



INTERNATIONAL GERANIACEAE GROUP SEED LIST 2021

Welcome to the International Geraniaceae Group Seed List 2021. As last year we first list the new donations, including a few late arriving seed donations from 2020, followed by a list of seeds remaining from the 2020 list. We have several first-time donors this year whom we welcome. 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
2. Include your name and postal address in your order. **Orders must include the name and postal address in Latin script, line by line exactly as name and address 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, so an order should contain a maximum of 25 lines.
6. Several donations contain very few seeds so you are recommended to **add several substitutes in case your first choice is sold out**. In case of multiple donations per taxon, you are recommended to list several numbers in a line separated by hyphens to indicate acceptable substitutes (eg. 1953-1954-1955-1956). By doing so, you will have a better chance to achieve the best result of your seed order.
7. Don't hesitate to order seeds from the 2020 seed list. Geraniaceae seeds are viable for many years.
8. **Do not list one reference number more than once and the same taxon more than twice.** The latter is possible only if the donor is different.
9. **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 obtain the maximum number of packets. Make full use of the opportunity to list substitutes (point 6).
10. **The deadline for sending orders is 20th November 2021.**

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 seed availability, 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 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](#).

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 under the old name of *Sarcocaulon*.

Double or triple capital letters at the end of the list inform you which donor sent the seeds.

Payments

Payments are only accepted by Paypal, please [follow the instructions here](#) and 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.

Good luck and good growing!

Double or triple capital letters at the end of the list inform you which donor sent the seeds.

- 2447 *E. castellanum* (open poll.) - BHE *very few seeds!*
2448 *E. cruinum* (open poll.) - PB
2449 *E. manascavii* (open poll.) - BHE
2450 *E. manescavii* (open poll.) - JPD
2451 *E. pelargoniflorum* GGG 07/1994 (open poll.) - JPD
2452 *E. trifolium* (hand poll.) - NW
2453 *E. trifolium* (open poll.) - CSG
2454 *E. trifolium* (open poll.) - JPD
2455 *G. asphodelioides* ssp. *asphodelioides* (open poll.) - DE
2456 *G. asphodelioides* ssp. *sintenisii* (open poll.) - DE
2457 *G. biuncinatum* (open poll.) - DE
2458 *G. bohemicum* coll. Pamirs-Kyrgystan (open poll.) - DE
2459 *G. brevicaule* (open poll.) - BHE
2460 *G. collinum* ES 00 142 coll. Termas El Plomo, Chile (open poll.) - DE
2461 *G. collinum* 'Tien Shan' (open poll.) - MVV
2462 *G. core-core* coll. Termas El Plomo, Chile (open poll.) - DE
2463 *G. 'Danny Boy'* (open poll.) - DE
2464 *G. erianthum* (open poll.) - MVV
2465 *G. ibericum* 'Jubatum' (open poll.) - MVV
2466 *G. ibericum* 'Ushguli Grey' (open poll.) - MVV
2467 *G. koreeanum* (open poll.) - BHE
2468 *G. lucidum* (open poll.) - DE
2469 *G. maculatum* 'Kath Dryden' (open poll.) - DE
2470 *G. 'Mrs Judith Bradshaw'* (open poll.) - DE
2471 *G. nodosum* (open poll.) - JPD
2472 *G. orientali tibeticum* (open poll.) - DE
2473 *G. pilostemon* (open poll.) - MVV
2474 *G. pratense* 'Hanna' (open poll.) - MVV
2475 *G. pratense* 'Lolkes Geel' white flowers (open poll) - MVV
2476 *G. pratense* 'Milou' (open poll.) - MVV
2477 *G. pratense* ssp. *stewartianum* 'Elizabeth Yeo' (open poll.) - MVV
2478 *G. pratense* 'Striatum' (open poll.) - MVV
2479 *G. psilostemon* 'Jason Bloom' (open poll.) - DE
2480 *G. robustum* (open poll.) - DE
2481 *G. rubifolium* (open poll.) - BHE
2482 *G. shikokianum* (open poll.) - BHE
2483 *G. swatense* (open poll.) - MVV
2484 *G. sylvaticum* 'Jona P' (open poll.) - DE
2485 *G. sylvaticum* 'Mayflower' (open poll.) - DE
2486 *G. sylvaticum* 'Ray Pink' (open poll.) - DE
2487 *G. versicolor* (open poll, isolated plants) - AA
2488 *M. emarginata* (hand poll.) - JM
2489 *M. emarginata* (open poll.) - PB
2490 *M. speciosa* ex. Darling (hand poll.) - JPD *very few seeds!*
2491 *P. acetosum* (open poll.) - CH *very few seeds!*
2492 *P. aff. bubonifolium* ex. E Springbok, GER 601 (hand poll.) - MS

- 2493 *P. aff. bubonifolium 'montanum'* ex. Leliefontein, GER 519 (hand poll.) - MS
 2494 *P. aff. fissifolium* ex. Worcester, GER 370 (hand poll.) - MS
 2495 *P. aff. quinquelobatum* ex. Machakos, Kenya (open poll.) - MW
 2496 *P. aff. reflexipetalum* (hand poll.) - BH
 2497 *P. aff. vinaceum* (hand poll.) - CK
 2498 *P. albersii* ex. E Alexander Bay, GER 245 (hand poll.) - MS
 2499 *P. alchemilloides* (open poll.) - AC
 2500 *P. alchemilloides* (open poll.) - CH
 2501 *P. alchemilloides* (open poll.) - PMB
 2502 *P. alchemilloides* (open poll.) - RDC
 2503 *P. alchemilloides* ex. Iringa Prov., GER 608 (hand poll.) - MS
 2504 *P. alchemilloides* ex. Tradouw's Pass (hand poll.) - JM
 2505 *P. alchemilloides* tight plant with pink flowers - RV
 2506 *P. alchemilloides* var. *multibracteatum* (open poll.) - EH
 2507 *P. alchemilloides* white flowers (open poll.) - EH
 2508 *P. alternans* (open poll.) - MF
 2509 *P. alternans* (open poll.) - PB
 2510 *P. alternans* (open poll.) - TG
 2511 *P. alternans* ssp. *longicalcar* (open poll.) - BHE
 2512 *P. althaeoides* ex. Tulbagh (open poll.) - JPD
 2513 *P. antidysentericum* ssp. *zonale* ex. Eksteenfontein, GER 331 (hand poll.) - MS *very few seeds!*
 2514 *P. appendiculatum* (hand poll.) - CK
 2515 *P. appendiculatum* (hand poll.) - CS
 2516 *P. appendiculatum* (hand poll.) - JCR
 2517 *P. appendiculatum* (hand poll.) - JPD
 2518 *P. appendiculatum* (open poll.) - BH
 2519 *P. appendiculatum* (open poll.) - CSG
 2520 *P. appendiculatum* (open poll.) - TG *very few seeds!*
 2521 *P. appendiculatum* ex. West Coast, GER 585 (hand poll.) - MS
 2522 *P. aridicola* - TOH
 2523 *P. aridicola* ex. Concordia, GER 330 (hand poll.) - MS
 2524 *P. aridum* - TO
 2525 *P. aridum* (hand poll.) - MT *very few seeds!*
 2526 *P. aridum* (open poll.) - BH
 2527 *P. aridum* (open poll.) - BHE
 2528 *P. aridum* (open poll.) - BK
 2529 *P. aridum* (open poll.) - JPD
 2530 *P. aridum* (open poll.) - RDC
 2531 *P. aristatum* ex. S Nieuwoudtville, GER 526 (hand poll.) - MS
 2532 *P. articulatum* ex. Bokkeveld escarpment, GER156 (hand poll.) - MS
 2533 *P. articulatum* ex. Nababeep, GER 342 (hand poll.) - MS
 2534 *P. articulatum* ex. Sutherland, GER 458 (hand poll.) - MS
 2535 *P. asarifolium* ex. N Tulbagh, GER 267 (hand poll.) - MS
 2536 *P. auritum* - KS
 2537 *P. auritum* (hand poll.) - JCR
 2538 *P. auritum* (open poll.) - CSG
 2539 *P. auritum* black flowers EDM - RV
 2540 *P. auritum* ex. Cederberg - TOH

- 2541 *P. auritum* var. *auritum* (hand poll.) - BH
2542 *P. auritum* var. *auritum* (hand poll.) - JM
2543 *P. auritum* var. *auritum* (hand poll.) - JPD
2544 *P. auritum* var. *auritum* (open poll, isolated plants) - AA
2545 *P. auritum* var. *auritum* (open poll.) - TG
2546 *P. auritum* var. *auritum* ex. Prins Alfred Hamlet, GER 380 (hand poll.) - MS
2547 *P. auritum* var. *carneum* (hand poll.) - JPD
2548 *P. australe* - EH
2549 *P. australe* (open poll.) - RDC
2550 *P. australe* 'Inland' - TO
2551 *P. australe* 'Inland' (open poll.) - MF
2552 *P. australe* pink flowers - TO
2553 *P. australe* 'Tasmanian' (open poll.) - CSG
2554 *P. barklyi* (hand poll.) - CK
2555 *P. barklyi* (open poll.) - AA
2556 *P. barklyi* (open poll.) - BHE
2557 *P. barklyi* ex. Kamieskroon, GER 516 (hand poll.) - MS
2558 *P. barklyi* ex. near Garies - RV
2559 *P. barklyi*(open poll.) - MW
2560 *P. boranense* ex. Sidamo, Ehtiopia, GER 595 (hand poll.) - MB
2561 *P. bubonifolium* ex. E Springbok, GER 509 (hand poll.) - MS
2562 *P. buysii* - TO
2563 *P. caledonicum* ex. Shaw's Pass (hand poll.) - BK
2564 *P. campestre* ex. Port Elizabeth, GER 502 (hand poll.) - MS
2565 *P. candicans* (hand poll.) - NW
2566 *P. candicans* (open poll.) - BHE
2567 *P. candicans* ex. S Oudtshoorn, GER 572 (hand poll.) - MS
2568 *P. capitatum* ex. Cape Town, GER 310 (hand poll.) - MS
2569 *P. carnosum* - CA
2570 *P. carnosum* (open poll.) - CH
2571 *P. carnosum* (open poll.) - MF
2572 *P. carnosum* (open poll.) - SP
2573 *P. carnosum complex* Mr 3113 ex. Alexander Bay (hand poll.) - CK
2574 *P. carnosum* ex. Clanwilliam (open poll.) - MF
2575 *P. carnosum* ex. W Steinkopf, GER 602 (hand poll.) - MS
2576 *P. carnosum* ssp. *carnosum* (open poll.) - CSG
2577 *P. carnosum* ssp. *carnosum* ex. Swartland, GER 440 (hand poll.) - MS
2578 *P. carnosum* ssp. *ferulaceum* (open poll.) - CSG *very few seeds!*
2579 *P. carnosum* ssp. *ferulaceum* ex. SW Worcester, GER 415 (hand poll.) - MS
2580 *P. caucalifolium* (open poll.) - BH
2581 *P. caucalifolium* ssp. *caucalifolium* - KS
2582 *P. caylae* ex. S Madagascar, GER 393 (hand poll.) - MS
2583 *P. cf. pachypodium* - TOH
2584 *P. chamaedrifolium* - TO
2585 *P. chelidonium* ex. Hermon, GER 284 (hand poll.) - MS
2586 *P. citronellum* - KS
2587 *P. columbinum* ex. IGG 2019/20 PB (hand poll.) - JM
2588 *P. coronopifolium* ex. Bokkeveld escarpment, GER 527 (hand poll.) - MS

- 2589 *P. cortusifolium* (open poll.) - MF
 2590 *P. cortusifolium* ex. Lüderitz, GER 487 (open poll.) - MS *very few seeds!*
 2591 *P. crassicaule 'mirandus'* ex. E Lüderitz, GER 482 (hand poll) - MS *very few seeds!*
 2592 *P. crassipes* (hand poll.) - CS
 2593 *P. crassipes* (hand poll.) - NW
 2594 *P. crispum* - KS
 2595 *P. crithmifolium* (hand poll.) - CK
 2596 *P. crithmifolium* (hand poll.) - JCR
 2597 *P. crithmifolium* (hand poll.) - NW
 2598 *P. crithmifolium* (open poll.) - SP *very few seeds!*
 2599 *P. crithmifolium* (open poll.) - TG
 2600 *P. crithmifolium* ex. N Concordia, GER 328 (hand poll.) - MS
 2601 *P. crithmifolium* MV 2435 (open poll.) - BH
 2602 *P. cucullatum* ssp. *strigifolium* ex. Caledon (hand poll.) - JM
 2603 *P. cucullatum* ssp. *strigifolium* ex. Sir Lowry's Pass, GER 551 (open poll.) - MS
 2604 *P. cucullatum* ssp. *tabulare* ex. Cape Town, GER 309 (open poll.) - MS
 2605 *P. curviandrum* ex. Oudtshoorn, GER 390 (hand poll.) - MS
 2606 *P. dasypHYLLUM* (open poll.) - CH
 2607 *P. dasypHYLLUM* (open poll.) - SP *very few seeds!*
 2608 *P. dasypHYLLUM* ex. Platkloof - TOH
 2609 *P. dasypHYLLUM* ex. Studer's Pass - KS
 2610 *P. denticulatum* - KS
 2611 *P. desertorum* (hand poll.) - CS
 2612 *P. divisifolium* (hand poll.) - JPD
 2613 *P. dolomiticum* (open poll.) - PB
 2614 *P. dolomiticum* Preez 1996 (hand poll.) - JPD
 2615 *P. echinatum* - KS
 2616 *P. echinatum* (open poll.) - MT
 2617 *P. echinatum* pink x white (hand poll.) - BK
 2618 *P. ellaphieae* ex. Citrusdal, GER 442 (hand poll.) - MS
 2619 *P. elongatum* - KS
 2620 *P. elongatum* - TO
 2621 *P. elongatum* (open poll.) - BK
 2622 *P. elongatum* ex. Mesa Garden - CA
 2623 *P. endlicherianum* (open poll.) - CH
 2624 *P. endlicherianum* (open poll.) - MF
 2625 *P. endlicherianum* ex. Artvin, Turkey (hand poll.) - JM
 2626 *P. englerianum* -KS
 2627 *P. exhibens* (hand poll.) - JPD
 2628 *P. exhibens* (open poll.) - CH
 2629 *P. exhibens* 'Ayelo' ex. ADBLPS - CA
 2630 *P. exhibens* ex. W Graaf Reinet, GER 389 (open poll.) - MS
 2631 *P. fasciculaceum* ex. Citrusdal, GER 443 (hand poll.) - MS *very few seeds!*
 2632 *P. fergusoniae* (hand poll.) - JM
 2633 *P. fergusoniae* (open poll.) - GA *very few seeds!*
 2634 *P. 'filicifolium'* (open poll.) - CH
 2635 *P. fissifolium* - TOH
 2636 *P. fissifolium* US - TOH

- 2637 *P. flavidum* ex. De Doorns, GER 593 (hand poll.) - MS
 2638 *P. flavidum* JAA 2274 ex. De Doorns (field coll.) - MT *very few seeds!*
 2639 *P. frutetorum* GER 531 (open poll.) - MS
 2640 *P. fruticosum* ex. Swartberg Pass (hand poll.) - JM
 2641 *P. fulgidum* - TOH
 2642 *P. fulgidum* (hand poll.) - CK
 2643 *P. fulgidum* (hand poll.) - JPD
 2644 *P. fulgidum* (open poll.) - BHE
 2645 *P. fulgidum* (open poll.) - CH
 2646 *P. fulgidum* ex. West Coast, GER 276 (hand poll.) - MS
 2647 *P. fulgidum* 'Gary Scheidt' (hand poll.) - CS
 2648 *P. fulgidum* pink flowers (open poll.) - PB
 2649 *P. fumariifolium* ex. SE Clanwilliam, GER 530 (hand poll.) - JM
 2650 *P. fumariifolium* ex. SE Clanwilliam, GER 530 (hand poll.) - MS
 2651 *P. fumariifolium* JAA 2179 ex. Nardouberg (field coll.) - MT *very few seeds!*
 2652 *P. githagineum* ex Sutherland, GER 592 (hand poll.) - PB
 2653 *P. githagineum* ex. Sutherland, GER 592 (hand poll.) - MS
 2654 *P. githagineum* JAA 2500 (field coll.) - MT *very few seeds!*
 2655 *P. glabriphyllum* ex. Nieuwoudtville, GER 522 (hand poll.) - MS
 2656 *P. glutinosum* - KS
 2657 *P. glutinosum* x *viscosissimum* - EH
 2658 *P. grenvilleae* ex. 11 km N Concordia (hand poll.) - BK
 2659 *P. grenvilleae* ex. 6 km S Rooifontein (hand poll.) - BK
 2660 *P. grenvilleae* ex. E Springbok, GER 510 (hand poll.) - MS
 2661 *P. grenvilleae* ex. Eenriet, N Koerriesberg (hand poll.) - BK
 2662 *P. grenvilleae* ex. Knersvlakte, GER 598 (hand poll.) - MS
 2663 *P. grenvilleae* ex. Leliefontein, GER 467 (hand poll.) - MS
 2664 *P. greytonense* ex. Greyton - KS
 2665 *P. griseum* (open poll.) - SP
 2666 *P. griseum* ex. Calvinia, GER 549 (hand poll.) - MS
 2667 *P. grossularoides* - TO
 2668 *P. hermanniifolium* (open poll.) - CB *very few seeds!*
 2669 *P. heterophyllum* ex. Swartland, GER 419 (hand poll.) - MS
 2670 *P. hirtipetalum* ex. Kamiesberge, GER 515 (hand poll.) - MS
 2671 *P. hirtipetalum* ex. Kamiesberge, GER 517 (hand poll.) - MS
 2672 *P. hirtum* - TOH
 2673 *P. hirtum* (hand poll.) - CK
 2674 *P. hirtum* (hand poll.) - CS
 2675 *P. hirtum* (hand poll.) - NW
 2676 *P. hirtum* (open poll.) - JPD
 2677 *P. hirtum* (open poll.) - MW
 2678 *P. hirtum* ex. Darling, GER 322 (hand poll.) - MS
 2679 *P. hispidum* (open poll.) - RDC
 2680 *P. hispidum* ex. RBG Edinburgh (open poll.) - PB
 2681 *P. hystrix* (hand poll.) - CK
 2682 *P. hystrix* ex. N Matjiesfontein, GER 404 (hand poll.) - MS
 2683 *P. hystrix* JAA1138 ex. Matjiesfontein (field coll.) - MT *very few seeds!*
 2684 *P. incrassatum* (hand poll.) - JCR

- 2685 *P. incrassatum* (open poll.) - CSG *very few seeds!*
2686 *P. incrassatum* (pink x Skimmelberg) second generation (hand poll.) - BK
2687 *P. incrassatum* dark pink flowers - TOH
2688 *P. incrassatum* ex. Kamiesberge, GER 344 (hand poll.) - MS
2689 *P. incrassatum* magenta coloured flowers (open poll.) - RV
2690 *P. incrassatum* pink flowers (hand poll.) - RV
2691 *P. incrassatum* red flowers ex. Atomic Plant (hand poll.) - JM
2692 *P. inquinans* (open poll.) - AC
2693 *P. inquinans* ex. Peddie, GER 577 (open poll.) - MS
2694 *P. iocastum* (open poll.) - JPD
2695 *P. iocastum* ex. IGG 2020 no 2156 (open poll.) - AA
2696 *P. keeromsbergense* ex. Worcester, GER 409 (hand poll.) - MS
2697 *P. klinghardtense* (open poll.) - BH
2698 *P. klinghardtense* (open poll.) - CH
2699 *P. ladysmithianum* ex. De Rust, GER 500 (hand poll.) - MS
2700 *P. laevigatum* ex. Baviaanskloof (hand poll.) - BK
2701 *P. laevigatum* ssp. *oxypetalum* - KS
2702 *P. laxum* (hand poll.) - CK
2703 *P. laxum* (open poll.) - BK
2704 *P. laxum* ssp. *karooicum* (open poll.) - BHE
2705 *P. laxum* ssp. *karooicum* ex. Anysberg, GER 366 (hand poll.) - MS
2706 *P. laxum* ssp. *karooicum* ex. De Rust, GER 538 (hand poll.) - MS
2707 *P. leipoldtii* (hand poll.) - MS
2708 *P. leipoldtii* (hand poll.) - NW
2709 *P. leipoldtii* ex. N Nieuwoudtville, GER 446 (hand poll.) - MS
2710 *P. leipoldtii* ex. N Vanrhynsdorp, GER 255 (hand poll.) - MS
2711 *P. leipoldtii* ex. Steinkopf, GER 511 (hand poll.) - MS
2712 *P. leipoldtii* 'Mertenhof' ex Atomic Plant Nursery - CA
2713 *P. leptum* ex. Paarl, GER 540 (hand poll.) - MS
2714 *P. littorale* - EH
2715 *P. lobatum* (open poll.) - BH
2716 *P. lobatum* (open poll.) - BHE
2717 *P. lobatum* (open poll.) - JPD
2718 *P. lobatum* (open poll.) - MF *very few seeds!*
2719 *P. lobatum* ex. Cape Town, GER 312 (hand poll.) - MS
2720 *P. lobatum* ex. West Coast, GER 275 (hand poll.) - MS
2721 *P. luteopetalum* (open poll.) - GA *very few seeds!*
2722 *P. luteopetalum* ex. N Montagu (hand poll.) - JM
2723 *P. luteopetalum* ex. Sutherland, GER 353 (hand poll.) - MS
2724 *P. luteum* ex. N Nieuwoudtville, GER 423 (hand poll.) - MS
2725 *P. madagascariense* (open poll.) - AC
2726 *P. madagascariense* (open poll.) - RDC
2727 *P. magenteum* (hand poll.) - CS
2728 *P. magenteum* (open poll.) - BH
2729 *P. mirabile* syn. *P. crassicaule* (hand poll.) - BH
2730 *P. mirabile* syn. *P. crassicaule* (open poll.) - MF
2731 *P. mollicomum* (open poll.) - BHE
2732 *P. mollicomum* (open poll.) - CH

- 2733 *P. mollicomum* (open poll.) - CSG
2734 *P. mollicomum* (open poll.) - PMB
2735 *P. mollicomum* AO ex. ADBLPS - CA
2736 *P. mollicomum* ex. Atomic Plant Nursery - CA
2737 *P. mollicomum* JFS ex. ADBLPS - CA
2738 *P. mollicomum* Preez 1996 (hand poll.) - JPD
2739 *P. moniliforme* - TOH
2740 *P. moniliforme* ex. Gannaberg Pass, GER 361 (hand poll.) - MS *very few seeds!*
2741 *P. moniliforme* ex. Kamieskroon, GER 348 (hand poll.) - MS
2742 *P. moniliforme* ex. Leliefontein, GER 349 (hand poll.) - MS
2743 *P. moniliforme* ex. N Nieuwoudtville, GER 351 (hand poll.) - MS
2744 *P. moniliforme* ex. Skimmelberg (hand poll.) - BK
2745 *P. moniliforme* ex. Skimmelberg (hand poll.) - JM
2746 *P. moniliforme* ex. Skimmelberg JAA (open poll.) - MW
2747 *P. moniliforme* SA - TOH
2748 *P. moniliforme* ex. N Matjiesfontein, GER 292 (hand poll.) - MS
2749 *P. montaguense* ex. Montagu, GER 563 (hand poll.) - MS
2750 *P. multibracteatum* (open poll.) - CSG
2751 *P. multibracteatum* ex. Atomic Plant Nursery - CA
2752 *P. multicaule* (open poll.) - SP
2753 *P. multicaule* ssp. *multicaule* ex. IGG 2015 no 127 - PB
2754 *P. multiradiatum* STEU 3191 (hand poll.) - JPD
2755 *P. mutans* (open poll.) - RDC
2756 *P. myrrhifolium* (open poll.) - AC
2757 *P. myrrhifolium* ssp. *coriandrifolium* (hand poll.) - NW
2758 *P. myrrhifolium* ssp. *coriandrifolium* (open poll.) - BH
2759 *P. myrrhifolium* ssp. *coriandrifolium* (open poll.) - GA *very few seeds!*
2760 *P. myrrhifolium* ssp. *coriandrifolium* (open poll.) - SP
2761 *P. nanum* - KS
2762 *P. nanum* - TO
2763 *P. nanum* (open poll.) - GA *very few seeds!*
2764 *P. nanum* (open poll.) - MT
2765 *P. nanum* ex. Tradouw's Pass (hand poll.) - JM
2766 *P. nervifolium* ex. N Matjiesfontein, GER 449 (hand poll.) - JM
2767 *P. nervifolium* ex. N Matjiesfontein, GER 449 (hand poll.) - MS
2768 *P. nummulifolium* ex. Hawequa Mts, GER 564 (hand poll) - MS
2769 *P. oblongatum* - TOH
2770 *P. oblongatum* (hand poll.) - CS *very few seeds!*
2771 *P. oblongatum* (hand poll.) - JM
2772 *P. oblongatum* (hand poll.) - JPD
2773 *P. oblongatum* ex. Ratelport (hand poll.) - BK
2774 *P. ochroleucum* - KS
2775 *P. ochroleucum* (hand poll.) - JPD
2776 *P. ochroleucum* (open poll.) - BH
2777 *P. ochroleucum* (open poll.) - MW
2778 *P. ochroleucum* ex. N Uniondale, GER 455 (hand poll.) - MS
2779 *P. ochroleucum* ex. N Uniondale, GER 455 (hand poll.) - PB
2780 *P. odoratissimum* - TO

- 2781 *P. odoratissimum* (open poll.) - CSG
2782 *P. odoratissimum* (open poll.) - MF
2783 *P. odoratissimum* apple smell (open poll.) - CSG
2784 *P. odoratissimum* ex. Kouga (open poll.) - JPD
2785 *P. odoratissimum* ex. NE Hankey, GER 607 (hand poll.) - MS
2786 *P. oenothera* ex. Piketberg (hand poll.) - JM
2787 *P. ovale* (hand poll.) - CS
2788 *P. pachypodium* 'arthriticum' ex. E Nieuwoudtville, GER 418 (hand poll.) - MS
2789 *P. pallidoflavum* ex. Cederberge, GER 263 (hand poll.) - MS
2790 *P. pallidoflavum* ex. West Coast, GER 566 (hand poll.) - MS
2791 *P. papilionaceum* - KS
2792 *P. papilionaceum* - TOH
2793 *P. papilionaceum* (hand poll.) - CS *very few seeds!*
2794 *P. papilionaceum* (open poll.) - CSG
2795 *P. papilionaceum* (open poll.) - PB
2796 *P. parviflorum* ex. Kamieskroon (hand poll.) - CK
2797 *P. parviflorum* ex. N Nieuwoudtville, GER 403 (hand poll.) - MS
2798 *P. parviflorum* ex. S Alexander Bay, GER 248 (open poll.) - MS
2799 *P. parviflorum* ex. Silverhill Seed (hand poll.) - PB
2800 *P. parviflorum* N Matjiesfontein, GER 406 (hand poll.) - MS
2801 *P. parviflorum* ssp. *rotundipetalum* ex. E Khubus, GER 337 (hand poll.) - MS *very few seeds!*
2802 *P. parviflorum* ex. S Alexander Bay, GER 248 (hand poll.) - MS
2803 *P. parvipetalum* ex. Garies, GER 462 (hand poll.) - MS
2804 *P. parvipetalum* ex. IGG DXV (hand poll.) - PB
2805 *P. parvipetalum* ex. Kamiebees (hand poll.) - BK
2806 *P. parvipetalum* ex. Roiwaal (hand poll.) - BK
2807 *P. peltatum* - TOH
2808 *P. peltatum* (open poll.) - AC
2809 *P. petroselinifolium* (hand poll.) - BK
2810 *P. petroselinifolium* ex. Theronsberg, GER 271 (hand poll.) - MS
2811 *P. pilosellifolium* ex. Leliefontein, GER 518 (hand poll.) - MS *very few seeds!*
2812 *P. pinnatum* ex. Darling (hand poll.) - JM
2813 *P. pinnatum* ex. Swartland, GER 441 (hand poll.) - MS
2814 *P. polycephalum* (open poll.) - RDC
2815 *P. proliferum* ex. Bokkeveld escarpment, GER 528 (hand poll.) - MS *very few seeds!*
2816 *P. proliferum* ex. Villiersdorp, GER 571 (hand poll.) - MS
2817 *P. psammophilum* ex. S Cape Town, GER 163 (hand poll.) - MS
2818 *P. pulchellum* ex. Nababeep, GER 341 (hand poll.) - MS
2819 *P. quercentorum* ex. Hakkari, SE Turkey, GER 606 (field coll.) - MFI
2820 *P. quercifolium* - KS
2821 *P. quercifolium* Baviaanskloof, GER426 (hand poll.) - MS
2822 *P. quinquelobatum* (hand poll.) - NW
2823 *P. quinquelobatum* (open poll, isolated plants) - AA
2824 *P. quinquelobatum* (open poll.) - BH
2825 *P. quinquelobatum* (open poll.) - CH
2826 *P. quinquelobatum* (open poll.) - CSG
2827 *P. quiquelobatum* 'RM/HB 14068' ex. ADBLPS - CA
2828 *P. radens* - EH

- 2829 *P. radens* (hand poll.) - JPD
 2830 *P. radens* (open poll.) - RDC
 2831 *P. radens* ex. Grahamstown, GER 574 (open poll.) - MS
 2832 *P. radens* rough form ex. IGG 2019/2020 - (open poll.) - RV
 2833 *P. radiatum* - TOH
 2834 *P. radiatum* ex. SW Worcester, GER 436 (hand poll.) - MS
 2835 *P. radicatum* - TOH
 2836 *P. radicatum* ex. Brakputs (hand poll.) - BK
 2837 *P. radulifolium* - TOH
 2838 *P. radulifolium* ex. S Nieuwoudtville, GER 402 (hand poll.) - MS
 2839 *P. ranunculophyllum* (open poll.) - CSG
 2840 *P. ranunculophyllum* (open poll.) - PMB
 2841 *P. redactum* (open poll.) - JPD
 2842 *P. redactum* (open poll.) - PB
 2843 *P. reflexipetalum* ex. Cederberge, GER 416 (hand poll.) - MS
 2844 *P. reflexum* ex. Bokkeveld Escarpment, GER 256 (hand poll.) - MS
 2845 *P. ribifolium* - KS
 2846 *P. ribifolium* (open poll.) - RDC
 2847 *P. roseopetalum* ex. Bokkeveld escarpment, GER179 (hand poll.) - MS
 2848 *P. rotundipetalum* syn. *P. parviflorum* (hand poll.) - CS
 2849 *P. rubiginosum* ex. N Eksteenfontein, GER 335 (hand poll.) - MS
 2850 *P. salmonicum* - EH
 2851 *P. saxatile* ex. Wooley, GER 287 (hand poll.) - MS
 2852 *P. scabroide* (open poll.) - CB
 2853 *P. scabrum* ex. Cederberge, GER 586 (hand poll.) - MS
 2854 *P. scabrum* ex. Vanrhynsdorp - KS
 2855 *P. schizopetalum* (hand poll.) - JM
 2856 *P. schizopetalum* (open poll.) - GA *very few seeds!*
 2857 *P. schizopetalum* ex. N Knysna, GER 405 (hand poll.) - MS
 2858 *P. senecioides* (hand poll.) - JCR
 2859 *P. senecioides* ex. Clanwilliam (hand poll.) - JM
 2860 *P. sericifolium* (hand poll.) - BH
 2861 *P. sp. nov.* (sect. Ciconium) ex. S Eksteenfontein, GER 505 (hand poll.) - MS
 2862 *P. sp. nov.* (sect. Hoarea) ex. Koue Bokkeveld, GER 541 (hand poll.) - MS
 2863 *P. sp. nov.* (sect. Hoarea) ex. Rawsonville, GER 373 (hand poll.) - MS *very few seeds!*
 2864 *P. sp. nov.* (sect. Hoarea) ex. W Kamieskroon, GER 514 (hand poll.) - MS
 2865 *P. sp. nov.* (sect. Hoarea, white petals) ex. Bokkeveld escarpment, GER 262 (hand poll.) - MS
P. sp. nov. (sect. Hoarea, white petals) ex. Cederberge, GER 428 (hand poll.) - MS *very few seeds!*
 2866 *P. sp. nov.* (sect. Hoarea) ex. Robertson (hand poll.) - BK
 2867 *P. sp. nov.* (sect. Hoarea) ex. Robertson, GER 374 (hand poll.) - MS
 2868 *P. stipulaceum* (open poll.) - BHE
 2869 *P. stipulaceum* ssp. *ovatostipulatum* ex. N Matjiesfontein, GER 294 (hand poll.) - MS
 2870 *P. stipulaceum* ssp. *stipulaceum* ex. Calvinia, GER 525 (hand poll.) - MS
 2871 *P. tenellum* (open poll.) - GA *very few seeds!*
 2872 *P. tenellum* Swartland, GER 420 (hand poll.) - MS
 2873 *P. tenuicaule* (hand poll.) - PB
 2874 *P. tenuicaule* ex. S Eksteenfontein, GER 504 (hand poll.) - MS

- 2876 *P. ternatum* ex. IGG 2016 no 201 - PB
2877 *P. ternifolium* (hand poll.) - MS
2878 *P. tetragonum* ex. E McGregor, GER 498 (hand poll.) - MS *very few seeds!*
2879 *P. tomentosum* - KS
2880 *P. tomentosum* (open poll, isolated plants) - AA
2881 *P. tongaense* (hand poll.) - CS *very few seeds!*
2882 *P. tongaense* (open poll.) - BH
2883 *P. tongaense* (open poll.) - CB
2884 *P. tongaense* (open poll.) - CH
2885 *P. torulosum* ex. Sutherland, GER 354 (hand poll.) - MS
2886 *P. tricolor* - KS
2887 *P. tricolor* (hand poll.) - CS *very few seeds!*
2888 *P. trifidum* (open poll.) - CSG
2889 *P. trifidum* ex. Swartberg - TO
2890 *P. trifoliolatum* (hand poll.) - CS
2891 *P. trifoliolatum* (open poll.) - GA *very few seeds!*
2892 *P. trifoliolatum* ex. IGG - TOH
2893 *P. trifoliolatum* ex. Matroosberg, GER 269 (hand poll.) - MS
2894 *P. tripalmatum* ex. S Eksteenfontein, GER 506 (hand poll.) - MS
2895 *P. triphyllum* ex. Prince Alfred Hamlet , GER 379 (hand poll.) - BK
2896 *P. triphyllum* ex. Prince Alfred Hamlet, GER 379 (hand poll.) - MS
2897 *P. triphyllum* ex. S Nieuwoudtville, GER 464 (hand poll.) - MS
2898 *P. triste* (open poll.) - TG
2899 *P. triste* brown flowers (open poll.) - MF
2900 *P. triste* ex. Cape Town, GER 311 (hand poll.) - MS
2901 *P. triste* ex. S Cederberge, GER 280 (hand poll.) - MS
2902 *P. triste* yellow flowers (open poll.) - MW
2903 *P. urbanum* syn. *P. suburbanum* (open poll.) - CH
2904 *P. vinaceum* ex. NE Concordia (hand poll.) - BK
2905 *P. vinaceum* ex. NE Steinkopf, GER 513 (hand poll.) - MS
2906 *P. violareum* syn. *P. tricolor* (open poll.) - SP
2907 *P. violiflorum* - TOH
2908 *P. violiflorum* (open poll.) - BH
2909 *P. violiflorum* (open poll.) - TG
2910 *P. violiflorum* ex Specks Exotica (hand poll.) - BK
2911 *P. violiflorum* ex. McGregor, GER 496 (hand poll.) - MS
2912 *P. violiflorumex.* McGregor, GER 496 (hand poll.) - JM
2913 *P. vitifolium* - KS
2914 *P. worcesterae* (hand poll.) - BK
2915 *P. worcesterae* ex. W Graaf Reinet, GER 86 (open poll.) - MS
2916 *P. wuppertalense* ex. Cederberge (hand poll.) - JM
2917 *P. xanthopetalum* ex. Caledon, GER 534 (hand poll.) - MS
2918 *P. xerophyton* (hand poll.) - CK
2919 *P. xerophyton* (open poll.) - JPD
2920 *P. xerophyton* (open poll.) - MF
2921 *P. xerophyton* ex. Namies, GER 327 (hand poll.) - MS
2922 *P. zonale* (open poll.) - RDC
2923 *P. zonale* ex. Montagu (hand poll.) - JPD

- 2924 *P. zonale* ex. Seweweeksport, GER 299 (open poll.) - MS
 2925 *P. zonale* pink flowers (open poll.) - AC
 2926 *S. camdeboense* ex. Beaufort West, GER 325 (hand poll.) - MS
 2927 *S. flavescens* (open poll.) - BH *very few seeds!*
 2928 *S. flavescens* ex. Rosh Pinah, GER 492 (hand poll.) - MS
 2929 *S. inerme* ex. Rosh Pinah, GER 489 (hand poll.) - MS
 2930 *S. multifidum* (open poll.) - BH
 2931 *S. multifidum* ex. Rosh Pinah, GER 495 (hand poll.) - MS
 2932 *S. patersonii* ex. E Alexander Bay, GER 313 (hand poll.) - MS
 2933 *S. peniculinum* ex. Rosh Pinah, GER 494 (hand poll.) - MS
 2934 *S. vanderietiae* (hand poll.) - CS

SEED REMAINING FROM IGG SEED LIST 2020

- 1874 *E. ciconium* (open poll.) - BC
 1876 *E. crinitum* ex. IGG 2003:247 SP (open poll.) - BC
 1879 *E. manescavi* (open poll.) - EH
 1880 *E. maritimum* (open poll.) - BC
 1882 *E. tordylioides* ex. IGG 2003:269 RC (open poll.) - BC
 1883 *E. trifolium* (open poll.) - PB
 1884 *G. caffrum* 'White' ex. Silverhill Seeds (open poll.) - PB
 1885 *G. erianthum* 'Blue' (open poll.) - MVV
 1887 *G. ibericum* 'White Zigana' (open poll.) - MVV
 1888 *G. incanum* ex. Silverhill seeds (open poll.) - PB
 1889 *G. lucidum* (open poll.) - BC
 1890 *G. petri-davisii* (open poll.) - MH
 1891 *G. pratense* 'Catforth Cadenza' (open poll.) - MVV
 1892 *G. pratense* 'Lolkes Geel' (open poll.) - MVV
 1893 *G. pratense* 'Midnight Clouds' (open poll.) - MVV
 1894 *G. pratense* 'Milou' (open poll.) - MVV
 1895 *G. pratense* 'Moonlight' (open poll.) - MVV
 1896 *G. pratense* ssp. *stewartianum* 'Elizabeth Yeo' (open poll.) - MVV
 1897 *G. pratense* 'Striatum' (open poll.) - MVV
 1898 *G. psilostemon* (open poll.) - MVV
 1899 *G. pyrenaicum* (field coll.) - ST
 1900 *G. sylvaticum* ex. Suebian Alps (field coll.) - CW
 1905 *P. abrotanifolium* (open poll.) - CC
 1906 *P. abrotanifolium* (open poll.) - KS
 1907 *P. abrotanifolium* ex. Fibrex - DVX
 1909 *P. aciculatum* ex. Piketberg, Ger 282 (hand poll.) - MS
 1910 *P. aciculatum* ex. Robin Parer (hand poll.) - BH
 1911 *P. aciculatum* ex. Swartland, Ger 427 (hand poll.) - MS
 1913 *P. adrianii* ex. Port Nolloth - Alexander Bay - DXV
 1915 *P. aff. aristatum* ex. E Nieuwoudtville, Ger 421 (hand poll.) - MS
 1916 *P. aff. aristatum/luteopetalum* ex. E Nieuwoudtville Ger 447 (hand poll.) - MS
 1917 *P. aff. bubonifolium* ex. Liefontein, Ger 519 (hand poll.) - MS

- 1918 *P. aff. crithmifolium* ex. Kamieskroon - DXV
 1919 *P. aff. fissifolium* ex. Worcester, Ger 370 (hand poll.) - MS
 1920 *P. aff. parviflorum* ssp. *rotundipetalum* - DXV
 1922 *P. aff. radulifolium* MST635 - DXV
 1923 *P. album* (open poll.) - CJ
 1924 *P. album* ex. STEU3086 (hand poll.) - JPD
 1925 *P. alchemilloides* - JWV
 1927 *P. alchemilloides* (open poll.) - GA
 1928 *P. alchemilloides* (open poll.) - PC
 1929 *P. alchemilloides* (open poll.) - RDC
 1930 *P. alchemilloides* ex. Caledon, Ger 476 (hand poll.) - MS
 1935 *P. alternans* ex. Graafwater, Ger 408 (hand poll.) - MS
 1936 *P. alternans* ex. N Matjiesfontein, Ger 295 (hand poll.) - MS
 1937 *P. alternans* ex. S Laingsburg, Ger 297 (hand poll.) - MS
 1938 *P. alternans* ssp. *alternans* - DXV
 1939 *P. alternans* ssp. *longicalcar* ex. Rooinek Pass - DXV
 1940 *P. alternans* ssp. *parviinflorescens* AI4479 - DXV
 1942 *P. althaeoides* ex. Tulbagh (open poll.) - JPD
 1944 *P. altheoides* ex. IGG 2019/2020:1492 (open poll.) - JM
 1946 *P. appendiculatum* - DXV
 1947 *P. appendiculatum* (hand poll.) - CS
 1949 *P. appendiculatum* (hand poll.) - RDC
 1950 *P. appendiculatum* (open poll.) - BH
 1951 *P. appendiculatum* (open poll.) - TP
 1952 *P. aridicola* ex. Concordia, Ger 330 (hand poll.) - MS
 1953 *P. aridum* (open poll.) - BHE
 1954 *P. aridum* (open poll.) - BK
 1956 *P. aridum* (open poll.) - JPD
 1957 *P. aridum* (open poll.) - KS
 1958 *P. aridum* (open poll.) - RDC
 1959 *P. aridum* (open poll.) - TO
 1961 *P. aridum* ex. Graff Reinet, Ger 556 (hand poll.) - MS
 1962 *P. articulatum* ex. Kamiesberg - DXV
 1965 *P. auritum* dark flowers - RV
 1967 *P. auritum* var. *auritum* (hand poll.) - PL
 1969 *P. auritum* var. *auritum* ex. E Montagu, Ger 567 (hand poll.) - MS
 1970 *P. auritum* var. *auritum* ex. Prince Alfred Hamlet, Ger 380 (hand poll.) - MS
 1971 *P. auritum* var. *auritum* ex. SABG - ML
 1972 *P. auritum* var. *carneum* (hand poll.) - BH
 1973 *P. auritum* var. *carneum* ex. Port Elizabeth, Ger 503 (hand poll.) - MS
 1974 *P. auritum* var. *carneum* ex. Silverhill Seeds - DXV
 1975 *P. australe* (open poll.) - BHE
 1976 *P. australe* (open poll.) - KS
 1977 *P. australe* 'Inland' (open poll.) - MF
 1978 *P. australe* 'Inland' (open poll.) - ST
 1979 *P. australe* 'Inland' (open poll.) - TO
 1981 *P. australe* ssp. *drumonndi* (open poll.) - VO
 1982 *P. australe* 'Tasmanien' (open poll.) - CC

- 1983 *P. australe* white flowers (open poll.) - CEO
1984 *P. barklyi* - KA
1988 *P. barklyi* (open poll.) - KS
1991 *P. barklyi* ex. IGG 2016 (open poll.) - CJ
1992 *P. barklyi* ex. SABG - ML
1993 *P. betulinum* (open poll.) - CEO
1999 *P. buysii* - DXV
2000 *P. buysii* (open poll.) - TO
2001 *P. buysii* ex. IGG 2019:1170 - ML
2003 *P. campestre* (hand poll.) - PL
2004 *P. campestre* (open poll.) - KS
2005 *P. campestre* ex. Port Elizabeth, Ger 502 (hand poll.) - MS
2006 *P. campestre* ex. Specks (hand poll.) - BK
2007 *P. candicans* (open poll.) - BHE
2008 *P. candicans* (open poll.) - CC
2009 *P. candicans* (open poll.) - KS
2012 *P. candicans* purple markings on the leaves (open poll.) - PB
2013 *P. capitatum* (open poll.) - CC
2014 *P. capitatum* (open poll.) - CEO
2018 *P. carnosum* ssp. *carnosum* ex. Pakhuis Pass - DXV
2020 *P. carnosum* ssp. *carnosum* ex. Springbok - DXV
2022 *P. carnosum* ssp. *carnosum* ex. Vanrhynsdorp - DXV
2023 *P. carnosum* ssp. *carnosum* MV2116 - DXV
2026 *P. carnosum* ssp. *ferulaceum* ex. Elandskloof Witteberge - DXV
2027 *P. carnosum* ssp. *ferulaceum* ex. Knersvlakte DXV
2028 *P. carnosum* ssp. *ferulaceum* ex. Worcester - DXV
2029 *P. carnosum* ssp. *ferulaceum* ex. Worcester, Ger 466 - MS
2031 *P. ceratophyllum* (open poll.) - CJ
2033 *P. ceratophyllum* ex. S Lüderitz, Ger 485 (open poll.) - MS
2036 *P. chamaedrifolium* (open poll.) - TO
2037 *P. chamaedrifolium* ex. IGG 2019/2020:1551 (open poll.) - JM
2038 *P. columbinum* ex. IGG 2019/2020:1554 (open poll.) - JM
2039 *P. cordifolium* 'rubrocinctum' (open poll.) - TP
2040 *P. coronopifolium* ex. Bokkefeld Escarpment, Ger 527 (hand poll.) - MS
2043 *P. crispum* (open poll.) - KS
2045 *P. crithmifolium* (open poll.) - MF
2046 *P. crithmifolium* ex. MV2435, labelled *P. paniculatum* (open poll.) - BH
2047 *P. crithmifolium* ex. N Concordia, Ger 328 (open poll.) - MS
2054 *P. cucullatum* ssp. *strigifolium* ex. W Grabouw, Ger 551 (open poll.) - MS
2055 *P. cucullatum* ssp. *tabulare* (open poll.) - PC
2056 *P. cucullatum* ssp. *tabulare* (open poll.) - KS
2059 *P. curviandrum* ex. Oudtshoorn, Ger 390 (hand poll.) - MS
2060 *P. curviandrum* ex. SABG - ML
2062 *P. dasypHYLLUM* STEU2852 - DXV
2063 *P. denticulatum* (open poll.) - CJ
2064 *P. denticulatum* (open poll.) - KS
2065 *P. denticulatum* (open poll.) - VO
2067 *P. dolomiticum* (open poll.) - KS

- 2068 *P. dolomiticum* ex. Preez 1996 (hand poll.) - JPD
2069 *P. dolomiticum* ex. Seeds for Africa (open poll.) - CJ
2070 *P. dolomiticum* ex. Seeds for Africa (open poll.) - PB
2071 *P. echinatum* (open poll.) - KS
2073 *P. elongatum* - HFW
2074 *P. elongatum* (open poll.) - CEO
2075 *P. elongatum* (open poll.) - EH
2076 *P. elongatum* (open poll.) - KS
2077 *P. elongatum* (open poll.) - ST
2078 *P. elongatum* (open poll.) - TP
2079 *P. elongatum* - JWV
2445 *P. elongatum* (open poll.) - PC
2082 *P. endlicherianum* (open poll.) - MH
2083 *P. endlicherianum* ex. Ala Dad - DXV
2085 *P. englerianum* ex. Silverhill Seeds (open poll.) - PB
2086 *P. exhibens* (hand poll.) - JPD
2087 *P. exhibens* (open poll.) - BH
2088 *P. exhibens* (open poll.) - KS
2090 *P. exhibens* ex. IGG 2019/2020:1600 (open poll.) - TP
2091 *P. exhibens* ex. W Graaf Reinet, Ger 389 (hand poll.) - MS
2094 *P. fergusoniae* (hand poll.) - JM
2096 *P. fergusoniae* ex. McGregor, Ger 497 (hand poll.) - MS
2097 *P. fischeri* (open poll.) - KS
2100 *P. fruticosum* ex. Swartberg Pass (hand poll.) - JM
2101 *P. fulgidum* (hand poll.) - CS
2102 *P. fulgidum* (hand poll.) - RDC
2103 *P. fulgidum* (open poll.) - BHE
2104 *P. fulgidum* (open poll.) - CC
2105 *P. fulgidum* (open poll.) - CJ
2107 *P. fulgidum* ex. West Coast, Ger 276 (hand poll.) - MS
2111 *P. githagineum* ex. Sutherland, Ger 592 (hand poll.) - MS
2114 *P. glutinosum* x *viscosissimum* (open poll.) - EH
2116 *P. gracillimum* ex. Klipplaat, Ger 501 (hand poll.) - MS
2117 *P. gracillimum* ex. Seweweeksport, Ger 298 (hand poll.) - MS
2118 *P. grandiflorum* (open poll.) - KS
2119 *P. grandiflorum* flowers purplish veined (open poll.) - TP
2120 *P. graveolens* (open poll.) - PB
2121 *P. grenvilleae* ex. 6 km S Rooifontein (hand poll.) - BK
2122 *P. grenvilleae* ex. N Springbok (hand poll.) - BK
2123 *P. grenvilleae* ex. S Springbok (hand poll.) - BK
2124 *P. grenvilleae* ex. Leliefontein, Ger 467 (hand poll.) - MS
2125 *P. greytonense* (open poll.) - KS
2126 *P. greytonense* x *hermanniifolium* ex. Stegmeier (open poll.) - KS
2128 *P. grossularoides* - DXV
2130 *P. grossularoides* (open poll.) - CJ
2131 *P. grossularoides* (open poll.) - JPD
2132 *P. grossularoides* (open poll.) - KS
2136 *P. hirtipetalum* ex. Kamiesberge, Ger 517 (hand poll.) - MS

- 2138 *P. hirtum* (open poll.) - JPD
2140 *P. hirtum* (open poll.) - SC
2141 *P. hirtum* ex. Darling (hand poll.) - JM
2142 *P. hirtum* ex. Darling, Ger 322 (hand poll.) - MS
2143 *P. hispidum* (hand poll.) - PC
2145 *P. hystrix* (hand poll.) - PL
2146 *P. hystrix* ex. N Matjiesfontein, Ger 404 (hand poll.) - MS
2148 *P. incrassatum* (hand poll.) - PC
2150 *P. incrassatum* ex. Kamiesberge, Ger 344 (hand poll.) - MS
2151 *P. incrassatum* ex. Richtersveld (hand poll.) - BK
2153 *P. incrassatum* pink flowers - RV
2154 *P. incrassatum* pink flowers ex. IGG 2019/2020:1650 (open poll.) - CJ
2155 *P. inquinans* pink flowers, Ger 531 (open poll.) - MS
2156 *P. iocastum* (open poll.) - CJ
2157 *P. iocastum* (open poll.) - CW
2158 *P. iocastum* (open poll.) - JPD
2159 *P. iocastum* (open poll.) - TO
2160 *P. iocastum* ex. IGG 2018/2019:1261 (open poll.) - TP
2161 *P. ionidiflorum* - DXV
2162 *P. ionidiflorum* ex. Cradock, Ger 550 (hand poll.) - MS
2166 *P. laevigatum* (open poll.) - PB
2168 *P. laevigatum* ssp. *oxyphyllum* (open poll.) - KS
2170 *P. laxum* - KA
2171 *P. laxum* (hand poll.) - JB
2172 *P. laxum* (open poll.) - CJ
2173 *P. laxum* (open poll.) - SC
2174 *P. laxum* ex. GG 14 281 - DXV
2175 *P. laxum* ex. Little Karoo IGG 2017 DXV (open poll.) - CJ
2176 *P. laxum* ex. Stegmeier (hand poll.) - BK
2177 *P. laxum* ssp. *karooicum* - DXV
2178 *P. laxum* ssp. *karooicum* (open poll.) - BHE
2181 *P. laxum* ssp. *laxum* - DXV
2182 *P. laxum* ssp. *laxum* (open poll.) - RDC
2183 *P. laxum* ssp. *laxum* ex. Anysberg Reserve MST - DXV
2184 *P. laxum* ssp. *laxum* ex. N Cradock - DXV
2185 *P. laxum* ssp. *laxum* ex. W Cradock, Ger 397 (hand poll.) - MS
2186 *P. leipoldtii* ex. N Nieuwoudtville, Ger 446 (hand poll.) - MS
2192 *P. longifolium* (hand poll.) - JB
2193 *P. longifolium* ex. Rawsonville, Ger 376 (hand poll.) - MS
2194 *P. longifolium* ex. SE Worcester, Ger 469 (hand poll.) - MS
2198 *P. luteopetalum* ex. Ouberg Pass, Ger 359 (hand poll.) - MS
2199 *P. luteum* ex. N Nieuwoudtville, Ger 423 (hand poll.) - MS
2200 *P. madagascariense* (open poll.) - RDC
2201 *P. madagascariense* (open poll.) - TO
2202 *P. madagascariense* ex. IGG 2019/2020:1689 (open poll.) - BC
2205 *P. minimum* (open poll.) - JM
2207 *P. mirabile* syn. *P. crassicaule* ex. Exotica (open poll.) - MF
2208 *P. mollicomum* (open poll.) - BHE

- 2209 *P. mollicomum* (open poll.) - KS
2210 *P. mollicomum* (open poll.) - MF
2211 *P. mollicomum* (open poll.) - VO
2212 *P. mollicomum* ex. Preez 1996 (hand poll.) - JPD
2213 *P. moniliforme* ex. Gannaberg Pass, Ger 361 (hand poll.) - MS
2214 *P. moniliforme* ex. Kamieskroon, Ger 348 (hand poll.) - MS
2215 *P. moniliforme* ex. Leliefontein, Ger 349 (hand poll.) - MS
2216 *P. moniliforme* ex. N Nieuwoudtville, Ger 351 (hand poll.) - MS
2217 *P. moniliforme* ex. Skimmelberg (hand poll.) - BK
2219 *P. multicaule* ssp. *herbaceum* ex. IGG 2015 (open poll.) - CJ
2220 *P. multicaule* ssp. *multicaule* (hand poll.) - RDC
2221 *P. multicaule* ssp. *multicaule* (isolated poll.) - CW
2222 *P. multiradiatum* ex. STEU 3191 (hand poll.) - JPD
2223 *P. multiradiatum* ex. West Coast, Ger 557 (hand poll.) - MS
2224 *P. mutans* (open poll.) - CC
2225 *P. myrrifolium* - JWV
2226 *P. myrrifolium* ssp. *coriandrifolium* (hand poll.) - GA
2227 *P. myrrifolium* ssp. *coriandrifolium* (open poll.) - CC
2228 *P. myrrifolium* ssp. *coriandrifolium* (open poll.) - SC
2229 *P. myrrifolium* ssp. *coriandrifolium* ex. Muenster BG - DXV
2230 *P. myrrifolium* ssp. *myrrifolium* (hand poll.) - CS
2231 *P. nanum* (open poll.) - GA
2233 *P. nanum* ex. Silverhill Seeds - DXV
2236 *P. nervifolium* ex. Loriesfontein, Ger 422 (hand poll.) - MS
2237 *P. nervifolium* ex. N Matjiesfontein, Ger 449 (hand poll.) - MS
2240 *P. oblongatum* (hand poll.) - PC
2241 *P. oblongatum* (hand poll.) - PL
2242 *P. oblongatum* (open poll.) - SC
2244 *P. oblongatum* ex. W Steinkopf, Ger 249 (hand poll.) - MS
2245 *P. oblongatum* x (*oblongatum* x *fulgidum*) - DXV
2247 *P. ochroleucum* (hand poll.) - PL
2249 *P. ochroleucum* ex. DV and VM IGG (hand poll.) - BH
2250 *P. ochroleucum* ex. N Uniondale, Ger 455 (hand poll.) - MS
2251 *P. ochroleucum* ex. Specks (hand poll.) - BK
2252 *P. odoratissimum* (open poll.) - CJ
2253 *P. odoratissimum* (open poll.) - KS
2254 *P. odoratissimum* (open poll.) - PC
2255 *P. odoratissimum* ex. Baviaanskloof (open poll.) - VO
2257 *P. odoratissimum* ex. Kouga (open poll.) - JPD
2258 *P. odoratissimum* (open poll.) - MF
2259 *P. oenothera* (hand poll.) - CS
2260 *P. oenothera* (isolated poll.) - CW
2266 *P. pachypodium* ex. E Nieuwoudtville, Ger 417 (hand poll.) - MS
2267 *P. pachypodium* 'vassari' ex. Loriesfontein, Ger 583 (hand poll.) - MS
2268 *P. pallidoflavum* ex. Cederberge, Ger 263 (hand poll.) - MS
2269 *P. papilionaceum* (open poll.) - CJ
2271 *P. parviflorum* ex. Eksteenfontein, Ger 401 (hand poll.) - MS
2272 *P. parviflorum* ex. Alexander Bay - DXV

- 2273 *P. parviflorum* ex. Kamieskroon - DXV
 2274 *P. parviflorum* ex. N Nieuwoudtville, Ger 403 (hand poll.) - MS
 2275 *P. parviflorum* ex. S Alexander Bay, Ger 248 (hand poll.) - MS
 2276 *P. parviflorum* MV 6822 (hand poll.) - PL
 2277 *P. parviflorum* MV6822 - DXV
 2278 *P. parviflorum* ssp. *parviflorum* ex. Klipplaat, Ger 554 (hand poll.) - MS
 2279 *P. parviflorum* ssp. *parviflorum* ex. W Garies, Ger 240 (hand poll.) - MS
 2280 *P. parviflorum* ssp. *rotundipetalum* - DXV
 2281 *P. parviflorum* ssp. *rotundipetalum* ex. E Khubus, Ger 337 (hand poll.) - MS
 2282 *P. parviflorum* ssp. *tuberculatum* ex. Aus, Namibia, Ger 480 (hand poll.) - MS
 2283 *P. parvipetalum* (hand poll.) - MF
 2284 *P. parvipetalum* (hand poll.) - PH
 2285 *P. parvipetalum* ex. Garies, Ger 462 (hand poll.) - MS
 2286 *P. parvipetalum* ex. Kamiebees (hand poll.) - BK
 2287 *P. parvipetalum* ex. Rooiwal (hand poll.) - BK
 2288 *P. patulum* - JWV
 2289 *P. patulum* (hand poll.) - CS
 2290 *P. peltatum* (open poll.) - JPD
 2292 *P. peltatum* ex. IGG 2019/2020:1661 - RV
 2293 *P. petroselinifolium* ex. Theronsberg, Ger 271 (hand poll.) - MS
 2297 *P. pilosellifolium* ex. Swellendam (hand poll.) - JM
 2298 *P. pinnatum* ex. Cederberge, Ger 264 (hand poll.) - MS
 2299 *P. pinnatum* ex. Swartland, Ger 441 (hand poll.) - MS
 2300 *P. polyccephalum* ex. Richtersveld - DXV
 2305 *P. pseudoglutinosum* (hand poll.) - JPD
 2306 *P. pseudoglutinosum* (open poll.) - CJ
 2310 *P. pulverulentum* ex. RBG Edinburgh (open poll.) - PB
 2311 *P. punctatum* (hand poll.) - PL
 2313 *P. punctatum* ex. Nieuwoudtville, Ger 259 (hand poll.) - MS
 2315 *P. quercifolium* (open poll.) - RDC
 2316 *P. quercifolium* ex. Baviaanskloof, Ger 426 (hand poll.) - MS
 2317 *P. quercifolium* ex. Oudtshoorn IGG 2016 (open poll.) - CJ
 2319 *P. quinquelobatum* (open poll.) - JPD
 2320 *P. quinquelobatum* (open poll.) - SC
 2321 *P. quinquelobatum* 'Blue flowers' (open poll.) - MF
 2322 *P. quinquelobatum* ex. Eritrea - RV
 2323 *P. radens* (hand poll.) - JPD
 2324 *P. radens* (open poll.) - EH
 2325 *P. radiatum* ex. McGregor, Ger 432 (hand poll.) - MS
 2326 *P. radiatum* ex. Rawsonville, Ger 377 (hand poll.) - MS
 2327 *P. radiatum* ex. SW Worcester, Ger 436 (hand poll.) - MS
 2328 *P. radicum* ex. S Nieuwoudtville, Ger 463 (hand poll.) - MS
 2329 *P. radulifolium* (isolated poll.) - CW
 2330 *P. radulifolium* (open poll.) - MF
 2331 *P. ranunculophyllum* - JWV
 2332 *P. ranunculophyllum* (open poll.) - CJ
 2333 *P. ranunculophyllum* ex. Seeds for Africa (open poll.) - CJ
 2334 *P. rapaceum* (open poll.) - JPD

- 2335 *P. rapaceum* ex. Silverhill Seeds - DXV
2336 *P. rapaceum* ex. W Uniondale, Ger 398 (hand poll.) - MS
2338 *P. redactum* (hand poll.) - GA
2339 *P. redactum* (open poll.) - JM
2340 *P. redactum* (open poll.) - JPD
2341 *P. redactum* ex. IGG 2016:351 (open poll.) - PB
2342 *P. reflexipetalum* ex. Cederberge (hand poll.) - BK
2343 *P. reflexipetalum* ex. Cederberge, Ger 416 (hand poll.) - MS
2446 *P. reflexum* ex. Bokkeveld escarpment (hand poll.) - MS
2344 *P. reniforme* (open poll.) - KS
2346 *P. ribifolium* (open poll.) - RDC
2347 *P. ribifolium* ex. IGG 2018/2019:1358, red markings on posterior petals (open poll.) - TP
2348 *P. rubiginosum* (hand poll.) - PH
2350 *P. saxatile* ex. Wolesley, Ger 287 (hand poll.) - MS
2351 *P. scabrum* (open poll.) - KS
2352 *P. scabrum* ex. IGG 2018/2019 1362 (open poll.) - TP
2353 *P. schizopetalum* (hand poll.) - GA
2356 *P. senecioides* (open poll.) - CW
2357 *P. senecioides* ex. Clanwilliam (open poll.) - JM
2360 *P. sidoides* MST212 ex. W Cradock - DXV
2361 *P. sp.* ex. Silverhill Seeds, possibly *P. auritum* v. *auritum* (hand poll.) - BH
2362 *P. sp. nov.* (sect. Hoarea) ex. Bokkeveld Escarpment, Ger 179 (hand poll.) - MS
2363 *P. sp. nov.* (sect. Hoarea) ex. Koue Bokkeveld, Ger 541 (hand poll.) - MS
2364 *P. sp. nov.* (sect. Hoarea) ex. Robertson, Ger 374 (hand poll.) - MS
2365 *P. sp.* white flowers ex. Silverhill Seeds - CJ
2368 *P. stipulaceum* (open poll.) - MF
2369 *P. stipulaceum* ssp. *ovatostipulatum* ex. N Matjiesfontein, Ger 294 (hand poll.) - MS
2370 *P. suburbanum* ssp. *suburbanum* (open poll.) - VO
2371 *P. tabulare* ex. Piketberg (hand poll.) - JM
2372 *P. tenellum* ex. Swartland, Ger 420 (hand poll.) - MS
2373 *P. ternatum* (hand poll.) - CS
2374 *P. ternatum* (open poll.) - KS
2375 *P. ternifolium* ex. Du Toitskloof (hand poll.) - BK
2376 *P. ternifolium* ex. Du Toitskloof, Ger 274 (hand poll.) - MS
2377 *P. ternifolium* ex. Paarl, Ger 307 (hand poll.) - MS
2378 *P. tetragonum* - DXV
2379 *P. tetragonum* (hand poll.) - RDC
2381 *P. tomentosum* (open poll.) - KS
2383 *P. tongaense* (hand poll.) - RDC
2384 *P. tongaense* (open poll.) - BH
2387 *P. triandrum* (hand poll.) - BH
2388 *P. triandrum* ex. S Clanwilliam, Ger 433 (hand poll.) - MS
2389 *P. triandrum* MV6376 - DXV
2391 *P. trifidum* ex. Meiringspoort De Rust - DXV
2393 *P. trifoliolatum* ex. Matroosberg, Ger 269 (hand poll.) - MS
2394 *P. trifoliolatum* ex. W Grabouw, Ger 569 (hand poll.) - MS
2396 *P. triphyllum* (open poll.) - CW
2398 *P. triphyllum* ex. S Nieuwoudtville, Ger 464 (hand poll.) - MS

- 2406 *P. vassarii* syn. *P. pachypodium* - DXV
2407 *P. whytei* ex. IGG 2016:436 (open poll.) - PB
2408 *P. whytei* ex. Mt Elgon/Mt Logonot, Ger 588 (hand poll.) - MS
2409 *P. vinaceum* (hand poll.) - JM
2410 *P. vinaceum* (hand poll.) - PL
2411 *P. vinaceum* ex. Exotica - DXV
2412 *P. vinaceum* ex. N Springbok (hand poll.) - BK
2414 *P. violiflorum* (open poll.) - BH
2416 *P. vitifolium* (open poll.) - CEO
2417 *P. vitifolium* (open poll.) - KS
2418 *P. vitifolium* (open poll.) - PC
2419 *P. vitifolium* ex. IGG 2018/2019:1393 (open poll.) - TP
2420 *P. vitifolium* variegated leaves ex. IGG 2016 (open poll.) - CJ
2421 *P. worcesterae* (hand poll.) - BK
2422 *P. worcesterae* (open poll.) - EH
2423 *P. worcesterae* (open poll.) - KS
2424 *P. worcesterae* ex. Flora (open poll.) - CJ
2425 *P. worcesterae* reniform leaves (open poll.) - BH
2426 *P. wuppertalense* ex. Cederberge (hand poll.) - JM
2427 *P. wuppertalense* ex. Cederberge, Ger 429 (hand poll.) - MS
2430 *P. xerophyton* ex. Poffadder - DXV
2431 *P. zonale* (hand poll.) - RDC
2432 *P. zonale* (open poll.) - KS
2433 *P. zonale* (open poll.) - TO
2434 *P. zonale* ex. Montagu (hand poll.) - JPD
2436 *P. zonale* ex. Oudtshoorn (hand poll.) - JM
2437 *P. zonale* 'mixed' (open poll.) - ST
2438 *P. zonale* pink flowers (open poll.) - CEO
2439 *P. zonale* pink flowers (open poll.) - VO

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CA	Christophe Auzou	MS	Matija Strlic
CB	Christophe Bligny	MT	Matthieu Thomas
CC	Carin Creutz	MW	Maciej Waclawski
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