	10	0
1406	Luna	... .. (<i>Odontonia Magali Sander, xanthotes</i> × <i>O. crispum, xanthotes</i>)				
		Strong plants with 4 and 5 bulbs, well leaved, 1 lead		3	13	6
1407	lutea	(<i>Odontonia Magali Sander, xanthotes</i> × <i>O. luteo-purpureum, Vuylstekeanum</i>)				
		Grand plants with 4 and 5 bulbs, well leaved, 1 lead		3	3	0
1408	Magali Sander, xanthotes	... .. (<i>M. Warscewiczii, alba</i> × <i>O. armainvillierensis, xanthotes</i>)				
		Strong plants with 4 and 5 bulbs, 1 lead		1	1	0
1409	Mandela	... .. (<i>Odontonia aurata</i> × <i>O. reve d'or</i>)				
		Strong plant with 4 bulbs, well leaved, 1 lead		2	2	0
1410	Maratha. A.M., M.O.S.	... .. (<i>Odontonia Dora</i> × <i>O. Radiant</i>)				
		A large good-shaped flower. Sepals and petals spotted purple on a mauve ground with white margin. Lip violet-mauve having a central purple blotch, and yellow crest. Splendid plant with 5 bulbs, well leaved, 1 lead		7	7	0

ODONTONIA.

Nos.		(1.)	Each.		
			£	s.	d.
1411	Marita	... .. (<i>Odontonia Sana</i> × <i>O. Omega</i>) A pleasing flower. Sepals and petals rosy-mauve, tipped with white, lip carmine-rose with broad white margin. Good plants with 3 and 4 bulbs, well leaved, 1 lead	3	3	0
1412	Melita...	... .. (<i>Odontonia Dora</i> × <i>O. Serapis</i>) Good plants with 4 and 5 bulbs, well leaved, 1 lead	2	12	6
1413	Mena	... .. (<i>Odontonia Alexandra</i> × <i>O. Draco</i>) A splendid hybrid, flowers large and of good shape. Sepals and petals densely spotted purple on a white ground. Lip white with a purple mask and yellow crest. Good plant with 3 bulbs, well leaved, 1 lead	10	10	0
1414	Merla	... .. (<i>Odontonia Merope</i> × <i>O. Aglaon</i>) A flower of intermediate size, Miltonia shape. Sepals and petals deep rosy- magenta slightly broken with white markings, lip maroon, with chestnut- brown bars and mauve edge. Good plants with 3 and 4 bulbs, well leaved, 1 lead	4	4	0
1415	Merope	... .. (<i>M. Bleuana</i> × <i>O. illustrissimum</i>) Good plants with 5 and 6 bulbs, well leaved, 1 lead	2	2	0
1416	Nesta	... .. (<i>Odontonia Gladys</i> × <i>O. St. George</i>) One of the best secondary hybrids in this section. Sepals and petals rosy- mauve tipped white, lip ruby-purple on a white ground. Good plants with 4 and 5 bulbs, well leaved, 1 lead	5	5	0
1417	.. A.M., R.H.S.	Flower large and good shape. Sepals and petals ruby-red, slightly paler at tips; lip large and round, front lobe white suffused rosy-purple, crest surrounded with crimson-red (see painting). Nice plant, portion of original, with 4 bulbs, well leaved, 1 lead	12	12	0
1418	Nubia	... .. (<i>M. Charlesworthii</i> × <i>O. Doreen</i>) Strong plant with 4 bulbs, well leaved, 1 lead	3	3	0
1419	.. Astra.	A handsome flower. Sepals and petals deep velvety crimson, lip large, heavily marked carmine on a white ground, mask red with golden disc. Splendid plant with 5 bulbs, well leaved, 1 lead	7	7	0
1420	Numa...	... .. (<i>Odontonia Latona</i> × <i>M. William Pitt</i>) A splendid flower. Sepals and petals ruby-purple with a few white spots, lip rosy-purple with a distinct brown mask and white markings. Good plant with 4 bulbs, well leaved, 1 lead	4	4	0
1421	.. A.M., M.O.S.	A richly-coloured flower, Miltonia shape and size. Sepals and petals rosy-carmine, spotted magenta at tips, lip rich magenta slightly spotted purple, mask reddish-brown with red lines. Nice plant with 5 bulbs, 3 of which have leaves, and 1 new growth	12	12	0
1422	Nysa	... .. (<i>Odontonia Hesperia</i> × <i>O. Omega</i>) A medium-sized flower. Sepals, petals and lip blotched mauve on a white ground, and having a yellow crest. Nice plant with 3 bulbs, well leaved, 1 lead	3	3	0
1423	Olga (<i>Odontonia Thisbe</i> × <i>O. crispum</i>) Good plants with 4 bulbs, well leaved, 1 lead	4	4	0

ODONTONIA.

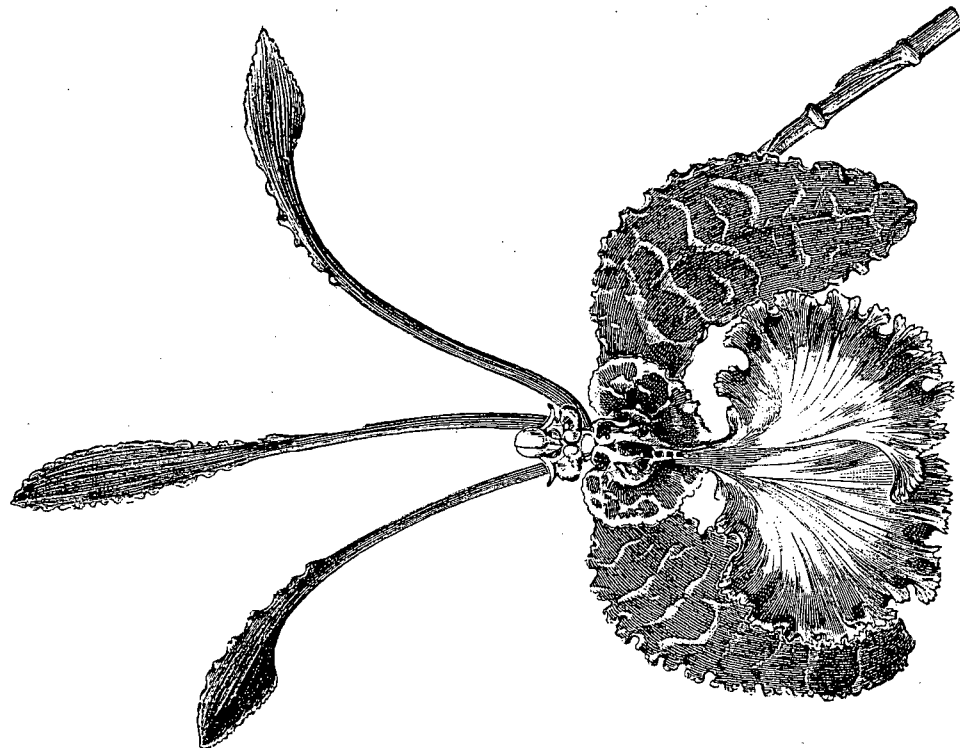
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Nos.			Each.		
			£	s.	d.
1424	Olga, Duchess of Westminster.	A.M., R.H.S. A chaste and beautiful variety with immense flowers, splendid shape and form. Petals white, flushed rose at base and beautifully serrated, sepals more deeply flushed on a white ground, lip white with two bright red blotches, and golden yellow crest (see painting). Grand plant with 4 bulbs, 3 of which have leaves, 1 lead ...	36	15	0
1425	„ The Premier.	A.M., R.H.S. Flower large and fine shape, showing the influence of the Odontoglossum parent. Sepals, petals and lip pure white, with brownish-red markings on the labellum below a yellow crest. Splendid plant with 4 bulbs, 3 of which have leaves, 1 lead ...	15	15	0
1426	Olivia ...	(<i>M. Bleuana</i> × <i>O. triumphans</i> , <i>Crawshayanum</i>) Good plants with 4 and 5 bulbs, well leaved, 1 lead ...	1	1	0
1427	„ A.M., R.H.S.	A very distinct variety. Sepals and petals spotted chestnut-red with yellow tips and white ground at base of petals, lip has a central chestnut-red blotch with a deep yellow frontal area. Strong plant with 4 bulbs, 2 of which have leaves, and 1 growth ...	5	5	0
1428	Opalia ...	(<i>Odontonia Thais</i> × <i>O. Proteus</i>) Good plants with 3 and 4 bulbs, well leaved, 1 lead ...	2	2	0
1429	Patara ...	(<i>Odontonia Dora</i> × <i>O. Proteus</i>) Nice plants with 3 bulbs, well leaved, 1 lead ...	2	12	6
1430	Pittiae ...	(<i>M. Bleuana</i> , <i>Pitt's variety</i> × <i>O. Harryanum</i> , <i>magnificum</i>) A fine-shaped flower. Sepals and petals closely veined and tinged dark violet, with yellowish lines at base of lip. Splendid plant with 4 bulbs, well leaved, 1 lead ...	5	5	0
1431	Porcia ...	(<i>Odontonia Thais</i> × <i>O. Figaro</i>) A large flower. Sepals, petals and lip blotched ruby-red on a white ground. Good plant with 3 bulbs, well leaved, 1 lead ...	4	4	0
1432	Ramona ...	(<i>M. William Pitt</i> × <i>Odontonia Sappho</i>) A very distinct flower, medium size. Sepals, petals and lip densely spotted rosy-magenta on a white ground with an orange-yellow crest. Good plants with 3 and 4 bulbs, well leaved, 1 lead ...	3	3	0
1433	Regalis ...	(<i>M. vexillaria</i> , <i>Queen Alexandra</i> × <i>O. Aquitania</i>) Nice plant with 5 bulbs, well leaved, 1 lead ...	4	4	0
1434	„ A.M., R.H.S.	A large flower. Sepals and petals white ground with rosy-magenta inner flush and distinctly spotted with reddish-purple, lip large, spotted crimson on a white ground and a yellow crest. Strong plant with 4 bulbs, well leaved, 1 lead ...	10	10	0
1435	Ruth ...	(<i>Odontonia Ceres</i> × <i>O. crispum</i> , <i>Premier type</i>) Good plants with 4 and 5 bulbs, well leaved, 1 lead ...	2	2	0
1436	Saba ...	(<i>Odontonia Alexandra</i> × <i>O. crispum</i> , <i>Premier type</i>) A medium-sized mauve flower spotted purple. Good plant with 3 bulbs, well leaved, 1 lead ...	2	2	0

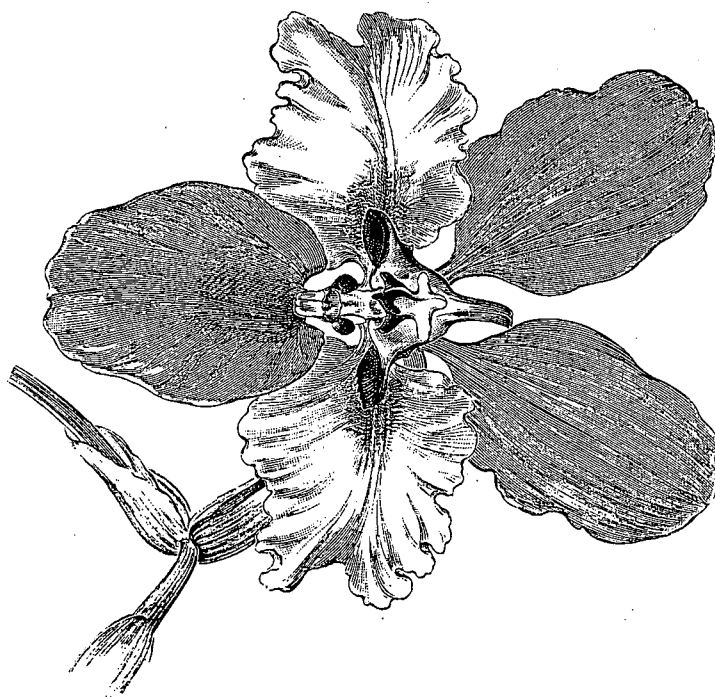
ODONTONIA.

(I.)

Nos.			Each.		
			£	s.	d.
1437	Sappho	... (M. Charlesworthii × O. Aphrodite) Good plants with 4 and 5 bulbs, well leaved, 1 lead ...	3	3	0
1438	„	Exul. A fine flower. Sepals and petals rich chestnut-brown, lip large, deep chocolate colour, with pale rose margin and rich yellow crest. Nice plant with 4 bulbs, 3 of which have leaves, 1 lead ...	5	5	0
1439	Selma	... (Odontonia Duchess of York × O. Alvara) A medium-sized flower. Sepals, petals and lip spotted mauve on a white ground. Nice plant with 3 bulbs, well leaved, 1 lead ...	4	4	0
1440	Sheila	... (M. Bleuana × O. Lambeauianum) Strong plant with 4 bulbs, well leaved, 1 lead...	2	2	0
1441	Sicania	... (Odontonia Nesta × O. Alvara) An attractive flower, good shape and size. Sepals and petals ruby-purple with a white margin. Lip claret-red having a ruby-red mask and yellow crest. Nice plant with 3 bulbs, well leaved, 1 lead ...	7	7	0
1442	Sirdar	... (Odontonia Duchess of York × O. Omega) Flower of medium size. Sepals and petals rosy-purple with a mauve margin. Lip mauve with a yellow crest. Good plant with 3 bulbs, well leaved, 1 lead ...	4	4	0
1443	Talpa	... (Odontonia Dora × O. Iphis) Good plants with 4 bulbs, well leaved, 1 lead ...	2	12	6
1444	Thais	... (M. Bleuana × O. Aglaon, majesticum) Good plants with 4 and 5 bulbs, well leaved, 1 lead ...	1	11	6
1445	Thema	... (Odontonia Duchess of York × O. crispum, Premier type) A distinct hybrid, showing strongly the influence of our renowned O. crispum, Premier type. A perfect-shaped white flower with a mauve margin, lip large and round, having a yellow crest. Good plant with 3 bulbs, well leaved, 1 lead ...	7	7	0
1446	Thulea	... (Odontonia Merope × O. Serapis) Good plants with 3 and 4 bulbs, well leaved, 1 lead ...	2	2	0
1447	Tolucea	... (Odontonia Duchess of York × O. Orobis) A distinct flower, good size. Sepals, petals and lip creamy-white, heavily blotched chestnut-brown, basal portion of lip rosy-mauve with a central blotch of mahogany-brown, and yellow crest. Nice plants with 3 and 4 bulbs, well leaved, 1 lead ...	4	4	0
1448	Tyana	... (Odontonia Nesta × O. St. James) Strong plant with 4 bulbs, well leaved, 1 lead ...	3	3	0



Oncidium Kramerianum.



Oncidium macranthum.

ODONTONIA.

(1.)

Nos.			Each.		
			£	s.	d.
1449	Tyana, A.M., R.H.S.	A handsome variety of good shape and size. Sepals and petals heavily blotched crimson-red on a pale rose ground. Lip light chestnut-brown having a red mask and an orange-yellow crest. Good plant with 4 bulbs, and making a strong new growth	10	10	0
1450	„ Argus.	A large shapely flower. Sepals and petals heavily blotched rosy-purple, paler at tips. Lip chestnut-red, front lobe mauve. Good plant with 4 bulbs, well leaved, 1 lead	7	7	0
1451	Verona	(<i>M. Bleuana</i> × <i>O. Rolfeae</i>) Good plants with 4 bulbs, well leaved, 1 lead	2	2	0
1452	Vesta...	(<i>Odontonia Dora</i> × <i>M. William Pitt</i>) Good plants with 4 and 5 bulbs, well leaved, 1 lead	3	3	0
1453	„ rosea.	A splendid flower, good shape and size. Sepals flushed mauve with white tips, petals rosy-purple with a few maroon spots, lip rosy-mauve, mask spotted purple on a white ground. Splendid plant with 4 bulbs, all of which have leaves, 1 lead	10	10	0
1454	Zalitheia	(<i>Odontonia Alexandra</i> × <i>O. St. James, F.C.C. var.</i>) A large good-shaped flower. Sepals, petals and lip blotched chestnut-brown on a mauve ground. Nice plant with 3 bulbs, well leaved, 1 lead	3	3	0

ONCIDIODA (*hybrids from Cochlioda* × *Oncidium*). A brightly-coloured group of hybrids; mostly producing semi-pendulous, decorative sprays which last a long time in flower. Their cultural requirements are similar to Odontioda.

1455	C.	Charlesworthii... (<i>Oncidium incurvum</i> × <i>C. Noezliana</i>) Strong plants with 5 to 7 bulbs, well leaved, 1 and 2 leads	10	6	
1456	„	„ Stronger plants with 9 to 12 bulbs, well leaved, 2 and 3 leads	1	1	0
1457	„	Bella ... (<i>C. Noezliana</i> × <i>Oncidium Marshallianum</i>) Nice plants with 3 bulbs, 1 lead	1	1	0
1458	„	Cooksoniae ... (<i>Oncidium macranthum</i> × <i>C. Noezliana</i>) Nice plants with 4 and 5 bulbs, 1 lead	1	5	0
1459	„	Medina... (<i>C. Noezliana</i> × <i>Oncidium corynephorum</i>) Strong plants with 4 and 5 bulbs, 1 lead	2	2	0

ONCIDIUM.

(from *onkos*, a tumour; referring to the warty crest on the base of the lip)

A large genus distributed over a wide range of Tropical America at various altitudes, consequently needing varied temperatures under our artificial conditions. They may be potted in a similar compost to *Odontoglossums*.

Nos.			Each.		
			£	s.	d.
1460	I.	<i>altissimum</i> (West Indies). A splendid specimen with 21 bulbs, well leaved, 6 leads	1	11	6
1461	W.	<i>ampliatum</i> (Central America). Nice plant with 7 bulbs, 2 leads	10	6	
1462	„	<i>anciferum</i> (Central America). Good plants with 3 and 4 bulbs, 1 lead	10	6	
1463	„	„ Stronger plants with 5 to 7 bulbs, 1 and 2 leads	1	1	0
1464	„	<i>Bungerothii</i> (South America). Strong plant with 5 bulbs, 1 lead	2	2	0
1465	C.	<i>candidum</i> (Guatemala). Nice plants with 15 to 20 bulbs, 3 and 4 leads	10	6	
1466	„	<i>carthaginense</i> (Carthaginea). Good plants with 5 to 7 bulbs, 1 and 2 leads	1	5	0
1467	I.	<i>Cavendishianum</i> (Guatemala). Strong plants with 5 to 7 bulbs, 1 and 2 leads	1	11	6
1468	C.	<i>cheirophorum</i> (Panama). Splendid plants with 15 to 20 bulbs, well leaved, 5 and 6 good leads	15	0	
1469	„	<i>Claesianum</i> (rare) (Peru). Good plant with 1 bulb and a strong growth	4	4	0
1470	„	„ „ „ A handsome specimen on raft, with 2 stems, 1 with 3 bulbs, well leaved, and a strong growth, and 1 with 2 bulbs, well leaved, and a strong growth	10	10	0
1471	„	<i>concolor</i> (Brazil). Good plants with 5 to 7 fine bulbs, 1 and 2 leads	1	1	0
1472	„	„ Stronger plants with 9 to 12 bulbs, 2 and 3 leads	1	11	6
1473	„	<i>corynephorum</i> (Peru). Strong plant, on raft, with 3 bulbs, 1 with leaves, and making a strong new growth	10	10	0
1474	„	<i>crispum</i> (Brazil). Good plants with 4 to 6 fine bulbs, 1 lead	10	6	
1475	„	„ Splendid plants on rafts with 5 to 7 fine bulbs, 1 and 2 leads	1	1	0
1476	„	<i>dichromum</i> (Peru). Small plants with 3 bulbs, 1 lead	1	1	0
1477	„	<i>divaricatum</i> (Brazil). Small plant with 3 bulbs, 1 lead	10	6	
1478	„	<i>excavatum</i> (Peru). Splendid plants with 5 to 7 bulbs, 1 and 2 leads	7	6	
1479	„	„ <i>aurosom</i> . Good plant with 5 bulbs, 1 lead	10	6	
1480	C.	<i>flexuosum</i> (Brazil). Good plants with 7 to 9 bulbs, 2 and 3 leads	15	0	
1481	„	<i>Forbesii</i> (Brazil). Small plant with 4 bulbs, 1 lead	1	1	0
1482	I.	<i>Harrisonianum</i> (Brazil). Good plant with 7 bulbs, well leaved, 1 lead	1	11	6
1483	C.	<i>incurvum</i> (Mexico). Strong plants with 4 to 6 bulbs, 1 lead	10	6	
1484	„	„ <i>album</i> . Splendid plant with 5 bulbs, 1 lead	2	2	0
1485	„	<i>incur-nephorum</i> (<i>incurvum</i> × <i>corynephorum</i>) Good plants with 4 and 5 bulbs, 1 lead	1	1	0
1486	„	<i>insculptum</i> (rare) (Tropical America). Grand plants with 5 and 6 bulbs, 1 lead	2	2	0
1487	W.	<i>Kramerianum</i> (Central and South America). Strong plants with 4 and 5 bulbs, well leaved, 1 lead	1	11	6

ONCIDIUM.

Nos.			Each.		
			£	s.	d.
1488	C.	lamelligerum (Ecuador). Strong plant with 5 bulbs, well leaved, and a strong new growth	3	3	0
1489	W.	Lanceanum (West Indies). Good plants with 5 to 7 bulbs, 2 and 3 leads	15	0	
1490	C.	Leopoldii (Peru), Fairlawn variety . A.M., R.H.S. Nice plant, on raft, with 3 bulbs, 1 with leaves, and making a strong new growth	10	10	0
1491	..	leucochilum (Mexico). Nice plant with 3 bulbs, 1 lead	1	11	6
1492	..	longipes (Organ Mountains). Good plants with 12 to 15 bulbs, 3 and 4 leads	15	0	
1493	..	Lucasianum (Peru). Good plant with 5 bulbs, 2 of which have leaves, 1 lead	1	11	6
1494	W.	luridum (Mexico). Strong plants with 4 and 5 bulbs, 1 lead	10	6	
1495	C.	macranthum (Peru). Good plants with 4 and 5 bulbs, well leaved, 1 lead	2	12	6
1496	..	.. nanum . Strong plant with 5 bulbs, well leaved, 1 lead	5	5	0
1497	..	Marshallianum (Brazil). Good plants with 4 to 6 bulbs, 1 lead	15	0	
1498	..	McBeanianum (<i>superbiens</i> × <i>macranthum</i>) Good plant with 4 bulbs, 1 lead	1	1	0
1499	I.	microchilum (Guatemala). Strong plants with 5 to 7 bulbs, 1 and 2 leads	1	11	6
1500	..	micropogon (Brazil). Good plant with 4 bulbs, and making a strong new growth	1	11	6
1501	..	Papilio (West Indies). Strong plants with 5 to 7 bulbs, 1 and 2 leads	15	0	
1502	..	pubes (Brazil). Nice plants with 5 and 6 bulbs, well leaved, 1 lead	15	0	
1503	W.	pulchellum (West Indies). Nice plant with 4 growths, 2 leads	1	1	0
1504	..	pulvinatum (Brazil). Nice plant with 6 bulbs, 1 lead	1	1	0
1505	I.	sarcodes (Brazil). Strong plant with 9 bulbs, well leaved, 2 leads	1	11	6
1506	C.	serratum (Peru). Good plants with 4 and 5 bulbs, well leaved, 1 lead	2	12	6
1507	..	.. Grand specimen with 8 fine bulbs, well leaved, 2 strong leads	5	5	0
1508	I.	sphacelatum (Honduras). Good plants with 5 to 7 bulbs, 2 leads	7	6	
1509	W.	splendidum (Guatemala). Strong plants with 5 to 7 bulbs, 1 and 2 leads	15	0	
1510	I.	Sprucei (Brazil). Nice plants with 5 to 7 bulbs, 1 and 2 leads	15	0	
1511	C.	tigrinum (Mexico). Good plants with 4 and 5 bulbs, well leaved, 1 lead	1	5	0
1512	..	varicosum, Rogersii (Brazil). Good plants with 5 and 6 bulbs, 1 lead	12	6	
1513	..	.. Splendid plants with 7 to 9 bulbs, 2 leads	1	1	0
1514	I.	Wentworthianum (Guatemala). Nice plants with 5 and 6 bulbs, 1 lead	1	5	0
1515	C.	zebrinum (Venezuela). Splendid plant on raft, with 3 bulbs, well leaved, 1 very strong new growth	5	5	0

ORNITHIDIUM (*from ornithos, a bird, and eidos, like; the upper lip of the stigma is beak-like*). A genus mostly interesting from a botanical point of view. Easily grown in a cool house.

1516	..	coccineum (West Indies). Strong plant with 2 bulbs, with leaves, 1 lead	1	11	6
1517	..	ochraceum (Trop. America). Splendid plant with 19 bulbs, 7 leads	1	11	6



A large greenhouse at the Orchid Zone
filled with paphiopedilums



Left to right Terry Root, the Orchid Zone owner
and Dr. Howard Liebman