



INTERNATIONAL GERANIACEAE GROUP SEED LIST 2023

Welcome to the International Geraniaceae Group Seed List 2023. As last year we first list the new donations followed by a list of seeds remaining from the 2022 list.

We welcome several first-time donors. Sincere thanks to all donors without whom this list would not be possible.

Ordering instructions – please read carefully:

1. We only accept orders by email to jan.movitz@gmail.com. Any other form of communication will not be accepted.
2. Include your name and postal address in your order. **Orders must include this information in Latin script, line by line exactly as it needs to be written on an envelope.**
3. **DO NOT SEND ANY MONEY IN ADVANCE!**
4. Send the order as a **line-by-line vertical list** of IGG reference numbers.
5. The maximum number of packets that can be ordered per member is 25.
6. Several donations contain very few seeds so you are recommended to **add several substitutes in case your first choice is sold out**. In the Seed List this is expressed as “very few seeds”.
7. In case of multiple donations per taxon, you are recommended to list several numbers in a line separated by hyphens to indicate acceptable substitutes **of a specific taxon** (e.g. 3246-3247-3248). By doing so you will have a better chance of achieving the best outcome of your seed order.
8. Don’t hesitate to order seeds from the 2022 seed list. Geraniaceae seeds are viable for many years.
9. **Do not list one reference number more than once and the same taxon more than twice.** The latter is possible only if the donors are different.
10. **You may place one order once per year regardless of the number of seed packets you receive.** It is not possible to send one order that is then followed by a second order to receive the maximum number of packets. Make full use of the opportunity to list substitutes (point 6 and 7).
11. **The deadline for sending orders is 25th November 2023.**
12. Multiple memberships from family members and friends with the sole aim to allow for multiple orders represent a serious breach and will result in membership suspension.

Thank you for closely observing the above points. The IGG is volunteer-run and administering the Seed List is a major operation for us. By following the rules, you get the seeds faster and enable us to do our work better.

A packet will contain a minimum of 2 seeds, so you have a good chance of success! Mostly, there will be many more.

We charge £0.30 per packet of seeds and £2.00 will be added for postage wherever you are. This is only to cover the cost of administering the seeds. Donors will receive a free packet of seeds for each packet they donated, however, donors still pay for the postage.

Seed orders from members who donate seeds of at least 5 taxa will be handled as a priority. If you are such a donor, please **ensure that we receive your order within the first week** after the seed list release. Thereafter, we will tend to the rest of the orders, in the order of receipt. Last year most orders were received within the first 24 hours, so speed is recommended! We will work through orders as quickly as possible and we will inform you by e-mail about how much to pay and instructions for payment by PayPal.

Unless otherwise agreed, seeds will be sent in a padded envelope, individually labelled with the IGG reference numbers. Please advise us of any other arrangements that might suit you or your national regulations better, e.g. a normal flat envelope, names of species names written on the zip plastic bag or in a separate list.

Some countries have strict rules on seed imports. **Australia:** There are [lists of permitted seed](#) available to which we will refer to ensure nothing is sent with a prohibited species name. **New Zealand:** Please follow the [regulations available in a separate document](#). Any further questions please send to [Kiyel Candy-Boland](#). **UK:** British regulations for seed imports have changed recently. We advise our members to check the new regulations on import of seeds from the EU. **USA:** Members should obtain an import permit for small lots of seed obtainable from APHIS, [please see this separate link](#). The IGG will not send seed until the permit is available, but please note that your seeds will be reserved and set aside. In case of questions, please consult [Peter Liekkiö, IGG Representative North America](#).

Due to changes in the CITES III appendix, seeds of *Sarcocaulon herrei*, *S. multifidum*, *S. patersonii*, *Pelargonium crassicaule* and *P. triste* can only be distributed to countries within the EU.

Note that we will observe regulations, so please do not ask us to send seeds without the necessary permits.

Where donors have not supplied information regarding pollination, it should be assumed the seed has been “open pollinated”.

Please note that *Monsonia* sect. *Sarcocaulon* seeds are listed as *Sarcocaulon*.

Double or triple capital letters at the end of the list represent the seed donor.

Payments

Payments are only accepted by Paypal. Instructions for payment will be given in an email from the Seed Exchange Manager telling you how much to pay. Ensure that your name can be identified from the Paypal payment.

Disclaimers

We cannot take the responsibility if seeds fail to arrive due to import irregularities, postal errors, confiscation or destruction by customs, and other issues outside our control. Thank you for your understanding.

We rely on donors to correctly label seeds and pollination standards but the IGG cannot be responsible for incorrect identification, failure to germinate, or hybrid origin.

Although members who have donated seed will have done their best to name their plants accurately, there is no guarantee given regarding nomenclature. If you have any doubts when the plant has matured, please photograph a flower, a leaf and also a general view then post in the IGG website Forum. Plants with a “GER” code are properly identified to the best of our knowledge.

SEED LIST 2023

- 3444 *E. aethiopicum* ex IGG 2003:239 - BC
3445 *E. botrys* ex IGG 2017/2018:553 - BC
3446 *E. chium* white flowers - BC
3447 *E. ciconium* ex IGG 1995:204 - BC
3448 *E. crinitum* ex IGG 2003:247 - BC
3449 *E. malaioides* ex IGG 1995:211 - BC
3450 *E. manescavii* (open poll.) - JPD
3451 *E. telavivense* - BC
3452 *E. tordylioides* - BC
3453 *E. trifolium* (open poll.) - CB
3454 *E. trifolium* (open poll.) - JPD
3455 *E. trifolium* (open poll.) - RP
3456 *G. christensenianum* - AD *very few seeds!*
3457 *G. erianthum* (open poll.) - MVV
3458 *G. himalayense* - AD *very few seeds!*
3459 *G. ibericum* 'Derrick Cook' (open poll.) - MVV
3460 *G. ibericum* 'Jubatum' (open poll.) - MVV
3461 *G. macrorhizum* 'bevans' - AD
3462 *G. macrorhizum* 'ingwersen' - AD
3463 *G. maderense* - AD
3464 *G. pratense* 'Lolke's Geel' (open poll.) - MVV
3465 *G. pratense* 'Moonlight' (open poll.) - MVV
3466 *G. pratense* 'Silver Queen' (open poll) - MVV
3467 *G. pratense* 'Striatum' (open poll.) - MVV
3468 *G. pratense* 'Yorkshire Queen' (open poll.) - MVV
3469 *G. wlassovianum* - AD
3470 *M. angustifolia* (open poll.) - MT
3471 *M. emarginata* - CS
3472 *M. emarginata* - PB
3473 *P. abrotanifolium* pink flowers (hand poll.) - TO
3474 *P. acetosum* (hand poll.) - RDC
3475 *P. acetosum* (open poll.) - RP *very few seeds!*
3476 *P. acetosum* white form (hand poll.) - MT *very few seeds!*
3477 *P. aestivale* ex S Tarkastad, GER759 (hand poll.) - MS
3478 *P. aestivale* ex Upper Clifton, GER758 (hand poll.) - MS
3479 *P. aff. bubonifolium* ex 40 km E Springbok, GER601 Hand poll.) - MS
3480 *P. aff. bubonifolium* 'montanum' ex Leliefontein, GER519 (hand poll.) - MS
3481 *P. aff. carneum* ex Malgas, GER744 (hand poll.) - MS
3482 *P. aff. caroli-henrici* ex Knersvlakte, GER590 (hand poll.) - MS
3483 *P. aff. quinquelobatum* RM1298 ex Machakos Kenya (open poll) - MW
3484 *P. alchemilloides* - CS
3485 *P. alchemilloides* (hand poll.) - RDC
3486 *P. alchemilloides* (open poll.) - CH
3487 *P. alchemilloides* (open poll.) - PE
3488 *P. alternans* (hand poll.) - MPW

- 3489 *P. alternans* (open poll.) - CSG
 3490 *P. alternans* (open poll.) - MF
 3491 *P. alternans* (open poll.) - MT
 3492 *P. alternans* Es Nr14899 (hand poll.) - CA
 3493 *P. althaeoides* (open poll.) - JPD
 3494 *P. antidysentericum* ssp. *zonale* ex Eksteenfontein, GER331 - MS *very few seeds!*
 3495 *P. appendiculatum* - CS
 3496 *P. appendiculatum* (hand poll.) - CA
 3497 *P. appendiculatum* (hand poll.) - JCR
 3498 *P. appendiculatum* (open poll.) - MPW
 3499 *P. appendiculatum* (open poll.) - GS *very few seeds!*
 3500 *P. appendiculatum* (open poll.) - JPD
 3501 *P. appendiculatum* (open poll.) - MBO
 3502 *P. appendiculatum* (open poll.) - MF
 3503 *P. appendiculatum* (open poll.) - RP *very few seeds!*
 3504 *P. appendiculatum* light colours (hand poll.) - MT
 3505 *P. aridicola* (open poll.) - CP *very few seeds!*
 3506 *P. aridicola* ex Concordia, GER330 (hand poll.) - JM
 3507 *P. aridicola* JAA1353 ex Eenriet (hand poll.) - JAA
 3508 *P. aridum* (hand poll.) - CHB
 3509 *P. aridum* (hand poll.) - RDC
 3510 *P. aridum* (open poll.) - CH
 3511 *P. aridum* (open poll.) - MT
 3512 *P. aridum* (open poll.) - SM
 3513 *P. aridum* ex Graaff Reinet, GER556 (hand poll.) - PB
 3514 *P. aristatum* ex E Nieuwoudtville, GER421 (hand poll.) - MS *very few seeds!*
 3515 *P. articulatum* ex Bokkeveld escarpment, GER156 (hand poll.) - MS *very few seeds!*
 3516 *P. articulatum* ex Nababeeb, GER342 (hand poll.) - MS
 3517 *P. articulatum* ex Sutherland, GER458 (hand poll.) - MS
 3518 *P. asarifolium* ex N Tulbagh, GER267 (hand poll.) - MS
 3519 *P. asarifolium* ex Piketberg, GER669 (hand poll.) - JM
 3520 *P. auritum* var. *auritum* - BHE *very few seeds!*
 3521 *P. auritum* var. *auritum* (hand poll.) - JM
 3522 *P. auritum* var. *auritum* (hand poll.) - JCR
 3523 *P. auritum* var. *auritum* (hand poll.) - MT
 3524 *P. auritum* var. *auritum* (open poll.) - MW
 3525 *P. auritum* var. *auritum* ex Prince Alfred Hamlet, GER380 (hand poll.) - MS
 3526 *P. auritum* var. *auritum* ex Prince Alfred Hamlet, GER380 (hand poll.) - PB
 3527 *P. australe* (open poll.) - BHE
 3528 *P. australe* (open poll.) - MT
 3529 *P. australe* ex costal Tasmania (field coll.) - PW
 3530 *P. australe* ex inland Tasmania (field coll.) - PW
 3532 *P. australe* 'inland' (open poll.) - GH
 3533 *P. australe* 'inland' (open poll.) - OG
 3534 *P. australe* 'inland' (open poll.) - PE
 3535 *P. australe* Tasmanian form (open poll.) - CB *very few seeds!*
 3536 *P. barklyi* (hand poll.) - CA
 3537 *P. barklyi* (hand poll.) - MPW

- 3538 *P. barklyi* (hand poll.) - MT
 3539 *P. barklyi* (open poll.) - BHE
 3540 *P. barklyi* ex IGG 2020:1985 (hand poll.) - JAM
 3541 *P. barklyi* ex Kamieskroon, GER516 (and poll.) - MS
 3542 *P. boranense* ex Sidamo Ethiopia, GER596 (hand poll.) - MS *very few seeds!*
 3543 *P. bowkeri* (hand poll.) - PB
 3544 *P. bowkeri* 'Silver Leaf' (hand poll.) - MBO
 3545 *P. bubonifolium* (hand poll.) - MPW
 3546 *P. bubonifolium* ex NW Steinkopf, GER659 (hand poll.) - BK
 3547 *P. bubonifolium* JAA 2467 (hand poll.) - MT
 3548 *P. bubonifolium* pink flowers ex W Steinkopf (hand poll.) - GX
 3549 *P. caffrum* (hand poll.) - TO
 3550 *P. caledonicum* (hand poll.) - GS
 3551 *P. caledonicum* ex Caledon, GER670 (hand poll.) - JM
 3552 *P. campestre* ex Port Elizabeth, GER502 (hand poll.) - MS
 3553 *P. candicans* (open poll.) - CB
 3554 *P. candicans* (open poll.) - CSG *very few seeds!*
 3555 *P. candicans* ex Barrydale (field coll.) - JM
 3556 *P. capitatum* (hand poll.) - RDC
 3557 *P. capitatum* (open poll.) - MBO *very few seeds!*
 3558 *P. capitatum* ex Camp's Bay (field coll.) - JPD
 3559 *P. carnosum* (open poll.) - AC
 3560 *P. carnosum* (open poll.) - BHE
 3561 *P. carnosum* (open poll.) - CSG
 3562 *P. carnosum* ex Clanwilliam (open poll.) - MF
 3563 *P. carnosum* ex W Steinkopf, GER602 (hand poll.) - MT
 3564 *P. caroli-henrici* (hand poll.) - JPD
 3565 *P. caroli-henrici* ex Knersvlakte, GER589 (hand poll.) - MS
 3566 *P. caroli-henrici* JAA1310 ex Moedverloor (hand poll.) - CHB
 3567 *P. caucalifolium* ssp. *caucalifolium* - LF
 3568 *P. cayle* ex S Madagascar, GER393 (hand poll.) - MS *very few seeds!*
 3569 *P. cayle* (open poll.) - SM
 3570 *P. ceratophyllum* ex. Lüderitz, GER823 (hand poll.) - PB
 3571 *P. chelidonium* ex Hermon, GER284 (hand poll.) - MS
 3572 *P. chelidonium* ex Tulbagh, GER673 (hand poll.) - JM
 3573 *P. citronellum* ex Ladismith, Silverhill Seed (hand poll.) - JAM
 3574 *P. columbinum* (open poll.) - CP
 3575 *P. columbinum* (open poll.) - RP
 3576 *P. columbinum* ex Tulbagh, GER729 (hand poll.) - MS
 3577 *P. columbinum* ex. Angermeier (open poll.) - GH
 3578 *P. cordifolium* (hand poll.) - GX
 3579 *P. cordifolium* (open poll.) - MBO
 3580 *P. cordifolium* ex George, GER613 (hand poll.) - JM
 3581 *P. coronopifolium* ex Bokkeveld escarpment, GER527 (hand poll.) - MS
 3582 *P. cotyledonis* - CS *very few seeds!*
 3583 *P. crassicaule* (hand poll.) - MT
 3584 *P. crassicaule* (open poll.) - MF
 3585 *P. crassicaule* (open poll.) - SC

- 3586 *P. crassicaule* ex IGG 2021:2729 (hand poll.) - MT
 3587 *P. crassicaule* ex N Lüderitz, GER484 (hand poll.) - MS
 3588 *P. crassicaule* 'mirandus' ex Lüderitz, GER482 (hand poll.) - MS
 3589 *P. crassipes* - CS
 3590 *P. crassipes* (hand poll.) - GX
 3591 *P. crispum* (open poll.) - OG
 3592 *P. crithmifolium* (hand poll.) - JCR
 3593 *P. crithmifolium* (open poll.) - CH
 3594 *P. crithmifolium* (open poll.) - CSG
 3595 *P. crithmifolium* ex Cederberge (field coll.) - JM
 3596 *P. crithmifolium* ex N Concordia, GER328 (hand poll.) - MS
 3597 *P. cucullatum* ssp. *cucullatum* ex Kleinmond (field coll.) - JPD
 3598 *P. cucullatum* ssp. *tabulare* ex Hout Bay (field coll.) - JPD
 3599 *P. curviandrum* ex Montagu, GER647 (hand poll.) - PB
 3600 *P. dasycaulon* (open poll.) - RP *very few seeds!*
 3601 *P. dasyphyllum* - CSG
 3602 *P. desertorum* (hand poll.) - GX
 3603 *P. dolomiticum* (open poll.) - CP
 3604 *P. dolomiticum* (open poll.) - RP
 3605 *P. dolomiticum* ex Preez 1996 (hand poll.) - JPD
 3606 *P. echinatum* (open poll.) - MBO
 3607 *P. elandsmontanum* ex Hermon, GER533 (hand poll.) - MS *very few seeds!*
 3608 *P. elandsmontanum* ex Hermon, GER544 (hand poll.) - MS *very few seeds!*
 3609 *P. ellaphieae* ex. Citrusdal, GER442 (hand poll.) - MS
 3610 *P. elongatum* - DH
 3611 *P. elongatum* (hand poll.) - JCR
 3612 *P. elongatum* (open poll.) - CB
 3613 *P. elongatum* (open poll.) - CSG
 3614 *P. elongatum* (open poll.) - MT
 3615 *P. elongatum* (open poll.) - PE
 3616 *P. endlicherianum* (hand poll.) - CP
 3617 *P. endlicherianum* (open poll.) - CH
 3618 *P. endlicherianum* KKPS9316 ex Demirkent, Artvin (hand poll.) - CHB
 3619 *P. englerianum* - BHE *very few seeds!*
 3620 *P. englerianum* (open poll.) - CB *very few seeds!*
 3621 *P. exhibens* (hand poll.) - JPD
 3622 *P. exhibens* (hand poll.) - RDC
 3623 *P. exhibens* (open poll.) - CH
 3624 *P. exhibens* (open poll.) - CSG
 3625 *P. exhibens* (open poll.) - MT
 3626 *P. exhibens* (open poll.) - RP
 3627 *P. fasciculaceum* ex S Nieuwoudtville, GER470 (hand poll.) - MS
 3628 *P. fergusoniae* ex McGregor, GER677 (hand poll) - JM
 3629 *P. fissifolium* (hand poll.) - TO
 3630 *P. fissifolium* ex Worcester (hand poll.) - MT
 3631 *P. fissifolium* ex Worcester, GER 660 (hand poll.) - BK
 3632 *P. fissifolium* ex Worcester, GER370 (hand poll.) - MS
 3633 *P. flavidum* JAA 2274 ex De Doorns (hand poll.) - MT

- 3634 *P. frutetorum* (open poll.) - CB
 3635 *P. fruticosum* (hand poll.) - MT *very few seeds!*
 3636 *P. fruticosum* ex Swartberg Pass, GER663 (hand poll.) - JM
 3637 *P. fulgidum* (hand poll.) - MT
 3638 *P. fulgidum* ex Namaqualand (hand poll.) - PB
 3639 *P. fulgidum* 'Gary Scheidt' - CS
 3640 *P. fulgidum* pink flowers (open poll.) - SM
 3641 *P. fulgidum* red flowers (open poll.) - SM
 3642 *P. fulgidum*(open poll.) - BHE
 3643 *P. fumariifolium* ex E Springbok, GER508 (hand poll.) - MS
 3644 *P. gibbosum* (open poll.) - BHE
 3645 *P. gibbosum* (open poll.) - OG
 3646 *P. gibbosum* 'Marron' (open poll.) - SC
 3647 *P. githagineum* ex Sutherland, GER592 (hand poll.) - JM
 3648 *P. githagineum* ex Sutherland, GER592 (hand poll.) - MS
 3649 *P. githagineum* JAA 2500 ex Sutherland (hand poll.) - MT
 3650 *P. graveolens* (hand poll.) - JAM
 3651 *P. graveolens* (open poll.) - CB
 3652 *P. grenvilleae* - LF *very few seeds!*
 3653 *P. grenvilleae* (hand poll.) - NM
 3654 *P. grenvilleae* ex E Springbok, GER510 (hand poll.) - MS
 3655 *P. grenvilleae* ex Knersvlakte, GER598 (hand poll.) - MS
 3656 *P. grenvilleae* JAA 2468 ex Steinkopf, many flowered pesudoumbels (hand poll.) - MT
 3657 *P. grossularoides* (open poll.) - GH
 3658 *P. grossularoides* (open poll.) - OG
 3659 *P. grossularoides* (open poll.) - RP
 3660 *P. helmsii* IGG 2019/2020:1636 - BC
 3661 *P. heterophyllum* ex Swartland, GER419 (hand poll.) - MS
 3662 *P. hirtipetalum* ex Kamiesberge, GER517 (hand poll.) - JM
 3663 *P. hirtum* - CS
 3664 *P. hirtum* (hand poll.) - CP
 3665 *P. hirtum* (hand poll.) - JCR
 3666 *P. hirtum* (hand poll.) - MT *very few seeds!*
 3667 *P. hirtum* (open poll.) - CH
 3668 *P. hirtum* (open poll.) - CSG
 3669 *P. hirtum* (open poll.) - GS *very few seeds!*
 3670 *P. hirtum* (open poll.) - JAA
 3671 *P. hirtum* (open poll.) - MW
 3672 *P. hirtum* (open poll.) - OG
 3673 *P. hirtum* (open poll.) - SM
 3674 *P. hystrix* ex Matjiesfontein, GER642 (hand poll.) - BK
 3675 *P. hystrix* ex N Matjiesfontein, GER404 (hand poll.) - MS
 3676 *P. hystrix* JAA1138 ex Matjiesfontein (hand poll.) - CHB
 3677 *P. incrassatum* - CS
 3678 *P. incrassatum* (open poll.) - MW
 3679 *P. incrassatum* dark pink flowers (hand poll.) - CHB
 3680 *P. incrassatum* ex Garies - DH
 3681 *P. incrassatum* JAA 2444 (hand poll.) - MT *very few seeds!*

- 3682 *P. incrassatum* red flowers ex Atomic Plant (hand poll.) - JM
 3683 *P. incrassatum* white/pink flowers ex Atomic Plant (hand poll.) - JM
 3684 *P. inquinans* (open poll.) - AC
 3685 *P. inquinans* pink flowers (open poll.) - GH
 3686 *P. iocastum* (syn. *P. columbinum*), (hand poll.) - RDC
 3687 *P. iocastum* (syn. *P. columbinum*), (open poll.) - CP
 3688 *P. ionidiflorum* (open poll.) - MT
 3689 *P. keeromsbergense* ex Worcester, GER409 (hand poll.) - MS
 3690 *P. ladysmithianum* (hand poll.) - NM
 3691 *P. ladysmithianum* ex De Rust, GER500 (hand poll.) - JM
 3692 *P. ladysmithianum* ex De Rust, GER500 (hand poll.) - MS
 3693 *P. lateripes* (syn. *P. peltatum*), (open poll.) - AC
 3694 *P. laxum* - BHE
 3695 *P. laxum* (open poll.) - MT
 3696 *P. laxum* (open poll.) - RDC
 3697 *P. laxum* (open poll.) - SC
 3698 *P. laxum* ssp. *karoicum* (hand poll.) - RDC
 3699 *P. laxum* ssp. *karoicum* (open poll.) - BHE
 3700 *P. laxum* ssp. *karoicum* ex Anysberg, GER366 (hand poll.) - MS
 3701 *P. laxum* ssp. *karoicum* ex De Rust, GER538 (hand poll.) - MS *very few seeds!*
 3702 *P. laxum* ssp. *laxum* ex Fish River, GER751 (hand poll.) - MS
 3703 *P. laxum* ssp. *laxum* - KA
 3704 *P. leipoldtii* (hand poll.) - MS
 3705 *P. leipoldtii* ex Mertenhof (hand poll.) - GX
 3706 *P. leipoldtii* ex N Nieuwoudtville, GER446 (hand poll.) - PB
 3707 *P. leipoldtii* GER511 (hand poll.) - NM
 3708 *P. leipoldtii* JAA2245, a form with plain leaves ex Kotzesrus (hand poll.) - JAA
 3709 *P. leipoldtiex* Steinkopf, GER511 (hand poll.) - MS
 3710 *P. leptum* ex Paarl, GER540 (hand poll.) - MS
 3711 *P. littorale* - CS
 3712 *P. lobatum* (open poll.) - BHE
 3713 *P. lobatum* ex Cape Town, GER312 (hand poll.) - MS
 3714 *P. lobatum* ex West Coast, GER275 (hand poll.) - MS
 3715 *P. longicaule* (open poll.) - OG
 3716 *P. luridum* ex Tanzania (hand poll.) - MT
 3717 *P. luteopetalum* ex NE Montagu, GER603 (hand poll.) - JM
 3718 *P. luteopetalum* ex Ouberg Pass, GER359 (hand poll.) - BK
 3719 *P. luteopetalum* ex Ouberg Pass, GER359 (hand poll.) - MS
 3720 *P. luteum* (hand poll.) - MT
 3721 *P. luteum* ex N Nieuwoudtville, GER423 (hand poll.) - MS
 3722 *P. madagascariense* - RDC
 3723 *P. madagascariense* (open poll.) - MT
 3724 *P. magenteum* ex Cederberge, GER581 (field coll.) - JM
 3725 *P. magenteum* ex Cederberge, GER581 (hand poll.) - MS *very few seeds!*
 3726 *P. mollicomum* (hand poll.) - CP
 3727 *P. mollicomum* (hand poll.) - RDC
 3728 *P. mollicomum* (open poll.) - BHE
 3729 *P. mollicomum* (open poll.) - CA

- 3730 *P. mollicomum* (open poll.) - CB
 3731 *P. mollicomum* (open poll.) - CH
 3732 *P. mollicomum* (open poll.) - CSG
 3733 *P. mollicomum* (open poll.) - MT
 3734 *P. mollicomum* (open poll.) - OG
 3735 *P. mollicomum* (open poll.) - RP
 3736 *P. mollicomum* ex Angermeier (open poll.) - GH
 3737 *P. mollicomum* ex Preez 1996 (hand poll.) - JPD
 3738 *P. mollicomum* JAA1835 ex Hankey (open poll.) - JAA
 3739 *P. mollicomum* (hand poll.) - JCR
 3740 *P. moniliforme* (hand poll.) - JCR
 3741 *P. moniliforme* (hand poll.) - NM
 3742 *P. moniliforme* ex Kamieskroon, GER348 (hand poll.) - MS *very few seeds!*
 3743 *P. moniliforme* ex N Matjiesfontein, GER292 (hand poll.) - MS
 3744 *P. moniliforme* JAA1331 ex Skimmelberg (hand poll.) - JAA
 3745 *P. moniliforme* JAA1331 ex Skimmelberg (open poll.) - MW
 3746 *P. multibracteatum* (open poll.) - AC
 3747 *P. multibracteatum* (open poll.) - CSG
 3748 *P. mutans* (open poll.) - MT
 3749 *P. myrrhifolium* (open poll.) - CB
 3750 *P. myrrhifolium* ssp. *myrrhifolium* ex Angermeier (open poll.) - GH
 3751 *P. myrrhifolium* var. *coriandrifolium* (hand poll.) - MT
 3752 *P. nanum* (open poll.) - CA
 3753 *P. nanum* (open poll.) - CP
 3754 *P. nanum* (open poll.) - MT
 3755 *P. naviculifolium* ex Koue Bokkeveld, GER265 (hand poll.) - MS
 3756 *P. naviculifolium* ex Wolesley, GER285 (hand poll.) - JM
 3757 *P. nephrophyllum* ex SE Vanrhynsdorp, GER261 (hand poll.) - MS
 3758 *P. nervifolium* ex Loeriesfontein, GER422 (hand poll.) - MS *very few seeds!*
 3759 *P. nervifolium* ex Loriesfontein, GER422 (hand poll.) - BK
 3760 *P. nervifolium* ex Loriesfontein, GER422 (hand poll.) - JM
 3761 *P. nervifolium* ex N Matjiesfontein, GER449 (hand poll.) - MS
 3762 *P. nervifolium* GER422 (hand poll.) - NM
 3763 *P. nummulifolium* ex Hawequa Mts, GER564 (hand poll.) - MS
 3764 *P. oblongatum* - CS
 3765 *P. oblongatum* (hand poll.) - CP
 3766 *P. oblongatum* (hand poll.) - GS
 3768 *P. oblongatum* (hand poll.) - JM
 3769 *P. oblongatum* (open poll.) - BHE *very few seeds!*
 3770 *P. oblongatum* ex W Steinkopf, GER249 (hand poll.) - MS
 3771 *P. ochroleucum* (hand poll.) - GS *very few seeds!*
 3772 *P. ochroleucum* (hand poll.) - NM
 3773 *P. ochroleucum* (open poll.) - MW
 3774 *P. ochroleucum* ex N Uniondale, GER455 (hand poll.) - MS *very few seeds!*
 3775 *P. odoratissimum* (hand poll.) - KB
 3776 *P. odoratissimum* (open poll.) - OG
 3777 *P. odoratissimum* ex Kouga Mountains (open poll.) - JPD
 3778 *P. oenothera* ex Piketberg, GER652 (hand poll.) - PB

- 3779 *P. oreophilum* (hand poll.) - JAM
 3780 *P. ovale* - CS
 3781 *P. ovale* ssp. *hyalinum* (hand poll.) - CP
 3782 *P. pachypodium* ex E Nieuwoudtville, GER417 (hand poll.) - CHB
 3783 *P. pallidoflavum* (hand poll.) - NM
 3784 *P. pallidoflavum* ex Cederberge, GER263 (hand poll.) - JM
 3785 *P. pallidoflavum* ex Cederberge, GER686 (hand poll.) - JM
 3786 *P. pallidoflavum* ex West Coast, GER566 (hand poll.) - MS
 3787 *P. papilionaceum* (hand poll.) - JM
 3788 *P. papilionaceum* (open poll.) - CH
 3789 *P. papilionaceum* (open poll.) - MBO
 3790 *P. papilionaceum* (open poll.) - RP
 3791 *P. papilionaceum* ex Greyton, GER604 (hand poll.) - MS
 3792 *P. parviflorum* (hand poll.) - PB
 3793 *P. parviflorum* (hand poll.) - RDC
 3794 *P. parviflorum* (open poll.) - MT
 3795 *P. parviflorum* ssp. *rotundipetalum* (open poll.) - RP
 3796 *P. parviflorum* ssp. *rotundipetalum* ex E Khubus, GER337 (hand poll.) - MS *very few seeds!*
 3797 *P. parvipetalum* ex Garies, GER462 (hand poll.) - MS
 3798 *P. parvipetalum* ex Paakhuis Pass (hand poll.) - GX
 3799 *P. parvipetalum* ex Roiwaal (open poll.) - CB
 3800 *P. peltatum* (open poll.) - RP *very few seeds!*
 3801 *P. petroselinifolium* (hand poll.) - CP
 3802 *P. petroselinifolium* ex Theronsberg, Ger271 (hand poll.) - BK
 3803 *P. petroselinifolium* ex Theronsberg, GER271 (hand poll.) - MS
 3804 *P. pilosellifolium* ex Calvinia, GER524 (hand poll.) - MS
 3805 *P. pilosellifolium* ex Swellendam (open poll.) - JM
 3806 *P. pilosellifolium* GER431 (hand poll.) - NM
 3807 *P. pinnatum* ex Darling, GER689 (hand poll.) - JM
 3808 *P. pinnatum* ex Elim, GER783 (hand poll.) - JM
 3809 *P. pinnatum* ex Swartland, GER441 (hand poll.) - MS *very few seeds!*
 3810 *P. polycephalum* DXV1759 ex Craib (hand poll.) - TO
 3811 *P. praemorsum* ssp. *speciosum* (hand poll.) - MT
 3812 *P. praemorsum* ssp. *speciosum* ex Eksteenfontein, GER333 (hand poll.) - MS
 3813 *P. proliferum* ex SE Bredasdorp, GER743 (hand poll.) - MS *very few seeds!*
 3814 *P. proliferum* ex Villiersdorp, GER571 (hand poll.) - MS
 3815 *P. psammophilum* ex Rawsonville, GER378 (hand poll.) - MS
 3816 *P. pulchellum* ex Nababeeb, GER341 (hand poll.) - MS
 3817 *P. pulverulentum* ex E Grahamstown, GER754 (hand poll.) - MS *very few seeds!*
 3818 *P. punctatum* ex Nieuwoudtville, GER259 (hand poll.) - PB
 3819 *P. quarcticola* ex Knersvlakte, GER468 (hand poll.) - MS
 3820 *P. quercifolium* - LF
 3821 *P. quercifolium* ex Krymekaar Padstal R62 (field coll.) - JPD
 3822 *P. quercifolium* ex Oudtshoorn (hand poll.) - JAM
 3823 *P. quinquelobatum* (hand poll.) - RDC
 3824 *P. quinquelobatum* (open poll.) - CSG
 3825 *P. quinquelobatum* (open poll.) - GS *ver few seeds!*
 3826 *P. quinquelobatum* (open poll.) - OG

- 3827 *P. quinquelobatum* (open poll.) - RP
 3828 *P. quinquelobatum* (open poll.) - SC
 3829 *P. quinquelobatum* (open poll.) - SM
 3830 *P. quinquelobatum* LF (open poll.) - MBO
 3831 *P. radens* (open poll.) - CH
 3832 *P. radiatum* ex SW Worcester, GER436 (hand poll.) - MS
 3833 *P. radicatum* (hand poll.) - JAM
 3834 *P. radicatum* ex S Nieuwoudtville, GER463 (hand poll.) - JM
 3835 *P. radulifolium* (open poll.) - MF
 3836 *P. ranunculophyllum* - MT
 3837 *P. ranunculophyllum* ex Hogsback, GER755 (hand poll.) - MS
 3838 *P. redactum* (open poll.) - CB
 3839 *P. redactum* ex Springbok, GER644 (hand poll.) - PB
 3840 *P. reflexipetalum* ex Cederberge, GER416 (hand poll.) - MS
 3841 *P. reflexipetalum* ex Cederberge, GER83 (hand poll.) - JM
 3842 *P. reflexum* ex Bokkeveld escarpment, GER256 (hand poll.) - MS
 3843 *P. reniforme* (open poll.) - MT
 3844 *P. ribifolium* (open poll.) - RDC
 3845 *P. rodneyanum* ex Chawton Bushlands, Australia, GER727 (field coll.) - WH *very few seeds!*
 3846 *P. rodneyanum* ex Chawton Bushlands, Australia, GER727 (hand poll.) - JM
 3847 *P. rodneyanum* ex Chawton Bushlands, Australia, GER727 (hand poll.) - PB
 3848 *P. roseopetalum* ex Bokkeveld escarpment, GER179 (hand poll.) - MS
 3849 *P. rubiginosum* (hand poll.) - MT
 3850 *P. rubiginosum* ex N Eksteenfontein, GER335 (hand poll.) - MS
 3851 *P. saxatile* ex Wolesley, GER287 (hand poll.) - MS
 3852 *P. schizopetalum* ex N Knysna, GER405 (hand poll.) - MS *very few seeds!*
 3853 *P. seneciooides* (open poll.) - CSG
 3854 *P. seneciooides* (open poll.) - PE
 3855 *P. sericifolium* ex E Springbok, GER547 (hand poll.) - MS *very few seeds!*
 3856 *P. sidoides* (open poll.) - CB *very few seeds!*
 3857 *P. sidoides* (open poll.) - MT
 3858 *P. sp.* - CSG
 3859 *P. sp. nov.* 'invertum' section Hoarea (handpoll.) - MPW
 3860 *P. sp. nov.* section Ciconium ex S Eksteenfontein, GER505 (hand poll) - MS
 3861 *P. sp. nov.* section Hoarea ex Cape Agulhas, GER615 (hand poll.) - JM
 3862 *P. sp. nov.* section Hoarea ex Hermon, GER545 (hand poll.) - MS
 3863 *P. sp. nov.* section Hoarea ex Koue Bokkeveld, GER541 (hand poll.) - MS
 3864 *P. sp. nov.* section Hoarea ex Rawsonville, GER373 (hand poll.) - MS
 3865 *P. sp. nov.* section Hoarea ex Robertson, GER374 (hand poll.) - JM
 3866 *P. sp. nov.* section Hoarea ex Robertson, GER374 (hand poll.) - MS
 3867 *P. sp. nov.* section Hoarea ex S Swellendam, GER499 (hand poll.) - MS
 3868 *P. sp. nov.* section Hoarea ex W Kamieskroon, GER514 (hand poll.) - MS
 3869 *P. stipulaceum* (open poll.) - BHE
 3870 *P. stipulaceum* ssp. *ovatostipulatum* ex N Matjiesfontein, GER294 (hand poll.) - MS
 3871 *P. stipulaceum* ssp. *stipulaceum* ex Calvinia, GER525 (hand poll.) - MS
 3872 *P. tabulare* ex Piketberg, GER643 (hand poll.) - JM
 3873 *P. tenellum* ex Swartland, GER420 (hand poll.) - JM
 3874 *P. tenellum* ex Swartland, GER420 (hand poll.) - MS

- 3875 *P. ternifolium* ex Paarl, GER307 (hand poll.) - MS
 3876 *P. tetragonum* - CSG *very few seeds!*
 3877 *P. tetragonum* (hand poll.) - RDC
 3878 *P. tetragonum* (open poll.) - BHE
 3879 *P. tetragonum* (open poll.) - OG *very few seeds!*
 3880 *P. tongaense* - CS
 3881 *P. tongaense* (hand poll.) - JPD
 3882 *P. tongaense* (hand poll.) - MT
 3883 *P. tongaense* (open poll.) - AC
 3884 *P. tongaense* (open poll.) - CSG *very few seeds!*
 3885 *P. tongaense* (open poll.) - PE
 3886 *P. tongaense* (open poll.) - RP
 3887 *P. torulosum* ex Sutherland, GER354 (hand poll.) - MS
 3888 *P. transvaalense* every zoned leaves (hand poll.) - MT
 3889 *P. triandrum* MV6376 (hand poll.) - TO *very few seeds!*
 3890 *P. trifidum* - LF
 3891 *P. trifidum* (hand poll.) - RDC
 3892 *P. trifoliolatum* (hand poll.) - CHB
 3893 *P. tripalmatum* S Eksteenfontein, GER506 (hand poll.) - MS
 3894 *P. triphyllum* ex Nieuwoudtville, GER521 (hand poll.) - MS
 3895 *P. triphyllum* ex Prince Alfred Hamlet, GER379 (hand poll.) - MS
 3896 *P. triphyllum* ex S Nieuwoudtville, GER464 (hand poll.) - MS
 3897 *P. triste* - LF
 3898 *P. triste* 'Parsley' (open poll.) - SC
 3899 *P. undulatum* (hand poll.) - MPW
 3900 *P. undulatum* ex SE Worcester, GER439 (hand poll.) - JM
 3901 *P. weberi* ex Malgas, GER745 (hand poll.) - MS
 3902 *P. viciifolium* ex Darling, GER732 (hand poll.) - JM
 3903 *P. viciifolium* ex Darling, GER732 (hand poll.) - MS
 3904 *P. viciifolium* ex Swartland, GER781 (hand poll.) - JM
 3905 *P. vinaceum* ex Concordia, GER775 (hand poll.) - MS
 3906 *P. vinaceum* ex NE Steinkopf, GER513 (hand poll.) - MS
 3907 *P. vinaceum* JAA1373 ex Kourkammaberge (hand poll.) - JAA
 3908 *P. vinaceum* very floriferous (hand poll.) - MT
 3909 *P. violiflorum* (hand poll.) - JPD
 3910 *P. violiflorum* (hand poll.) - KB
 3911 *P. violiflorum* (hand poll.) - NM
 3912 *P. violiflorum* (open poll.) - BHE *very few seeds!*
 3913 *P. violiflorum* ex ES3107B (hand poll.) - GX
 3914 *P. violiflorum* ex Huntington 2020/21 (hand poll.) - MPW
 3915 *P. violiflorum* ex McGregor, GER496 (hand poll.) - JM
 3916 *P. violiflorum* ex McGregor, GER496 (hand poll.) - MS
 3917 *P. violiflorum* ex Penroc Seeds (hand poll.) - PB
 3918 *P. viscosissimum* (syn. *P. glutinosum*), (open poll.) - OG
 3919 *P. vitifolium* (open poll.) - PE
 3920 *P. vitifolium* ex Jonkerhoek (field coll.) - JPD
 3921 *P. worcesterae* (hand poll.) - RDC
 3922 *P. worcesterae* (open poll.) - CA

- 3923 *P. worcesterae* (open poll.) - CH
 3924 *P. worcesterae* (open poll.) - MT
 3925 *P. wuppertalense* (hand poll.) - NM
 3926 *P. wuppertalense* ex S Cederberge, GER787 (hand poll.) - JM
 3927 *P. xanthopetalum* ex Caledon, GER534 (hand poll.) - MS
 3928 *P. xanthopetalum* ex Caledon, GER534 (hand poll.) - BK *very few seeds!*
 3929 *P. xerophyton* - LF
 3930 *P. xerophyton* (open poll.) - MF
 3931 *P. xerophyton* ex Exotica (open poll.) - BK
 3932 *P. xerophyton* ex Namies, GER327 (hand poll.) - MS
 3933 *P. zonale* ex Montagu, GER831 (hand poll.) - PB
 3934 *P. zonale* ex Oudtshoorn, GER705 (hand poll.) - JM
 3935 *P. zonale* ex Seweweekspoort (field coll.) - JPD
 3936 *P. zonale* x *P. inquinans* (open poll.) - AC
 3937 *S. camdeboense* ex Beaufort West, GER325 (hand poll.) - MS *very few seeds!*
 3938 *S. camdeboense* ex W Graaff Reinet, GER324 (hand poll.) - MS
 3939 *S. crassicaule* ex Namies, GER383 (hand poll.) - MS *very few seeds!*
 3940 *S. herrei* - CS *very few seeds!*
 3941 *S. patersonii* ex E Alexander Bay, GER313 (hand poll.) - MS
 3942 *S. patersonii* ex S Alexander Bay, GER314 (hand poll.) - MS
 3943 *S. vanderietiae* - CS
 3944 *S. vanderietiae* (hand poll.) - JAM
 3945 *S. vanderietiae* (hand poll.) - CA
 3946 *S. vanderietiae* (hand poll.) - MT *very few seeds!*
 3947 *S. vanderietiae* ex Fish River, GER752 (hand poll.) - MS

SEED REMAINING FROM SEED LIST 2022

- 2935 *E. cruinum* (open poll.) - PB
 2936 *E. manescavii* (open poll) - LF
 2937 *G. biuncinatum* ex. Yemen (open poll.) - PB
 2941 *G. pratense* 'Album' (open poll.) - RVV
 2942 *G. pratense* 'Midnight Cloud' (open poll.) - RVV
 2943 *G. pratense* 'Roseum' (open poll.) - RVV
 2946 *G. pratense* 'Yorkshire Queen' (open poll.) - RVV
 2947 *G. psilostemon* (open poll.) - RVV
 2948 *G. robustum* (hand poll.) - DE
 2949 *G. robustum* ex Silverhill Seed (open poll.) - PB
 2950 *G. yoshinoi* 'Confetti' (open poll.) - RVV
 2952 *M. emarginata* (open poll.) - PB
 2956 *P. acraeum* ex Seeds for Africa (open poll.) - PB
 2957 *P. aff. auritum* ex. E Montagu, GER567 (hand poll.) - MS
 2958 *P. aff. bubonifolium* ex 40 km E Springbok, GER601 (hand poll.) - MS
 2959 *P. aff. bubonifolium* 'montanum' ex Leliefontein (hand poll.) - BK
 2960 *P. aff. bubonifolium* 'montanum' ex Leliefontein, GER519 (hand poll.) - MS
 2962 *P. alchemilloides* (hand poll.) - DE
 2963 *P. alchemilloides* (hand poll.) - JWV
 2964 *P. alchemilloides* (hand poll.) - RDC

- 2965 *P. alternans* (hand poll.) - KK
 2966 *P. alternans* (open poll.) - MF
 2968 *P. alternans* ssp. *longicalcar* (open poll.) - MF
 2973 *P. anethifolium* (hand poll.) - KK
 2974 *P. anethifolium* ex Worcester, GER561 (hand poll.) - MS
 2978 *P. appendiculatum* (hand poll.) - DE
 2979 *P. appendiculatum* (hand poll.) - JCR
 2980 *P. appendiculatum* (hand poll.) - JWV
 2981 *P. appendiculatum* (hand poll.) - MT
 2982 *P. appendiculatum* (open poll.) - KS
 2983 *P. appendiculatum* (open poll.) - MF
 2984 *P. appendiculatum* (open poll.) - PB
 2989 *P. aridum* - MT
 2990 *P. aridum* (hand poll.) - CA
 2992 *P. aridum* (open poll.) - BK
 2996 *P. articulatum* ex Nababeep, GER342 (hand poll.) - MS
 3002 *P. auritum* var. *auritum* - MT
 3007 *P. australe* (open poll.) - KS
 3008 *P. australe* (open poll.) - RDC
 3010 *P. australe* 'Inland' (open poll.) - OG
 3011 *P. australe* - MT
 3012 *P. barklyi* - CS
 3013 *P. barklyi* - MT
 3014 *P. barklyi* (hand poll.) - CA
 3018 *P. barklyi* (hand poll.) - NM
 3019 *P. barklyi* (open poll.) - EH
 3020 *P. barklyi* ex IGG Seed List 2021: 1984 (open poll.) - TD
 3021 *P. barklyi* ex Kamieskroon, GER516 (hand poll.) - MS
 3022 *P. betulinum* pale purple (open poll.) - CEO
 3023 *P. boranense* ex Sidamo Ethiopia, GER595 (hand poll.) - MS
 3024 *P. brevipetalum* ex N Matjiesfontein, GER364 (hand poll.) - MS
 3025 *P. bubonifolium* (hand poll.) - NM
 3026 *P. bubonifolium* ex E Springbok, GER509 (hand poll.) - MS
 3027 *P. buysii* (open poll.) - PB
 3028 *P. campestre* (hand poll.) - NM
 3029 *P. campestre* (hand poll.) - PL
 3030 *P. campestre* (open poll.) - KS
 3033 *P. candicans* 'pink form' (open poll.) - PB
 3034 *P. capitatum* (hand poll.) - CA
 3035 *P. capitatum* (hand poll.) - DE
 3036 *P. capitatum* (hand poll.) - JWV
 3037 *P. capitatum* (open poll.) - CEO
 3038 *P. capitatum* (open poll.) - MBO
 3039 *P. capitatum* ex Cape Town, GER310 (hand poll.) - MS
 3040 *P. capitatum* ex Elim, GER 672 (hand poll.) - JM
 3050 *P. carnosum* ssp. *ferulaceum* (hand poll.) - JB
 3051 *P. carnosum* ssp. *ferulaceum* (open poll.) - CSG
 3056 *P. chamaedrifolium* (open poll.) - TO

- 3058 *P. chelidonium* ex Hermon, GER284 (hand poll.) - MS
 3061 *P. columbinum* (open poll.) - PB
 3062 *P. columbinum* ex Tulbagh, GER729 (hand poll.) - JM
 3063 *P. columbinum* syn. *P. iocastum* (open poll.) - EH
 3064 *P. columbinum* syn. *P. iocastum* (open poll.) - TO
 3073 *P. crassicaule* ex N Lüderitz, GER484 (hand poll.) - MS
 3074 *P. crispum* (open poll.) - OG
 3075 *P. crithmifolium* (hand poll.) - JCR
 3076 *P. crithmifolium* (open poll.) - BH
 3077 *P. crithmifolium* ex N Concordia, GER328 (hand poll.) - MS
 3085 *P. denticulatum* (open poll.) - CEO
 3087 *P. desertorum* (open poll.) - LF
 3089 *P. dolomiticum* - MT
 3090 *P. dolomiticum* (hand poll.) - CA
 3091 *P. dolomiticum* ex Seeds for Africa (open poll.) - PB
 3093 *P. echinatum* pink x white (hand poll.) - BK
 3097 *P. elongatum* - MT
 3098 *P. elongatum* (hand poll.) - BK
 3099 *P. elongatum* (hand poll.) - CA
 3101 *P. elongatum* (hand poll.) - JCR
 3102 *P. elongatum* (hand poll.) - JWV
 3103 *P. elongatum* (open poll.) - CSG
 3104 *P. elongatum* (open poll.) - PB
 3105 *P. elongatum* (open poll.) - TO
 3106 *P. elongatum* open poll.) - PE
 3110 *P. exhibens* - MT
 3111 *P. exhibens* ex Slutterheim (open poll.) - PB
 3112 *P. exstipulatum* (open poll.) - PB
 3115 *P. flavidum* ex De Doors, JAA2274 (hand poll.) - MT
 3119 *P. fruticosum* ex Swartberg (open poll.) - PB
 3120 *P. fruticosum* ex Swartberg, GER663 (hand poll.) - JM
 3121 *P. fulgidum* - MT
 3123 *P. fulgidum* ex West Coast, GER276 (hand poll.) - MS
 3124 *P. fumariifolium* ex SE Clanwilliam, GER508 (hand poll.) - MS
 3126 *P. gibbosum* (open poll.) - OG
 3127 *P. githagineum* (hand poll.) - BH
 3128 *P. githagineum* ex Sutherland, GER592 (hand poll.) - MS
 3129 *P. githagineum* ex Sutherland, JAA2500 (hand poll.) - MT
 3132 *P. glutinosum* syn. *P. viscosissimum* ex Stegmeier (open poll.) - EH
 3134 *P. grenvilleae* ex E Springbok, GER510 (hand poll.) - MS
 3135 *P. grenvilleae* ex Kamiesberg (hand poll.) - BK
 3136 *P. grenvilleae* ex Leliefontein, GER467 (hand poll.) - MS
 3137 *P. grenvilleae* ex N Springbok (hand poll.) - BK
 3138 *P. grenvilleae* ex Steinkopf, JAA 2468 (hand poll.) - MT
 3139 *P. grenvilleae* ex. Koriesberg (hand poll.) - BK
 3142 *P. griseum* ex Calvinia, GER549 (hand poll.) - MS
 3143 *P. grossularoides* (hand poll.) - JWV
 3144 *P. grossularoides* (open poll.) - CEO

- 3145 *P. grossularoides* (open poll.) - JB
 3146 *P. grossularoides* (open poll.) - OG
 3147 *P. grossularoides* (open poll.) - PE
 3148 *P. grossularoides* (open poll.) - TO
 3149 *P. hermanniifolium* (open poll.) - PB
 3150 *P. heterophyllum* ex Swartland, GER419 (hand poll.) - MS
 3152 *P. hirtum* - MBO
 3153 *P. hirtum* - MT
 3155 *P. hirtum* (open poll.) - PB
 3156 *P. hirtum* ex Darling, GER322 (hand poll.) - MS
 3157 *P. hirtum* ex Darling, GER679 (hand poll.) - JM
 3158 *P. hispidum* ex Royal Botanical Garden Edinburgh (open poll.) - PB
 3163 *P. incrassatum* (hand poll.) - JCR
 3164 *P. incrassatum* (hand poll.) - PL
 3165 *P. incrassatum* ex Kamiesberge, GER344 (hand poll.) - MS
 3166 *P. incrassatum* ex Richtersveld, GER599 (hand poll.) - MS
 3167 *P. incrassatum* pink (hand poll.) - CA
 3169 *P. incrassatum* white/pink (hand poll.) - CA
 3170 *P. inodorum* (open poll.) - PB
 3171 *P. inquinans* (open poll.) - LF
 3174 *P. ionidiflorum* (open poll.) - KS
 3175 *P. ionidiflorum* ex Cradock, GER550 (hand poll.) - MS
 3182 *P. laevigatum* ex Baviaanskloof (hand poll.) - BK
 3183 *P. laevigatum* ex Royal Botanical Garden Edinburgh (open poll.) - PB
 3185 *P. lanceolatum* ex Royal Botanical Garden Edinburgh (open poll.) - PB
 3186 *P. laxum* (hand poll.) - CA
 3188 *P. laxum* (hand poll.) - JB
 3189 *P. laxum* (hand poll.) - MT
 3190 *P. laxum* (open poll.) - CSG
 3191 *P. laxum* (open poll.) - RDC
 3192 *P. laxum* ssp. *karoicum* ex Anysberg, GER366 (hand poll.) - MS
 3193 *P. laxum* ssp. *karoicum* ex De Rust, GER538 (hand poll.) - MS
 3194 *P. laxum* ssp. *laxum* (open poll.) - RDC
 3200 *P. littorale* (hand poll.) - DE
 3201 *P. littorale* (hand poll.) - JWV
 3210 *P. luteum* (hand poll.) - MT
 3211 *P. luteum* ex N Nieuwoudtville, GER423 (hand poll.) - MS
 3212 *P. magenteum* - CS
 3214 *P. magenteum* (open poll.) - PB
 3217 *P. mollicomum* (hand poll.) - MT
 3218 *P. mollicomum* (open poll.) - CSG
 3220 *P. moniliforme* ex Kamieskroon, GER348 (hand poll.) - MS
 3221 *P. moniliforme* ex Leliefontein, GER349 (hand poll.) - MS
 3222 *P. moniliforme* ex N Nieuwoudtville, GER351 (hand poll.) - MS
 3225 *P. multibracteatum* (open poll.) - CSG
 3227 *P. mutans* - MT
 3228 *P. myrrhifolium* (hand poll.) - DE
 3230 *P. myrrhifolium* (open poll.) - CSG

- 3232 *P. myrrhifolium* ssp. *coriandrifolium* (open poll.) - CSG
 3233 *P. myrrhifolium* ssp. *coriandrifolium* (open poll.) - KS
 3235 *P. nanum* (hand poll.) - CA
 3236 *P. nanum* (open poll.) - MT
 3237 *P. nanum* (open poll.) - TO
 3238 *P. nanum* ex Silverhill Seed (open poll.) - PB
 3247 *P. oblongatum* (hand poll.) - JM
 3250 *P. ochroleucum* (hand poll.) - NM
 3251 *P. ochroleucum* (hand poll.) - PL
 3252 *P. ochroleucum* (open poll.) - KS
 3253 *P. ochroleucum* ex IGG 2019/20: 1721 (hand poll.) - PB
 3254 *P. ochroleucum* ex IGG Seed List 2013 DV, MV (hand poll) - BH
 3256 *P. odoratissimum* (oen poll.) - PE
 3258 *P. odoratissimum* ex Baviaanskloof - VO
 3259 *P. odoratissimum* ex Buffeljagdsrivier - VO
 3260 *P. odoratissimum* ex E Swellendam, GER612 (hand pol.) - MS
 3261 *P. otaviense* (open poll.) - PB
 3263 *P. ovale* ssp. *hyalinum* ex IGG Seed List 2019/2020 (hand poll.) - JM
 3270 *P. pallidoflavum* ex West Coast, GER566 (hand poll.) - MS
 3271 *P. panduriforme* (open poll.) - KS
 3277 *P. parviflorum* ex Silverhill Seed (open poll.) - PB
 3280 *P. parvipetalum* (open poll.) - NM
 3281 *P. parvipetalum* ex Garies, GER462 (hand poll.) - MS
 3282 *P. patulum* (hand poll.) - DE
 3283 *P. patulum* (hand poll.) - JVV
 3284 *P. peltatum* ex Kaspersnek - VO
 3285 *P. peltatum* ex Silverhill Seed (open poll.) - PB
 3292 *P. pilosellifolium* ex Swellendam (field coll.) - JM
 3297 *P. polycephalum* (open poll.) - RDC
 3299 *P. proliferum* ex Bokkeveld escarpment, GER528 (hand poll.) - MS
 3302 *P. proliferum* ex Villiersdorp, GER571 (hand poll.) - MS
 3303 *P. pulchellum* ex Nababeep, GER341 (hand poll.) - MS
 3308 *P. quercifolium* (open poll.) - KS
 3310 *P. quinquelobatum* - MT
 3311 *P. quinquelobatum* (hand poll.) - CA
 3312 *P. quinquelobatum* (open poll.) - CSG
 3313 *P. quinquelobatum* (open poll.) - OG
 3314 *P. quinquelobatum* (open poll.) - SC
 3315 *P. quinquelobatum* ex IGG Seed List: 2827 (open poll.) - TD
 3319 *P. radiatum* ex SW Worcester, GER436 (hand poll.) - MS
 3320 *P. radicatum* (hand poll.) - NM
 3321 *P. radicatum* ex S Nieuwoudtville, GER 463 (hand poll.) - JM
 3324 *P. ranuculophyllum* (hand poll.) - DE
 3325 *P. ranunculophyllum* (hand poll.) - JVV
 3326 *P. ranunculophyllum* (open poll.) - CEO
 3331 *P. redactum* ex Springbok (open poll.) - PB
 3332 *P. reflexipetalum* (hand poll.) - BK
 3333 *P. reflexipetalum* ex Cederberg, GER416 (hand poll.) - MS

- 3334 *P. reflexipetalum* ex Cederberg, GER83 (hand poll.) - JM
 3339 *P. ribifolium* (open poll.) - KS
 3341 *P. ribifolium* STEU 1000 (open poll.) - EH
 3345 *P. scabroide* (open poll.) - PB
 3346 *P. scabrum* ex Vanrhynsdorp (open poll.) - KS
 3350 *P. seneciooides* (open poll.) - PB
 3356 *P. sp. nov. aff. caroli-henrici* (hand poll.) - NM
 3358 *P. sp. nov.* sect. Ciconium, ex S Eksteenfontein, GER505 (hand poll.) - MS
 3360 *P. sp. nov.* sect. Hoarea ex Robertson (hand poll.) - BK
 3361 *P. sp. nov.* sect. Hoarea ex S Swellendam, GER499 (hand poll.) - JM
 3362 *P. sp. nov.* sect. Hoarea ex Cape Agulhas, GER615 (hand poll.) - JM
 3363 *P. sp. nov.* sect. Hoarea, ex Koue Bokkeveld, GER541 (hand poll.) - MS
 3364 *P. sp. nov.* sect. Hoarea, ex Rawsonville, GER373 (hand poll.) - MS
 3366 *P. sp. nov.* sect. Hoarea, ex W Kamieskroon, GER514 (hand poll.) - JM
 3368 *P. sp. nov.* sect. Hoarea, ex S Swellendam, GER499 (hand poll.) - MS
 3372 *P. tabulare* (open poll.) - PB
 3374 *P. tenellum* ex Swartland (hand poll.) - BK
 3375 *P. tenellum* ex Swartland, GER420 (hand poll.) - JM
 3377 *P. tenuicaule* (hand poll.) - PB
 3382 *P. tetragonum* (hand poll.) - RDC
 3383 *P. tomentosum* (open poll.) - PE
 3384 *P. tongaense* - CS
 3385 *P. tongaense* - MT
 3386 *P. transvaalense* (hand poll.) - PB
 3391 *P. trifidum* (open poll.) - LF
 3394 *P. tripalmatum* ex S Eksteenfontein, GER506 (hand poll.) - MS
 3395 *P. triphyllum* ex Prince Alfred Hamlet, GER379 (hand poll.) - MS
 3397 *P. triste* (hand poll.) - KK
 3399 *P. triste* (open poll.) - LF
 3400 *P. triste* (open poll.) - PB
 3402 *P. whytei* (open poll.) - PB
 3403 *P. vinaceum* (hand poll.) - MT
 3404 *P. vinaceum* (hand poll.) - NM
 3405 *P. vinaceum* ex N Springbok, GER707 (hand poll.) - MS
 3406 *P. vinaceum* ex NE Steinkopf, GER513 (hand poll.) - MS
 3407 *P. violiflorum* ex McGregor, GER496 (hand poll.) - MS
 3408 *P. violiflorum* (hand poll.) - NM
 3410 *P. violiflorum* ex McGregor, GER496 (hand poll.) - JM
 3411 *P. violiflorum* ex Robin Parer (hand poll.) - BH
 3412 *P. vitifolium* (hand poll.) - JWV
 3413 *P. vitifolium* (open poll.) - CEO
 3414 *P. vitifolium* (open poll.) - PE
 3416 *P. worcesterae* - MT
 3417 *P. worcesterae* (hand poll.) - BK
 3418 *P. worcesterae* (hand poll.) - RDC
 3421 *P. wuppertalense* ex. Cederberg, GER 704 (hand poll.) - JM
 3426 *P. xerophyton* (open poll.) - LF
 3429 *P. xerophyton* ex Naries, GER327 (hand poll.) - MS

- 3430 *P. zonale* (open poll.) - PE
 3432 *P. zonale* ex Oudtshoorn - VO
 3439 *S. patersonii* ex E Alexander Bay, GER313 (hand poll.) - MS
 3441 *S. vanderietiae* - CS
 3442 *S. vanderietiae* (hand poll.) - KK
 3443 *S. vanderietiae* (hand poll.) - PL

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