

Rust fungi (Pucciniales) of southern Africa

Supplement 1

Checklist of rust fungi (Pucciniales, Basidiomycota) recorded as occurring in southern Africa, including South Africa, Angola, Botswana, eSwatini (formerly Swaziland), Lesotho, Mozambique, Namibia and Zimbabwe.

The entries are presented in the order: rust species and authority, (synonyms published after Doidge (1950), refer to this publication for older synonyms), family of host plant(s), genus/genera of host plant(s), references, distribution and spore stages recorded.

Abbreviations indicating distribution are: A = Angola, B = Botswana, SZ = Eswatini (formerly Swaziland), L = Lesotho, M = Mozambique, N = Namibia, SA = South Africa, and Z = Zimbabwe. The type of pustule (spore) morphology is indicated with the notation of O, I, II, III and X for spermogonia, aecia (aeciospores), uredinia (urediniospores), telia (teliospores) and mesospores (this last in *Puccinia* only), respectively. In a few cases where uredinia associated with spermogonia differ morphologically to those not associated, this is denoted by I^{II}, II^{II}. Endocyclic species are denoted with I^{III}. Autoecious species are indicated with all known spore types within one set of parentheses e.g. (O, I, II, III), and heteroecious species are indicated by using two sets of parentheses e.g., (O, I) (II, III). For heteroecious species, the name of the aecial stage (gametothallus) is given in brackets as well as an entry similar to the above, after the end of the entry on the telial stage (sporothallus). Additional notes are given in green, after the species entry. Rust species considered not indigenous (alien) to southern Africa are indicated by ‘*’ at the beginning of the entry and the name in purple.

MIKRONEGERIINEAE

Zaghouaniaceae

1. *Elateraecium natalense* Gjørsum & D.A.Reid, Celastraceae, *Salacia*, Gjørsum & Reid (1983) p. 653, SA, (O, I)
2. *Elateraecium celastrineae* (Cooke & Masee) A.R.Wood (= *Uredo celastrineae* Cooke & Masee), Celastraceae, *Salacia*, Doidge (1950) p. 466, **this publication**, SA, (O, I)
- *Hemileia ancylanthi* see *Hemileia africana*
3. *Hemileia africana* (Lagerh.) Judith & Rossman (= *Uredo africana* Lagerh., = *Hemileia ancylanthi* (Henn.) Syd. & P.Syd.), Rubiaceae, *Ancylanthos*, Lagerheim (1889), Doidge (1950) p. 397, Ritschel (2005) p. 70, A, (II) **known only from urediniospores**
- *Hemileia canthii* see *Hemileia detergibilis*
4. *Hemileia chlorocodonis* Syd. & P.Syd., Apocynaceae, *Mondia*, McTaggart et al. (2017), SA, (II, III)

5. *Hemileia detergibilis* (Thüm.) Ritschel (as *Hemileia detergibile*) (= *Hemileia canthii* Berk. & Broome), Rubiaceae, *Afrocanthium*, *Canthium*, *Plectronia*, *Psydrax*, Doidge (1950) p. 397, Ritschel (2005) p. 26, Thirumalachar & Narasimhan (1947), Van Reenen (1995) p. 179, A, SA, (II, III)
 6. *Hemileia ectadiopsidis* (Cooke) A.R.Wood & Aime (= *Uredo ectadiopsidis* Cooke), Apocynaceae, *Cryptolepis*, Doidge (1950) p. 467, Wood & Aime (2024) p. 511, SA, (II) known only from urediniospores
 7. *Hemileia evansii* Syd. & P.Syd. (= *Uredo evansii* (Syd. & P.Syd.) Ritschel), Rubiaceae, *Tricalysia*, Doidge (1950) p. 398, Ritschel (2005) p. 78, Van Reenen (1995) p. 179, SA, SZ, (II) known only from urediniospores
 8. *Hemileia fadogiae* Syd. & P.Syd. (= *Uredo fadogiae* Henn.), Rubiaceae, *Fadogia*, *Pygmaeothamnus*, Doidge (1950) p. 398, Masuka et al. (1998), Ritschel (2005) p. 80, Van Reenen (1995) p. 179, SA, SZ, Z, (II) known only from urediniospores
 9. *Hemileia gardeniae-thunbergiae* (Henn.) Maubl. & Roger, Rubiaceae, *Gardenia*, Doidge (1950) p. 397, Ritschel (2005) p. 29, Thirumalachar & Narasimhan (1947), Van Reenen (1995) p. 179, A, SA, (II, III) Doidge (1927, 1950) included specimens of *H. gardeniae-thunbergiae* in those listed under *H. vastatrix*. This was corrected by Van Reenen (1995)
 10. *Hemileia scholzii* (Henn.) Syd. & P.Syd., Lamiaceae, *Clerodendron*, Doidge (1950) p. 398, Ritschel (2005) p. 49, Van Reenen (1995) p. 179, SA, (II, III)
 11. *Hemileia thomasi* Thirum. & Naras. (= *Hemileia randiicola* Thaug), Rubiaceae, *Gardenia*, Masuka et al. (1998), Z, (II) according to Ritschel (2005) this record is a misidentification, it is probably *Hemileia oxyanthi* Cummins as the host appears to belong to *Oxyanthus* sp. rather than *Gardenia*
 12. **Hemileia vastatrix* Berk. & Broome, Rubiaceae, *Coffea*, Coutinho et al. (1995), Doidge (1950), Masuka et al. (1998), Ritschel (2005) p. 58, Thirumalachar & Narasimhan (1947), Van Reenen (1995), A, M, SA, SZ, Z, (II, III)
 13. *Hemileia wakefieldii* Ritschel, Oleaceae, *Jasminum*, Ritschel (2005) p. 64, SA, (II, III)
 14. *Hemileia woodii* Kalchbr. & Cooke, Rubiaceae, *Vangueria*, *Vangueriopsis*, Doidge (1950) p. 398, Masuka et al. (1998), Ritschel (2005) p. 66, Thirumalachar & Narasimhan (1947), Van Reenen (1995) p. 179, SA, Z, (II, III)
- *Uredo africana* see *Hemileia africana*
 - *Uredo ancylanthi* see *Hemileia africana*
 - 15. *Uredo cryptolepidis* Cooke, Apocynaceae, *Cryptolepis*, Doidge (1950) p. 467, M, SA this species is closely related to *Uredo cryptostegiae* (= *Hemileia cryptostegiae*) from Madagascar, Wood & Aime (2024)
 - *Uredo detergibilis* see *Hemileia detergibilis*
 - *Uredo ectadiopsidis* see *Hemileia ectadiopsidis*
 - *Uredo evansii* see *Hemileia evansii*

- *Uredo gardenia-thunbergiae* see *Hemileia gardeniae-thunbergiae*
- *Uredo fadogia* see *Hemileia fadogia*

SKIERKINEAE

Skierkaceae

16. *Skierka robusta* Doidge, Vitaceae, *Rhoicissus*, Doidge (1950) p. 435, Gjørnum (1995) p. 161, Mains (1939) p. 188, Thirumalachar (1946) p. 349, Van Reenen (1995) p. 180, SA, Z, (O, III)

MELAMPSORINEAE

Milesinaceae

- *Milesia nervisequa* see *Milesina nervisequa*
 - *Milesia magellanica* see *Milesina magellanica*
 - *Milesia silvae-knysnae* see *Milesina silvae-knysnae*
17. *Milesina blechni* (Syd. & P.Syd.) Syd. & P.Syd., Blechnaceae, *Blechnum*, Dryopteridaceae, *Rumorha*, Berndt (2008b) p. 8, SA; (aecial stage on *Abies* spp., not recorded in southern Africa) (O, I) (II, III) **urediniospores only recorded in southern Africa**
- *Milesina dieteliana* misapplied in South Africa, see *M. nervisequa*
18. *Milesina magellanica* (Faull) Hirats., (= *Milesia magellanica* Faull), Aspleniaceae, *Asplenium*, Berndt (2008b) p. 11, SA (II) **only known from urediniospores**
19. *Milesina nervisequa* (Thüm.) P.Syd. & Syd. [= *Milesia nervisequa* (Thüm.) Faull], Polypodiaceae, *Microgramma*, Pteridaceae, *Hemionitis*, Berndt (2008b) p. 9, Doidge (1950) p. 395, Van Reenen (1995) p. 178, SA (II) **only known from urediniospores**
20. *Milesina silvae-knysnae* (Berndt) A.R.Wood (= *Milesia silvae-knysnae* Berndt), Dryopteridaceae, *Polystichum*, Berndt (2008b) p. 14, **this publication**, SA (II) **only known from urediniospores**
- *Uredinopsis macrosperma* see *Uredinopsis pteridis*
21. *Uredinopsis pteridis* Dietel & Holw., (= *Uredinopsis macrosperma* (Cooke) Magnus), Blechnaceae, *Stenochlaena*, Dennstaedtiaceae, *Pteridium*, Berndt (2008b) p. 15, Doidge (1950) p. 396, Van Reenen (1995) p. 178, SA; (aecial stage on *Abies*, not recorded in southern Africa) (O, I) (II, III) **urediniospores only recorded in southern Africa**

Coleosporiaceae

- *Caeoma clematidis* see *Coleosporium clematidis*

- *Caeoma heteromorphae* excluded species
- *Caeoma lichtensteiniae* excluded species
- *Caeoma nervisequum* see *Milesina nervisequa*

- 22. *Coleosporium clematidis* Barclay, Ranunculaceae, *Clematis*, Doidge (1950) p. 393, Van Reenen (1995) p. 177, SA, (II, III) **urediniospores only recorded from southern Africa**
- *Coleosporium detergibile* see *Hemileia detergibile*
- 23. *Coleosporium hedyotidis* Kalchbr. & Cooke, Rubiaceae, *Kohautia*, *Oldenlandia*, Doidge (1950) p. 393, Van Reenen (1995) p. 177, SA, SZ, (II) **uredinia only described, telia not known**
- 24. *Coleosporium hewittiae* A.R.Wood & Aime (previously misidentified as *Coleosporium ipomoeae* (Schwein.) Burrill), Convolvulaceae, *Hewittia*, Doidge (1950) p. 393, Van Reenen (1995) p. 177, Wood & Aime (2024) p. 513, SA, (II) **uredinia only described, telia not known**
- *Coleosporium ipomoeae* see *Coleosporium hewittiae*
- 25. ****Coleosporium plumeriae* Pat.**, Apocynaceae, *Plumeria*, KR110056 (accessed at <https://www.ncbi.nlm.nih.gov/genbank/>), **this publication**, SA, (II, III) **urediniospores only recorded from southern Africa**
- *Cronartium bresadolatum* (as '*C. bresadoleum*') see *Crossopsora gilgiana*
- *Cronartium gilgianum* see *Crossopsora gilgiana*
- *Cronartium ziziphi* see *Crossopsora sekhukhunenensis*
- 26. *Quasipucciniastrum ochraceum* (Bonord.) M. Scholler & U. Braun (= *Thekopsora agrimoniae* Dietel, *Pucciniastrum agrimoniae* (Dietel) Tranzschel), Rosaceae, *Agrimonia*, *Leucosidea*, *Cliffortia*, Berndt & Wood (2012) p. 495, Doidge (1950) p. 395, Van Reenen (1995) p. 178, SA, (II, III) **urediniospores only recorded in South Africa, taxonomy follows Scholler et al. (2022)**
- *Thekopsora agrimoniae* see *Quasipucciniastrum ochraceum*

Pucciniastaceae

- *Pucciniastrum agrimoniae* see *Quasipucciniastrum ochraceum*
- 27. ****Pucciniastrum epilobii* (Chaillet) G.H.Ott**, (= *Pucciniastrum fuchsiae* Hirats.), Onagraceae, *Fuchsia*, Gorter (1982), Masuka et al. (1998), SA, Z; (aecial stage on Pinaceae, not recorded in southern Africa) (O, I) (II, III)
- *Pucciniastrum fuchsiae* see *Pucciniastrum epilobii*
- 28. ****Pucciniastrum minimum* (Schwein.) Arthur** (= *Thekopsora minima* (Schwein.) P.Syd. & Syd.), Ericaceae, *Vaccinium*, Mostert et al. (2010) p. 478, SA; (aecial

stage on *Tsuga*, not recorded in southern Africa) (O, I) (II, III) urediniospores only recorded in southern Africa, taxonomy follows Scholler et al. (2022)

- *Thekopsora minima* see *Pucciniastrum minimum*

Melampsoraceae

29. **Melampsora allii-populina* Kleb., Salicaceae, *Populus*, Van Reenen (1995), SA; (*Caeoma alliorum* Link, Amaryllidaceae, not recorded in southern Africa) (O, I) (II, III)
30. **Melampsora coleosporioides* Dietel, Salicaceae, *Salix*, Van Reenen (1995), SA; (aecial stage on *Papaveraceae*, not recorded in southern Africa) (O, I) (II, III)
31. **Melampsora euphorbiae* (Ficinus & C.Schub.) Castagne, (= *Melampsora helioscopiae* (Pers.) Castagne), Euphorbiaceae, *Euphorbia*, Doidge (1950) p. 394, Gjørnum (2002) p. 179, Henderson (1969) p. 380, Masuka et al. (1998), Van Reenen (1995) p. 177, SA, Z, (O, I, II, III) urediniospores only recorded from most southern African specimens, telia recorded only on *E. peplus* in SA
32. **Melampsora hypericorum* (DC.) J.Schröt., Hypericaceae, *Hypericum*, Masuka et al. (1998), Z, (I, III) it is not recorded whether this record refers to the typical variety, or to variety *australis*
33. *Melampsora hypericorum* (DC.) J.Schröt. var. *australis* Doidge, Hypericaceae, *Hypericum*, Doidge (1950) p. 394, Van Reenen (1995) p. 178, SA, Z, (II, III)
- *Melampsora junodii* see *Phakopsora vernoniae*
34. **Melampsora laricis-populina* Kleb., Salicaceae, *Populus*, Van der Westhuizen & Van Warmelo (1969) p. 87, Lloyd (1971) p. 1, Van Reenen (1995), Hawke & Laing (2001), SA, Z; (*Caeoma laricis* Hart., Pinaceae, not recorded in southern Africa) (O, I) (II, III)
35. **Melampsora lini* (Ehrenb.) Thüm., Linaceae, *Linum*, Doidge (1950) p. 394, Van Reenen (1995) p. 178, SA, (O, I, II, III)
36. **Melampsora medusae* Thüm., Salicaceae, *Populus*, Trench et al. (1988), Van Reenen (1995), Hawke & Laing (2001), SA; (*Caeoma* spp., Pinaceae, not recorded in southern Africa), (O, I) (II, III) urediniospores only recorded in South Africa
37. **Melampsora medusae-populina* Spiers, Salicaceae, *Populus*, Hawke (2001), Hawke & Laing (2001), SA (II, III) urediniospores only recorded in South Africa
- **Melampsora populnea* (Pers.) P.Karst., doubtful identification Doidge (1927) stated that this was a doubtful determination as only uredinia were present in specimens examined. Later collections of rust on poplars in southern Africa have been assigned to *Melampsora allii-populina*, *M. laricis-populina* and *M. medusae*
- *Melampsora puccinioides*, excluded species

38. **Melampsora ricini* Pass. ex E.A. Noronha, Euphorbiaceae, *Ricinus*, Doidge (1950), Masuka et al. (1998), Van Reenen (1995), SA, Z, (II, III) **urediniospores only recorded in southern Africa**
- *Melampsora stratos* see *Bubakia stratos*
 - **Melampsora vitellinae* Thüm., doubtful identification Doidge (1927) stated that this was a doubtful determination. Later collections of willow rust from southern Africa have been assigned to *Melampsora coleosporioides*. Urediniospores only recorded in southern Africa
 - *Schroeteriaster doidgeae* see *Bubakia doidgeae*
 - *Schroeteriaster stratosus* see *Bubakia stratos*

RAVENELIINEAE

Tranzscheliaceae

39. **Tranzschelia discolor* (Fuckel) Tranzschel & M.A.Litv., Rosaceae, *Prunus*, Gorter (1977), Van Reenen (1995), (as *Puccinia pruni-spinosae* in Doidge (1950) p. 424), Masuka et al. (1998), SA, Z; (aecial stage on *Anemone*, not recorded in southern Africa) (O, I) (II, III)
- *Tranzschelia pruni-spinosae* (Pers.) Dietel (= *Puccinia pruni-spinosae* Pers.), see *Tranzschelia discolor* although *Tranzschelia pruni-spinosae* is the current correct binomial for *Puccinia pruni-spinosae*, Gorter (1977) only listed *Tranzschelia discolor* as present in South Africa

Phakopsoraceae

40. *Bubakia stratos* (Cooke) Dietel (= *Melampsora stratos* Cooke; *Schroeteriaster stasosus* (Cooke) Syd.; *Phakopsora stratos* (Cooke) Arthur), Euphorbiaceae, *Croton*, Berndt & Wood (2012) p. 489, Doidge (1950) p. 435, Van Reenen (1995) p. 180, Wood (2006) p. 536, Wood & Aime (2024) p. 515, SA, (O, II^I, II^{II}, III) **uredinia milesia-like**
41. *Bubakia doidgeae* (Syd.) A.R.Wood & Aime (= *Schroeteriaster doidgeae* Syd.; *Uredo doidgeae* (Syd.) A.R.Wood), Euphorbiaceae, *Croton*, Doidge (1950) p. 435, Van Reenen (1995) p. 180, Wood (2006) p. 541, Wood & Aime (2024) p. 515, SA, (II, III) **uredinia milesia-like**
42. **Cerotelium fici* (Castagne) Arthur, Moraceae, *Ficus*, Doidge (1950) p. 396, Masuka et al. (1998), Van Reenen (1995) p. 178, SA, Z, (II, III) **urediniospores only recorded in southern Africa**
- *Cerotelium gossypii* see *Phakopsora desmum*
 - *Dasturella grewiae* see *Uredopeltis chevalieri*
43. *Masseëlla capparis* (Hobson bis ex Cooke) Dietel (as ‘*capparidis*’) (= *Masseëlla flueggeae* Syd., *Aecidium brideliae* Henn. & Pole-Evans, *Uredo brideliae* (Henn. &

- Pole-Evans) Doidge), Euphorbiaceae, *Flueggea*, Doidge (1950) p. 399, Gjørsum (2002) p. 178, Mundkur & Thirumulachar (1946) p. 11, Van Reenen (1995) p. 179, SA, Z, (I?, II, III) aecia not yet recorded for this species but old aecidium-like aecia, uredinia and telia have been found intermixed on single leaves. Doidge (1927) transferred Henning's species to *Uredo*, based on a comment in Sydow and Sydow (1924). Unfortunately, this name is a later homonym of *Uredo brideliae* Koord (now *Phakopsora brideliae* (Koord.) Arthur). Doidge (1927) noted that the host of *Aecidium brideliae* had been incorrectly identified, and corrected it
- *Masseella flueggeae* see *Masseella caparis*
 - 44. *Phakopsora capriensis* Ritschel, Berndt & Oberw., Euphorbiaceae, *Bridelia*, Ritschel et al. (2007) p. 140, A, N, SA, (II, III) uredinia milesia-like; first records from South Africa PREM 61380, 61400]
 - 45. *Phakopsora combretorum* A.R.Wood & Berndt (= *Uredo combreticola* Doidge), Combretaceae, *Combretum*, Berndt & Wood (2012) p. 484, Doidge (1950) p. 466, Mennicken et al. (2005a) p. 57, N, SA (II, III) uredinia milesia-like
 - 46. **Phakopsora desmum* (Berk. & Broome) Cummins, (= *Cerotelium gossypii* Arthur, *Phakopsora gossypii* (Arthur) Hirats.f.), Malvaceae, *Gossypium*, Doidge (1950) p. 396, Van Reenen (1995) p. 179, SA, (II, III) record based on a single old specimen from KwaZulu-Natal, therefore the presence of this rust fungus in South Africa requires confirmation, apparently it is not present in cotton production areas in the country. It is recorded elsewhere in Africa
 - *Phakopsora gossypii* see *Phakopsora desmum*
 - 47. *Phakopsora melhaniae* Berndt & A.R.Wood, Malvaceae, *Melhania*, Berndt et al. (2008) p. 19, SA (II, III) uredinia calidion-like
 - *Phakopsora microspora* see *Uredopeltis microspora*
 - 48. *Phakopsora myrtacearum* McTaggart, W.Maier, Jol. Roux & M.J.Wingf., Myrtaceae, *Eucalyptus*, Maier et al. (2016) p. 192, M, SA (II) known from urediniospores only, uredinia uredo-like. Although the hosts are alien plants, this rust is not known from Australia and therefore is possibly an indigenous species that has undergone a host jump (new association)
 - 49. **Phakopsora nishidana* S.Ito, Moraceae, *Ficus*, Boshoff et al. (2022b), SA, (II, III)
 - 50. **Phakopsora pachyrhizi* Syd. & P.Syd., Fabaceae, *Glycine*, *Phaseolus*, *Psoralea*, *Pueraria*, Masuka et al. (1998), Mennicken & Oberwinkler (2004) p. 15, Ono et al. (1992), Pretorius et al. (2000a) p. 1288, Pretorius et al. (2007) p. 1364, SA, Z, (II, III) uredinia malupa-like]
 - *Phakopsora stratosia* see *Bubakia stratosia*
 - 51. *Phakopsora tecta* Jackson & Holway (= *Uredo commelinae* Kalchbr., as '*U. commelyneae*', nom. illegit., Art. 53.1), Commelinaceae, *Commelina*, Buriticá (1999) p. 280, Doidge (1950) p. 466, SA (II, III) uredinia malupa-like
 - *Phakopsora ziziphi-vulgaris* see *Uredopeltis ziziphi-vulgaris*

52. *Uredopeltis atrides* (Syd. & P.Syd.) A.R.Wood (= *Ravenelia atrides* Syd. & P.Syd.), Malvaceae, *Grewia*, Buriticá & Hennen (1994), Doidge (1950) p. 431, Van Reenen (1995) p. 179, Wood (2007) p. 94, SA, (II, III) *uredinia modified malupa-like, shortly stipitate*
53. *Uredopeltis chevalieri* J.Walker & R.G.Shivas (= *Dasturella grewiae* (Pat. & Har.) Thirum., *Phakopsora grewiae* (Pat. & Har.) Cummins, *Uredo grewiae* Pat. & Har.), Malvaceae, *Grewia*, Thirumalachar (1946) p. 348, Walker & Shivas (2004) p. 43, Wood (2007) p. 95, N, SA, (II, III) *the specimen assigned to Uredopeltis cf. chevalieri by Mennicken et al. (2005a) has now been assigned to Phakopsora microspora. Uredinia malupa-like*
54. *Uredopeltis corbiculoides* (Cummins) A.R.Wood & Aime (= *Uredo corbiculoides* Cummins), Malvaceae, *Grewia*, Wood (2007) p. 98, Wood & Aime (2024) p. 518, SA, (II, III) *uredinia modified Malupa-like, stipitate*
55. *Uredopeltis flavae* Mennicken, W. Maier & Oberw., Malvaceae, *Grewia*, Mennicken et al. (2005a) p. 71, Wood (2007) p. 97, N, SA (II, III) *specimens listed under Uredo grewiae in Doidge (1950) p. 468 belong here, not to Uredopeltis chevalieri. Uredinia modified malupa-like and shortly stipitate*
56. *Uredopeltis microspora* (Cummins) A.R.Wood & Aime (= *Phakopsora microspora* Cummins), Malvaceae, *Grewia*, Mennicken et al. (2005a) p. 72 (as *Uredopeltis cf. chevalieri*), McTaggart et al. (2017), Wood & Aime (2024) p. 518, N, SA, (II, III) *uredinia calidion-like*
57. *Uredopeltis ziziphi-vulgaris* (Henn.) A.R.Wood & Aime (= *Phakopsora ziziphi-vulgaris* (Henn.) Dietel), Rhamnaceae, *Ziziphus*, Berndt & Wood (2012) p. 495, SA, (II, III) *uredinia milesia-like*
58. *Uredo balsamodendri* Cooke (= *Uromyces paradoxus* Syd. & P.Syd.), Burseraceae, *Commiphora*, Doidge (1950) p. 466, Wood (2006) p. 540, M, SA (II) *similar to Nothoravenelia commiphorae Cummins, this synonymy has been proposed several times but the paraphyses differ in size (Cummins 1952), uredinia calidion-like with pointed paraphyses*
- *Uredo corbiculoides* see *Uredopeltis corbiculoides*
59. *Uredo dombeyae* Doidge, Malvaceae, *Dombeya*, Doidge (1950) p. 467, SA, (II) *uredinia calidion-like*
60. *Uredo dombeyicola* Cummins, Malvaceae, *Dombeya*, *this publication*, SA, (II) *uredinia malupa-like*
- *Uredo doidgeae* see *Bubakia doidgeae*

Raveneliaceae

61. *Aecidium burtt-davyi* Doidge, Fabaceae, *Vachellia*, Doidge (1950) p. 454, SA, (I) *this may be the aecial stage of Ravenelia modesta (Doidge 1939)*
62. *Aecidium dinteri* Doidge, Fabaceae, *Vachellia*, Doidge (1950) p. 456, N, (O, I)

- *Aecidium inornatum* see *Cystoteliium inornata*
- 63. *Aecidium litakunense* Doidge, Fabaceae, *Vachellia*, Doidge (1950) p. 459, B, SA, (O, I)
- 64. *Aecidium spinicola* Doidge (as '*spiniculum*'), Fabaceae, *Acacia* undet., Doidge (1950) p. 463, SA, (I)
- 65. *Angusia lonchocarpi* G.F.Laundon (= *Uredo lonchocapi* Doidge; *Maravalia lonchocarpi* (G.F.Laundon) Y.Ono), Fabaceae, *Lonchocarpus*, Doidge (1950) p. 468, Laundon (1964), Ono (1984) p. 899, Ritschel et al. (2007) p. 147, Wood & Aime (2024) p. 519, M, N, SA (O, II, III) *uredinia Calidion-like*
- 66. *Cephaloteliium acaciae-arabicae* (Mundk. & Thirum.) A.R.Wood & Aime (= *Ravenelia acaciae-arabicae* Mundk. & Thirum.), Fabaceae, *Vachellia*, Ebinghaus et al. (2020) p. 275, Wood & Aime (2024) p. 519, SA, (II, III)
- 67. *Cephaloteliium evansii* (Syd. & P.Syd.) Aime & McTaggart (= *Ravenelia evansii* Syd. & P.Syd.), Fabaceae, *Vachellia*, Bagyanarayana & Ravinder (1988), Doidge (1950) p. 432, Ebinghaus et al. (2018) p. 15, Van Reenen (1995) p. 180, SA, (O, I, II, III)
- 68. *Cephaloteliium hieronymi* (Speg.) A.R.Wood & Aime (= *Ravenelia hieronymi* Speg.; *Cystingophora hieronymi* (Speg.) Arthur; *Pleoravenelia deformans* Maubl.; *Ravenelia deformans* (Maubl.) Dietel, *Cystingophora deformans* (Maubl.) Syd.), Fabaceae, *Acacia* undet., Doidge (1950) p. 431, Hernández & Hennen (2002) p. 962, Van Reenen (1995) p. 180, Wood & Aime (2024) p. 519, M, (O, I, III)
- 69. *Cephaloteliium macowanianum* (Pazschke) Syd. (= *Ravenelia macowaniana* Pazschke), Fabaceae, *Vachellia*, Doidge (1950) p. 433, Ebinghaus et al. (2018) p. 15, Van Reenen (1995) p. 180, N, SA, (O, I, II, III) *spermogonia not previously recorded – subcuticular, small, flat hymenium, type 7*
- 70. *Cephaloteliium xanthophloeae* (M.Ebinghaus, W.Maier & Begerow) Aime & McTaggart (= *Ravenelia xanthophloeae* Ebinghaus, W.Maier & Begerow), Fabaceae, *Vachellia*, Ebinghaus et al. (2018) p. 11, SA, (I, II, III)
- *Cystingophora deformans* see *Cephaloteliium hieronymi*
- 71. *Cystoteliium inornata* (Kalchbr.) Syd. (= *Aecidium inornatum* Kalchbr.; *Ravenelia inornata* (Kalchbr.) Dietel), Fabaceae, *Vachellia*, Doidge (1950) p. 432, Van Reenen (1995) p. 180, Ebinghaus et al. (2020) p. 281, Wood & Aime (2024) p. 519, SA, (I, III)
- 72. *Diorchidium baphiae* Ritschel, Berndt & Oberw., Fabaceae, *Baphia*, Doidge (1950) p. 468, Masuka et al. (1998), Ritschel et al. (2007) p. 138, A, N, Z (II, III) *uredinia calidion-like*
- *Diorchidium gerstneri* see *Sphaerophragmium gerstneri*
- *Diorchidium tricholaenae* see *Puccinia levis* var. *tricholaenae*
- 73. *Diorchidium woodii* Kalchbr. & Cooke, Fabaceae, *Millettia*, Cummins & Hiratsuka (1983) p. 131, Doidge (1950) p. 396, Van Reenen (1995) p. 178, SA, (III)

- *Longia natalensis* see *Ravenelia natalensis*
- *Maravalia lonchocarpi* see *Angusia lonchocarpi*
- 74. *Maravalia mimusops* (Cooke) Y.Ono (= *Uromyces mimusops* Cooke, *Scopella mimusops* (Cooke) Cummins), Sapotaceae, *Mimusops*, Cummins (1950) p. 209, Doidge (1950) p. 446, Ono (1984) p. 907, M, SA (O, II^I, II^{II}, III) *uredinia uredo-like*
- 75. *Maravalia neomimusops* A.R.Wood, Sapotaceae, *Mimusops*, *this publication*, SA (II, III) *uredinia uredo-like*
- 76. *Neoravenelia dichrostachydis* (Doidge) A.R.Wood & Aime (= *Ravenelia dichrostachydis* Doidge), Fabaceae, *Dichrostachys*, Doidge (1950) p. 431, Van Reenen (1995) p. 80, Wood & Aime (2024) p. 519, SA, (III)
- 77. *Newinia kigeliae* Eboh, Bignoniaceae, *Kigelia*, Gjørnum (1995) p. 150, Ritschel et al. (2007) p. 147, *this publication*, N, SA, Z, (O, II, III)
- *Pleoravenelia deformans* see *Cephalotelium hieronymi*
- *Prospodium transformans* (Ellis & Everh.) Cummins, Bignoniaceae, *Tecoma*, Wood (2014), (O, III) *deliberate attempts were made to establish this as a biological control agent of Tecoma stans (L.) Juss. ex Kunth in South Africa, but these were unsuccessful*
- *Ravenelia acaciae-arabicae* see *Cephalotelium acaciae-arabicae*
- 78. *Ravenelia acaciae-nigrescentis* Ritschel, Berndt & Oberw., Fabaceae, *Senegalia*, Ritschel et al. (2007) p. 142, Ebinghaus et al. (2020) p. 277, N, SA (II, III)
- 79. *Ravenelia acaciicola* Sanwal, Fabaceae, *Senegalia*, Ebinghaus et al. (2020) p. 276, SA, (II, III)
- *Ravenelia atrides* see *Uredopeltis atrides*
- *Ravenelia baumiana* see *Ravenelia stuhlmanni*
- *Ravenelia bottomleyae* see *Spumula bottomleyae*
- *Ravenelia deformans* see *Cephalotelium hieronymi*
- *Ravenelia dichrostachydis* see *Neoravenelia dichrostachydis*
- 80. *Ravenelia doidgeae* M.Ebinghaus, Begerow & W.Maier, Fabaceae, *Senegalia*, Ebinghaus et al. (2020) p. 272, SA, (II, III)
- 81. *Ravenelia dumeti* M.Ebinghaus, W.Maier & Begerow, Fabaceae, *Senegalia*, Ebinghaus et al. (2020) p. 273, SA, (II) *known only from urediniospores, Ravenelia pretoriensis is very similar and is recorded on the same host, there are small differences in spore dimensions*
- 82. *Ravenelia elephantorrhizae* Doidge, Fabaceae, *Elephantorrhiza*, Doidge (1950) p. 431, Van Reenen (1995) p. 80, SA, (II, III) *Gjørnum and Reid (1986) record a specimen from Zimbabwe as having distinct urediniospores but did not describe*

this as a new species as no telia were present. Further collecting is necessary to determine the taxonomy of *Ravenelia* species on *Elephantorrhiza*

83. *Ravenelia escharoides* Syd. & P.Syd., Fabaceae, *Senegalia*, *Faidherbia*, Doidge (1950) p. 432, Masuka et al. (1998), Van Reenen (1995) p. 180, SA, Z, (II, III)
 - *Ravenelia evansii* see *Cephalotelium evansii*
84. *Ravenelia glabra* Kalchbr. & Cooke, Fabaceae, *Calpurnia*, Doidge (1950) p. 432, Van Reenen (1995) p. 180, SA, (II, III)
85. *Ravenelia halsei* Doidge, Fabaceae, *Senegalia*, Doidge (1950) p. 432, Mennicken et al. (2005a) p. 63, Van Reenen (1995) p. 180, Ebinghaus et al. (2020) p. 281, N, SA, (II, III)
 - *Ravenelia hieronymi* see *Cephalotelium hieronymi*
86. *Ravenelia indigoferae* Tranzschel ex Dietel, Fabaceae, *Indigofera*, Doidge (1950) p. 432, Hernández & Hennen (2002) p. 963, Van Reenen (1995) p. 180, Z, (II, III)
 - *Ravenelia inornata* see *Cystotelium inornata*
87. *Ravenelia laevis* Dietel & Holw., Fabaceae, *Tephrosia*, Masuka et al. (1998), Z, (II, III)
88. *Ravenelia le-testui* Maubl., Fabaceae, *Cassia*, Doidge (1950) p. 433, Van Reenen (1995) p. 180, M, (II, III)
 - *Ravenelia macowaniana* see *Cephalotelium macowanianum*
89. **Ravenelia mesilliana* Ellis & Barthol., Fabaceae, *Senna*, Ebinghaus et al. (2020) p. 278, SA, (II, III)
90. *Ravenelia minima* Cooke, Fabaceae, *Albizia*, Doidge (1950) p. 433, Van Reenen (1995) p. 180, SA, (II, III)
91. *Ravenelia modesta* Doidge, Fabaceae, *Vachellia*, Doidge (1950) p. 433, Ritschel et al. (2007) p. 147, Van Reenen (1995) p. 180, Ebinghaus et al. (2020) p. 280, N, SA, (II, III)
92. *Ravenelia modjadji* M.Ebinghaus, W.Maier & Begerow, Fabaceae, *Senegalia*, Ebinghaus et al. (2020) p. 273, SA, (II^I, II^{II}, III) primary uredinia on galls
93. *Ravenelia molopa* W.Maier, M.Ebinghaus & Begerow, Fabaceae, *Senegalia*, Ebinghaus et al. (2020) p. 270, SA, (II, III)
94. *Ravenelia moloto* W.Maier, M.Ebinghaus & Begerow, Fabaceae, *Senegalia*, Ebinghaus et al. (2020) p. 266, SA, (II, III)
95. *Ravenelia natalensis* Syd., P.Syd. & Pole-Evans (= *Longia natalensis* (Syd., P.Syd. & Pole-Evans) Syd.), Fabaceae, *Vachellia*, Doidge (1950) p. 434, Van Reenen (1995) p. 180, SA, (I, II, III) this may be reinstated as *Longia natalensis* in the future
 - *Ravenelia ornamentalis* see *Cephalotelium macowanianum*

96. *Ravenelia ornata* Syd. & P.Syd., Fabaceae, *Abrus*, Wood (2006) p. 539, SA, (O, II, III)
97. *Ravenelia peglerae* Pole-Evans, Fabaceae, *Senegalia*, Doidge (1950) p. 434, Van Reenen (1995) p. 180, SA, (III)
98. *Ravenelia pienaarii* Doidge, Fabaceae, *Senegalia*, Doidge (1950) p. 434, Van Reenen (1995) p. 180, SA, (II, III)
99. *Ravenelia pretoriensis* Syd. & P.Syd., Fabaceae, *Senegalia*, *Vachellia*, Doidge (1950) p. 434, Ritschel et al. (2007) p. 148, Van Reenen (1995) p. 180, Ebinghaus et al. (2020) p. 281, N, SA, (II, III)
100. *Ravenelia schweinfurthii* Syd. & P.Syd., Fabaceae, *Entada*, Masuka et al. (1998), SA, Z, (II, III)
101. *Ravenelia spinifera* W.Maier, M.Ebinghaus & Begerow, Fabaceae, *Senegalia*, Ebinghaus et al. (2020) p. 270, SA, (II, III)
102. *Ravenelia stictica* Berk. & Broome, Fabaceae, *Mundulea*, Doidge (1950) p. 434, Van Reenen (1995) p. 180, N, SA, (II, III)
103. *Ravenelia stuhlmanni* Henn. (= *Ravenelia baumiana* Henn.), Fabaceae, *Senna*, Baxter (1980) p. 841, Doidge (1950) p. 431, Gjørsum (1995) p. 160, Masuka et al. (1998), Van Reenen (1995) p. 179, N, SA, Z, (II, III)
104. *Ravenelia tephrosiae* Kalchbr., Fabaceae, *Tephrosia*, Doidge (1950) p. 434, Masuka et al. (1998), Van Reenen (1995) p. 180, SA, Z, (II, III)
105. *Ravenelia transvaalensis* Doidge, Fabaceae, *Senegalia*, Doidge (1950) p. 434, Mennicken et al. (2005a) p. 63, Van Reenen (1995) p. 180, N, SA, (O, III)
106. *Ravenelia woodii* Pazschke, Fabaceae undet., Doidge (1950) p. 434, Van Reenen (1995) p. 180, SA, (II, III)
107. *Ravenelia xanthophloeae* see *Cephalotelium xanthophloeae*
108. *Ravenelia* sp., Fabaceae, *Elephantorrhiza*, Gjørsum & Reid (1986) p. 104, Z, (II, III)
- *Scopella mimusops* see *Maravalia mimusops*
109. *Spumula bottomleyae* (Doidge) Thirum., (= *Ravenelia bottomleyae* Doidge), Fabaceae, *Albizia*, Doidge (1950) p. 431, Thirumalachar (1946) p. 349, Cummins (1945), Z, (O, I, II, III)
110. **Uromycladium* sp. (= *Uromycladium acaciae* (Cooke) P.Syd. & Syd. emend McTaggart & Roux), Fabaceae, *Acacia*, McTaggart et al. (2015), Morris et al. (1988) (as *U. alpinum* McAlpine, Van Reenen (1995) mistakenly listed this under *U. morrisii* (as *U. tepperianum*), SA, (O, II, III) the species as described in McTaggart et al. (2015) is morphologically distinct to that originally described as *U. acaciae* (= *U. bisporea*)
111. **Uromycladium morrisii* Doungsa-Ard, McTaggart, Geering & R.G.Shivas (previously included within *U. tepperianum* (Sacc.) McAlpine), Fabaceae, *Acacia*,

- Doungsa-Ard et al. (2018), Morris (1991), SA, (O, III) this species was deliberately introduced into South Africa for the biological control of *Acacia saligna*
112. **Uromycladium woodii* Doungsa-Ard, McTaggart, Geering & R.G.Shivas, Fabaceae, *Paraserianthes*, Doungsa-ard et al. (2018), SA, (O, III) this species was deliberately introduced into South Africa for the biological control of *Paraserianthes lophantha*
- *Uropyxis gerstneri* see *Sphaerophragmium gerstneri*
113. *Uropyxis steudneri* (Magnus) Dietel var. *rhodesica* Doidge, Fabaceae, *Ormocarpum*, Baxter (1959) p. 213, Doidge (1950) p. 451, Masuka et al. (1998), Van Reenen (1995) p. 181, SA, Z, (O, III) first record from South Africa PREM 63200

‘unassigned Pucciniales’

114. *Cumminsina clavispora* Petr., Malvaceae, *Grewia*, Von Petrak (1955) p. 474, A, (II, III)
115. *Didymopsorella lemanensis* (Doidge) Hirats.f., (= *Puccinia lemanensis* Doidge), Rutaceae, *Toddalia*, Doidge (1950) p. 415, SA, (III)
116. *Uredo fynbosense* Berndt, Rhamnaceae, *Phylica*, Berndt (2009) p. 114, SA, (II) uredinia milesia-like, it is uncertain if this belongs to Phakopsoraceae or Crossopsoraceae
117. *Uredo monechmatis* Cummins, Acanthaceae, *Hypoestes*, *Isoglossa*, *Justicia*, Berndt (2009) p. 114, SA (II) uredinia malupa-like, it is uncertain if this belongs to Phakopsoraceae or Crossopsoraceae

UREDININEAE

Phragmidiaceae

118. *Hamaspora longissima* (Thüm) Körn., Rosaceae, *Rubus*, Doidge (1950) p. 397, Monoson (1968) p. 266, Van Reenen (1995) p. 179, SA, (II, III)
119. *Kuehneola uredinis* (Link) Arthur, (= *Kuehneola albida* (J.G.Kühn) Magnus), Rosaceae, *Rubus*, Doidge (1950) p. 399, Masuka et al. (1998), Van Reenen (1995) p. 179, Wager (1947), SA, (O, II, III)
- *Phragmidium disciflorum* see *Phragmidium mucronatum*
 - *Phragmidium longissimum* see *Hamaspora longissima*
120. **Phragmidium mexicanum* (Mains) H.Y.Yun, Minnis & Aime (= *Frommeëlla mexicana* (Mains) J.W.McCain & J.Hennen var. *indicae* J.W.McCain & J.Hennen, *Frommea obtusa* (F.Strauss) Arth. var. *duchesneae* (Arth.) Arth.), Rosaceae, *Potentilla*, McCain & Hennen (1990), Van Reenen (1995), Yun et al. (2011), SA (II, III)

121. **Phragmidium mucronatum* (Pers.) Schltdl., (= *Phragmidium disciflorum* (Tode.) James), Rosaceae, *Rosa*, Doidge (1950), Masuka et al. (1998), Van Reenen (1995), SA, Z, (O, I, II, III)
- *Phragmidium violacearum* see *Kuehneola uredinis* (misidentified)
122. *Trachyspora intrusa* (Grev.) Arthur, (= *Uromyces alchemillae* (Pers.) Lév.), Rosaceae, *Alchemilla*, Doidge (1950) p. 435, Henderson (1972) p. 444, Gjørsum (1995) p. 161, Gjørsum & Cummins (1982) p. 424, SA, Z, (II, III)

Crossopsoraceae

123. *Aecidium afrocanthii* A.R.Wood, Rubiaceae, *Afrocanthium*, this publication, SA, (I)
124. *Aecidium pachystigmae* Doidge, Rubiaceae, *Pygmaeothamnus*, *Fadogia*, Doidge (1950) p. 461, SA, Z, (I)
125. *Aecidium transvaaliae* Henn. & Pole-Evans, Rubiaceae, *Pavetta*, Doidge (1950) p. 463, SA, Z, (O, I)
126. *Aecidium vangueriae* Cooke, Rubiaceae, *Pachystigma*, *Vangueria*, Doidge (1950) p. 464, Masuka et al. (1998), SA, Z, (I)
127. **Angiopsora apoda* (Har. & Pat.) Aime & McTaggart (= *Phakopsora apoda* (Har. & Pat.) Mains), Poaceae, *Pennisetum*, Adendorff & Rijkenberg (1995, 2000), Jørstad (1956), M, SA, (II, III) uredinia calidion-like
128. *Angiopsora hansfordii* Cummins (= *Physopella melinidis* Cummins & Ramachar), Poaceae, *Tricholaena*, Jørstad (1956) p. 574, A, (II, III) uredinia calidion-like. Not to be confused with *Phakopsora hansfordii* Cummins (= *Angiopsora hansfordii* (Cummins) Thirum. & F.Kern (illegit. Name), *Angiopsora hansfordiana* Jørst., *Physopella hansfordii* (Cummins) Cummins & Ramachar)
129. *Crossopsora antidesmae-dioicae* (Racib.) Arthur & Cummins, Euphorbiaceae, *Antidesma*, Berndt & Wood (2012) p. 489, SA, (II, III) urediniospores only recorded from southern Africa, uredinia malupa-like
130. *Crossopsora brachylaenae* (Doidge) A.R.Wood & Aime (= *Uredo brachylaenae* Doidge), Asteraceae, *Brachylaena*, Doidge (1950) p. 466, Wood & Aime (2024) p. 520, SA, (II) uredinia modified malupa-like, stipitate
131. *Crossopsora gilgiana* (Henn.) Buriticá & J.F.Hennen, (= *Cronartium gilgianum* Henn.), Ebenaceae, *Euclea*, Buritica & Hennen (1980) p. 20, Doidge (1950) p. 393, Masuka et al. (1998), Van Reenen (1995) p. 177, A, M, SA, Z, (O, III)
132. *Crossopsora perscita* Cumm., Asteraceae, *Vernonia*, Cummins (1960) p. 33, Z, (II, III) uredinia calidion-like
133. *Crossopsora sekhukhunensis* (Berndt & A.R.Wood) A.R.Wood & Aime (= *Uredo sekhukhunensis* Berndt & A.R.Wood, as ‘sekhukhunensis’), Rhamnaceae, *Ziziphus*, Berndt & Wood (2012) p. 492, (as *Cronartium ziziphi* in

- Doidge (1950) p. 394, Masuka et al. (1998), Van Reenen (1995) p. 177), Wood & Aime (2024) p. 520, N, SA, Z, (II) *uredinia malupa-like*
134. *Crossopsora tarchonanathi* (Mennicken & Oberw.) A.R.Wood & Aime (= *Uredo tarchonanathi* Mennicken & Oberw.), Asteraceae, *Tarchonanthus*, Mennicken & Oberwinkler (2004) p. 10, Wood & Aime (2024) p. 520, SA, (II) *uredinia malupa-like*
135. *Crossopsora vernoniae* (Jørst.) A.R.Wood & Aime (= *Phakopsora vernoniae* Jørstad, *Melampsora junodii* Doidge), Asteraceae, *Vernonia*, Doidge (1950) p. 394, Van Reenen (1995) p. 178, Wood (2006) p. 536, Wood & Aime (2024) p. 520, M, SA (II, III) *uredinia Calidion-like*
- *Crossopsora ziziphi* see *Crossopsora sekhukhunensis*
 - *Phakopsora apoda* see *Angiopsora apoda*
136. *Phakopsora incompleta* (Syd. & P.Syd.) Cummins, Poaceae, *Themeda*, Gjørum (1988a) p. 352, Z, (II, III) *uredinia calidion-like, likely in Angiopsora*
137. *Phakopsora nysalandica* (Cummins) A.R.Wood (= *Physopella nysalandica* Cummins), Asteraceae, *Helichrysum*, Gjørum (1995) p. 151, Wood (2006) p. 536, Z (II, III) *uredinia calidion-like, likely to be transferred to a new genus*
138. *Phakopsora setariae* Cummins, Poaceae, *Setaria*, *this publication*, SA, (II, III) *urediniospores only recorded from southern Africa, uredinia calidion-like, likely in Angiopsora*
- *Phakopsora vernoniae* see *Crossopsora vernoniae*
 - *Physopella melinidis* see *Angiopsora hansfordii*
 - *Physopella nysalandica* see *Phakopsora nysalandica*
139. *Stomatisora psychotriicola* A.R.Wood, M.Lutz, R.Bauer & Oberw., Rubiaceae, *Psychotria*, Wood et al. (2014) p. 1099, SA, (III)

Sphaerophragmiaceae

140. **Austropuccinia psidii* (G.Winter) Beenken (= *Puccinia psidii* G.Winter), Myrtaceae, *Backhousia*, *Eugenia*, *Heteropyxis*, *Myrtus*, Roux et al. (2013), Roux et al. (2016), SA, (II, III)
141. *Puccorchidium popowiae* (Cooke) Beenken & A.R.Wood (= *Puccinia popowiae* Cooke), Annonaceae, *Monanthotaxis*, Doidge (1950) p. 424, Beenken & Wood (2015) p. 49, SA, (I, III)
142. *Sphaerophragmium artabotrydis* Doidge, Annonaceae, *Artabotrys*, Beenken & Berndt (2010) p. 654, Doidge (1950) p. 435; Lohsomboon et al. (1994) p. 912, Monoson (1974) p. 799, SA, (III)
143. *Sphaerophragmium dalbergiae* Dietel, Fabaceae, *Dalbergia*, Berndt & Wood (2012) p. 490, Doidge (1950) p. 435; Lohsomboon et al. (1994) p. 915, Monoson (1974) p. 794, SA, (II, III) *uredinia calidion-like*

144. *Sphaerophragmium gerstneri* (Doidge) Beenken & Berndt (= *Diorchidium gerstneri* (Doidge) A.R.Wood, *Uropyxis gerstneri* Doidge), Annonaceae, *Uvaria*, Baxter (1959) p. 225, Beenken & Berndt (2010) p. 656, Doidge (1950) p. 451, Van Reenen (1995) p. 181, Wood (2006) p. 535, SA, (III)
145. *Sphaerophragmium senegaliae* A.R.Wood, Fabaceae, *Senegalia*, [this publication](#), SA (II, III) [uredinia calidion-like](#)

Pucciniaceae

146. *Dietelia cardiospermi* (Cooke) Berndt & A.R.Wood (= *Aecidium cardiospermi* Cooke), Sapindaceae, *Cardiospermum*, Berndt & Wood (2012) p. 495, Doidge (1950) p. 454, SA, (I^{III})
- *Dietelia portoricensis* (= *Endophylloides portoricensis* Whet. & Olive), Asteraceae, *Mikania*, Whiteside (1966), Rothwell (1983), Masuka et al. (1998) (as '*Dietella*' sp.), Z, (I^{III}) [this is likely a misidentification of *Endophyllum austroafricana*](#)
147. *Endophyllum austroafricanum* (Henn.) A.R.Wood, Asteraceae, *Mikania*, [this publication](#), SA, (I^{III})
148. *Endophyllum conyzae-scabridae* A.R.Wood (= *Aecidium macowanianum* Thüm., *Endophyllum macowanianum* (Thüm.) A.R.Wood), Asteraceae, *Conyza*, Doidge (1950) p. 459, Wood (2004) p. 667, [this publication](#), A, SA, (I^{III})
149. *Endophyllum dimorphothecae* A.R.Wood & Crous, Asteraceae, *Dimorphotheca*, SA, Wood & Crous (2005a) p. 392, SA, (O, I^{III})
- *Endophyllum elegans* see *Endophyllum rhamni-prinoides*
150. *Endophyllum elytropappi* (Henn.) A.R.Wood & Crous (= *Aecidium elytropappi* Henn.), Asteraceae, *Elytropappus*, *Leysera*, *Pteronia*, *Stoebe*, Doidge (1950) p. 457, Mennicken & Oberwinkler (2004) p. 6, Wood & Crous (2005a) p. 393, SA, (I^{III})
- *Endophyllum macowanianum* see *Endophyllum conyzae-scabridae* and *Endophyllum rhamni-prinoides*
- *Endophyllum macowanii* see *Endophyllum rhamniprinoides*
151. *Endophyllum rhamni-prinoides* (Thüm.) A.R.Wood (= *Aecidium rhamni* J.F.Gmel. f. *rhamni-prinoides* Thüm., Flora 60: 409 (1877) (as *Aecidium rhamni* Pers. f. *rhamni prinoides* Thüm.; *Endophyllum macowanii* Pole-Evans (as '*macowani*'), *Endophyllum elegans* (Dietel) Pole-Evans), Rhamnaceae, *Rhamnus*, Doidge (1950) p. 396, Van Reenen (1995) p. 178, Wood (2004) p. 669, [this publication](#), SA, Z, (O, I^{III})
152. *Endophyllum metalasiae* (Syd. & P.Syd.) A.R.Wood & Berndt (= *Aecidium metalasiae* Syd. & P.Syd.), Asteraceae, *Metalasia*, Berndt & Wood (2012) p. 484, Doidge (1950) p. 460, Wood & Crous (2005a) p. 393, SA, (I^{III})
153. *Endophyllum mpenjatiense* A.R.Wood & Berndt, Malvaceae, *Hibiscus*, Berndt & Wood (2012) p. 490, SA, (I^{III})

154. *Endophyllum nairobiense* (Cummins) A.R.Wood (= *Aecidium nairobiense* Cummins), Verbenaceae, *Lippia*, Wood (2006) p. 535, SA, (I^{III})
155. *Endophyllum osteospermi* (Doidge) A.R.Wood, (= *Aecidium osteospermi* Doidge), Asteraceae, *Chrysanthemoides*, *Osteospermum*, Doidge (1950) p. 460, Morris (1982b) p. 31, Wood (1997) p. 146, Wood (2002b), Wood & Crous (2005a) p. 389, Wood & Crous (2005b), Wood et al. (2004), SA, (O, I^{III})
- *Endophylloides portoricensis* see *Dietelia portoricensis*
156. *Macruropyxis fulva* L.A.Martin, McFarlane & Castl., Poaceae, *Miscanthus*, *Saccharum*, Martin et al. (2017) p. 72, SA, SZ, (II) **known only from urediniospores**
157. **Miyagia pseudosphaeria* (Mont.) Jørst., Asteraceae, *Sonchus*, Mennicken & Oberwinkler (2004) p. 9, SA, (O, II, III)
158. **Puccinia abrupta* Dietel & Holw. var. *partheniicola* (Jackson) Parmelee, Asteraceae, *Parthenium*, Wood & Scholler (2002) p. 327, Evans (1987), SA, (O, I, II, III) **urediniospores only recorded in South Africa**
- *Puccinia absinthii* see *Puccinia tanacetii*
- *Puccinia abutili* see *Puccinia abutilonis*
159. *Puccinia abutilonis* Berk. & Broome (as '*abutili*'), Malvaceae, *Abutilon*, Doidge (1950) p. 400, Gjerum (1995) p. 151, Masuka et al. (1998), Mennicken et al. (2005a) p. 65, N, SA, Z, (O, III)
160. *Puccinia acalyphae* Doidge, Euphorbiaceae, *Acalypha*, Doidge (1950) p. 400, SA, (II, III)
161. *Puccinia advena* Syd., Poaceae, *Oplismenus*, Doidge (1950) p. 400, Ramachar & Cummins (1965) p. 50, SA, (II, III)
162. *Puccinia aecidiiformis* Thüm., Asteraceae, *Microglossa*, Doidge (1950) p. 400, SA, (III)
163. *Puccinia aethiopica* Kalchbr. & Cooke, Labiatae, *Stachys*, Doidge (1950) p. 400, SA, (II, III)
164. *Puccinia afra* G.Winter, Solanaceae, *Lycium*, Doidge (1950) p. 400, Mennicken et al. (2005a) p. 66, Otálora & Berndt (2018), N, SA, (II, III)
165. *Puccinia aframomi* Hansf., Zingiberaceae, *Aframomum*, **this publication**, SA (II, III)
166. *Puccinia africana* Cooke, Asteraceae, *Spilanthes*, Doidge (1950) p. 401, SA, (III) **in the *P. xanthii*/*P. melampodii*/*P. cnici-oleracei* complex**
- *Puccinia agrophila* Syd., Poaceae, *Andropogon*, Cummins (1953) p. 63, SA; (Solanaceae, *Solanum*), Patil & Thirumalachar (1972) (O, I) (II, III) **this is the only record of this species outside of West Africa, its presence in southern Africa requires confirmation. See note under *Aecidium habunguense***
167. *Puccinia alepideae* Doidge, Apiaceae, *Alepidea*, Doidge (1950) p. 401, SA, (III)

168. **Puccinia allii* (DC.) F.Rudolphi, Amaryllidaceae, *Allium*, Doidge (1950), Jørstad (1956), Masuka et al. (1998), SA, Z, (O, I, II, III)
169. *Puccinia amadelpha* Syd., Asparagaceae, *Eucomis*, Doidge (1950) p. 401, SA, (I, II, III)
- *Puccinia amphiphididis* see *Puccinia duthiae*
170. *Puccinia andropogonicola* Har. & Pat., Poaceae, *Cymbopogon*, *Hyparrhenia*, Gjørum (1988a) p. 352, Gjørum (1988b) p. 144, SA, Z, (II, III)
171. *Puccinia andropogonis-hirti* (Maire) Beltrán, Poaceae, *Andropogon*, *Hyparrhenia*, Gjørum (1988a) p. 353, Gjørum (1988b) p. 145, SA, (II, III)
172. *Puccinia antennata* Berndt & Rössel, Cucurbitaceae, *Dactyliandra*, Berndt (2007) p. 152, N, Z, (I, II, III)
173. *Puccinia anthospermi* P.Syd. & Syd., Rubiaceae, *Anthospermum*, Berndt (2009) p. 109, Doidge (1950) p. 401, SA, (III)
174. **Puccinia antirrhini* Dietel & Holw., Scrophulariaceae, *Linaria*, *Antirrhinum*, Doidge (1950), Masuka et al. (1998), Truter & Martin (1971), SA, Z, (O, I, II, III)
- *Puccinia anomala* see *Puccinia hordei*
175. **Puccinia arachidis* Speg., Fabaceae, *Arachis*, Arthur (1962), Gorter (1977), Masuka et al. (1998), Young et al. (1980), SA, Z (II, III)
176. *Puccinia arbor-miraculensis* Berndt, Cucurbitaceae, *Kedrostris*, Berndt (2007) p. 154, SA, (II, III)
177. **Puccinia arechavaletae* Speg., Sapindaceae, *Cardiospermum*, **this publication**, SA, (III)
178. *Puccinia aridariae* Mennicken, W. Maier, Crous & Oberw., Aizoaceae, *Aridaria*, *Mesembryanthemum*, Mennicken et al. (2005c) p. 216, SA, (II, III)
179. *Puccinia aristidae* Tracy var. *chaetariae* Cummins & S.M.Husain, Poaceae, *Aristida*, Cummins & Husain (1966) p. 63, (Doidge (1950) p. 402 misidentified as *Puccinia aristidicola* Henn.), SA, Z; (*Aecidium pupaliae* Prasad, Sharma & Singh, Amaranthaceae, *Pupalia*, Gjørum (1995) p. 152, Singh (1962), SA, Z) (O, I) (II, III)
- *Puccinia aristidicola* see *Puccinia aristidae* var. *chaetariae*
180. *Puccinia arundinellae* Barclay, Poaceae, *Arundinella*, Doidge (1950) p. 402, SA, (II, III)
181. **Puccinia asparagi* DC., Asparagaceae, *Asparagus*, Gorter (1982), SA, (O, I, II, III)
182. ? *Puccinia* cf. *asparagi* DC., Asparagaceae, *Asparagus*, Doidge (1950) p. 402, SA, (III) **only teliospores are reported from South Africa (Doidge 1927) on indigenous host species. Despite cultivation of commercial asparagus for a long time in the region, rust on commercial asparagus was only reported for the first time in 1980**

(Gorter 1982), thus it is possible that an undescribed species of rust fungus is present on indigenous host plants

183. *Puccinia atropae* Mont., Solanaceae, *Withania*, Doidge (1950) p. 402, Masuka et al. (1998), SA, Z, (I, III)
 - *Puccinia aurea* see *Puccinia satyrii*
184. *Puccinia aureocrassa* Gjørum, Poaceae, *Hyparrhenia*, Gjørum (1988b) p. 145, Z, (II, III)
 - *Puccinia austroafricana* see *Puccinia tetragoniae* var. *austroafricana*
185. *Puccinia bakoyana* Pat. & Har., Rubiaceae, *Spermacoce*, Doidge (1950) p. 402, Eboh (1977), Masuka et al. (1998), Z, (I, III)
186. *Puccinia batatas* P.Syd. & Syd. (as '*batatae*'), Convolvulaceae, *Ipomoea*, Doidge (1950) p. 403, SA, (I, III, X)
187. *Puccinia becii* Doidge, Labiatae, *Becium*, Doidge (1950) p. 403, SA, (I, III)
188. *Puccinia behenis* G.H.Oth, Caryophyllaceae, *Silene*, Doidge (1950) p. 403, SA, (O, I, II, III)
189. *Puccinia berkheyaephila* Berndt & A.R.Wood, Asteraceae, *Berkheya*, Berndt (2010) p. 1438, SA, (O, I, III)
190. *Puccinia berkheyicola* Doidge, Asteraceae, *Berkheya*, Berndt (2010) p. 1447, Doidge (1950) p. 403, SA, (II, III, X)
191. *Puccinia blepharidis* Henn., Acanthaceae, *Blepharis*, Doidge (1950) p. 403, Laundon (1963a) p. 37, Masuka et al. (1998), A, N, Z, (I, III, X)
192. *Puccinia borrieriae* P.Syd. & Syd., Rubiaceae, *Spermacoce*, Doidge (1950) p. 403, A, Z, (III)
 - *Puccinia bottomleyae* see *Puccinia unica* var. *bottomleyae*
193. A, *Puccinia brachypodii* G.H.Oth var. *poae-nemoralis* (G.H.Oth) Cumm. & H.C.Greene, (= *Puccinia poarum* Niels, *P. poae-nemoralis* G.H.Oth), Poaceae, *Poa*, Cummins & Greene (1966), Doidge (1950), Jørstad (1956), SA; (aecia on Berberidaceae, not recorded in southern Africa) (O, I) (II, III)
 - *Puccinia bromina* see *Puccinia recondita*
194. *Puccinia bulbostylidis* Doidge, Cyperaceae, *Bulbostylis*, Doidge (1950) p. 404, SA, (II, III)
195. *Puccinia butleri* Syd. & P.Syd., Asteraceae, *Launaea*, Berndt & Uhlmann (2006) p. 167, SA, (II, III)
 - *Puccinia byliana* see *Puccinia lagenophorae*
196. *Puccinia cacao* McAlpine, (= *Uredo rottboelliae* Dietel), Poaceae, *Hemarthria*, *Rottboellia*, Cummins (1953) p. 12, Doidge (1950) p. 469, Gjørum (1988a) p. 355, M, SA, Z; (*Aecidium manilense* Arthur & Cummins, Acanthaceae, not recorded in

- southern Africa), Laundon (1963a) p. 39, Thirumalachar & Narasimhan (1954) (O, I) (II, III)
- *Puccinia calendulae* see *Puccinia lagenophorae*
197. *Puccinia callistea* Syd. & P.Syd., Apocynaceae, *Voacanga*, *Conopharyngia*, Doidge (1950) p. 404, M, (II, III)
- *Puccinia canaliculata* var. *tenuis* see *Puccinia doidgeae*
198. **Puccinia cannae* (G.Winter) Henn., Cannaceae, *Canna*, Van Jaarsveld et al. (2006) p. 113 (as *Puccinia thaliae* Dietel), SA, (II, III) *Uredo cannae* G.Winter is the oldest name available for the rust on *Canna*, therefore *P. cannae* is the correct name to use, and its relationship to *P. thalliae* requires confirmation
199. *Puccinia capensis* Dietel, Iridaceae, *Moraea*, Doidge (1950) p. 404, Jørstad (1956) p. 578, SA, (III, X)
- *Puccinia capensis* Syd. & P.Syd., nom. illegit., Art. 53.1 see *Puccinia feliciae*
 - *Puccinia carbonacea* see *Puccinia abutili*
200. *Puccinia caricina* DC., Cyperaceae, *Carex*, Gjørsum (1999) p. 134, Jørstad (1956) p. 570, SA; (aecia on various plant families, not recorded in southern Africa, autoecious races occur), Wilson & Henderson (1966) p. 232) (O, I) (II, III)
201. *Puccinia caricis-cernuae* Doidge, Cyperaceae, *Carex*, Doidge (1950) p. 404, SA, (II, III)
202. **Puccinia carthami* Corda, Asteraceae, *Carthamus*, Arthur (1962), Masuka et al. (1998), Z (II, III)
203. *Puccinia cephalandrae* Thüm., Cucurbitaceae, *Coccinia*, (*Cucumis*, *Kedrostris*, *Momordica*, *Trochomeria*, *Zehneria*?), Berndt (2007) p. 156, Doidge (1950) p. 404, Gorter (1982), Masuka et al. (1998), SA, Z, (O, I, II, III, X) Berndt (2007) states that collections on genera other than *Coccinia* belong to other rust species, see *P. arbor-miraculensis*, *P. hieroglyphica*, *P. momordicae*, *P. trochomeriae*
204. *Puccinia chaetacanthi* Doidge, Acanthaceae, *Chaetacanthus*, Doidge (1950) p. 405, Laundon (1963a) p. 40, SA, (II, III)
205. *Puccinia chaseana* Arthur & Fromme, Poaceae, *Antheophora*, Gjørsum (1988a) p. 355, B, N, (II, III)
- *Puccinia cichorii* see *Puccinia hieracii*
206. *Puccinia chloridis* Speg., Poaceae, *Chloris*, Doidge (1950) p. 405, Gjørsum (1988a) p. 356, Hennen & Cummins (1956) p. 146, Masuka et al. (1998), M, SA, Z; (*Aecidium brandagei* Peck, Apocynaceae, not recorded in southern Africa), Cummins (1971) p. 350 (O, I) (II, III) Doidge (1927) listed *Puccinia chloridis* Speg. as occurring in South Africa but gave *P. chloridis* Dietel as a synonym. This latter name is actually a synonym of *P. dietelii* Sacc. & Syd. (Cummins 1971) and not *P. chloridis* Speg. The description given in Doidge (1927) fits *P. dietelii* better than *P. chloridis* Speg. Later workers have listed both *P. chloridis* Speg. and

P. dieteli from southern Africa. Specimens need to be re-examined and assigned to the correct rust species

207. **Puccinia chrysanthemi* Roze, Asteraceae, *Chrysanthemum*, Doidge (1950) p. 405, Masuka et al. (1998), M, SA, Z, (II, III, X) Cummins (1978) listed *P. chrysanthemi* as a synonym of *P. tanacetii*, however this has not been followed by other workers. Urediniospores only recorded in southern Africa
208. *Puccinia clanwilliamensis* Berndt, Asteraceae, *Berkheya*, *Cullumia*, Berndt (2010) p. 1445, Berndt (2020) p. 255, SA, (I, II, III)
209. *Puccinia conclusa* Thüm., Cyperaceae, *Cyperus*, *Ficinia*, Jørstad (1956) p. 570, SA, (II, III)
210. *Puccinia contecta* Syd., Asparagaceae, Xanthorrhoeaceae, *Chlorophytum*, *Bulbinella*, Doidge (1950) p. 406, Jørstad (1956) p. 586, SA, (II, III)
- *Puccinia cookei* (= *Puccinia tabernaemontanae* Cooke nom. illegit., Art. 53.1) see *Puccinia tabernaemontanae*
211. *Puccinia cookei* De Toni (= *Puccinia tabernaemontanae* Cooke), Apocynaceae, *Tabernaemontana*, Doidge (1950) p. 428, SA, (O, I, II, III) this needs to be compared with *Puccinia tabernaemontanae* Berk & Broome from Sri Lanka, Doidge (1927) assumed these were the same species
212. **Puccinia coronata* Corda, Poaceae, *Avena*, *Helicotrichon*, *Lolium*, *Poa*, Doidge (1950), Gjørsum (1988a) p. 356, Masuka et al. (1998), Van Niekerk et al. (2001a), Boshoff et al. (2020), SA, Z; (*Aecidium rhamni* Pers., Rhamnaceae, *Rhamnus*, not recorded in southern Africa), Cummins (1971) (O, I) (II, III)
- *Puccinia cryptica* see *Puccinia stoboeae*
213. *Puccinia cucumeris* Henn., Cucurbitaceae, *Cucumis*, Berndt (2007) p. 161, N, (I, II, III)
214. **Puccinia cyani* Pass., Asteraceae, *Centaurea*, Doidge (1950), SA, (O, II, III)
215. **Puccinia cymbopogonis* Mass., Poaceae, *Cymbopogon*, Masuka et al. (1998), Z, (II, III)
216. *Puccinia cynodontis* Lacroix ex Desm., Poaceae, *Cynodon*, Doidge (1950) p. 406, Hennen & Cummins (1956) p. 148, Masuka et al. (1998), N, SA, Z; (*Aecidium plantaginis* Ces., various families, not recorded in southern Africa), Cummins (1971) p. 396 (O, I) (II, III)
217. *Puccinia cyperi* Arthur, Cyperaceae, *Cyperus*, Jørstad (1956) p. 571, SA; (aecia on Asteraceae, not recorded in southern Africa), (O, I) (II, III)
218. *Puccinia cyperi-fastigiati* Doidge, Cyperaceae, *Cyperus*, Doidge (1950) p. 406, SA, (II, III)
219. *Puccinia cyperi-tagetiformis* (Henn.) F.Kern, Cyperaceae, *Cyperus*, Doidge (1950) p. 406, Gjørsum (1990a) p. 6 (as *P. cyperi-tegetiformis*), A, B, M, SA, Z, (II, III)
- *Puccinia cyperi-tagetiformis* var. *africana* see *Puccinia pegleriana*

220. *Puccinia deformans* G.Winter, Montiniaceae, *Montinia*, Doidge (1950) p. 406, SA, (II, III)
221. *Puccinia dehiscens* P.Syd. & Syd., Iridaceae, *Aristea*, *Nivenia*, Doidge (1950) p. 407, Jørstad (1956) p. 578, SA, (II, III)
222. *Puccinia desertorum* Syd. & P.Syd., Convolvulaceae, *Evolvulus*, Doidge (1950) p. 407, Mennicken et al. (2005a) p. 57, N (O, I, II, III)
223. *Puccinia dichondrae* Mont., Convolvulaceae, *Dichondra*, Doidge (1950) p. 407, SA, (III)
224. *Puccinia dieramae* P.Syd. & Syd., Iridaceae, *Dierama*, Doidge (1950) p. 407, SA, (II, III)
225. *Puccinia dietelii* Sacc. & P.Syd., Poaceae, *Chloris*, Gjørsum (1988a) p. 357, Hennen & Cummins (1956) p. 136, M, N, Z; (aecia on Euphorbiaceae, not recorded in southern Africa), Cummins (1963) p. 75) (O, I) (II, III)
226. *Puccinia digitariae* Pole-Evans (= *Uredo digitariaecola* Thüm., *Puccinia oahuensis* Ellis & Everh. misidentified), Poaceae, *Digitaria*, Doidge (1950) p. 420, Masuka et al. (1998), Rey & Garnett (1983, 1985, 1988), Boshoff et al. (2022a) p. 326, N, SA, Z; (aecia on Solanaceae, *Solanum*, life cycle proven by cross-inoculation experiments Boshoff et al. (2022a), SA) (O, I) (II, III) many specimens identified as *Aecidium habunguense* and *A. tubulosum* in southern Africa likely this species, but the aecial stage of this species and *Puccinia penicillariae* are morphologically indistinguishable, molecular data needed to determine to which species these belong
227. *Puccinia digitariae-velutinae* Vienn.-Bourg., Poaceae, *Digitaria*, Masuka et al. (1998), Z, (II, III)
228. *Puccinia dimorpha* P.Syd. & Syd., Rubiaceae, *Rubia*, Doidge (1950) p. 407, SA, (II, III)
229. *Puccinia dimorphothecae* Pole-Evans, Asteraceae, *Dimorphotheca*, Doidge (1950) p. 407, SA, (II, III)
230. *Puccinia dimorphothecae-cuneatae* Berndt, Asteraceae, *Dimorphotheca*, Berndt (2020) p. 248, SA, III.
231. *Puccinia dioscoreae-mundtii* Berndt, A.R.Wood & E.Uhlmann, Dioscoreaceae, *Dioscorea*, Berndt & Uhlmann (2006) p. 168, SA, (II, III)
- *Puccinia dispersa* see *Puccinia recondita*
232. *Puccinia doidgeae* Tabé, Aime & M.Piepenbr. [= *Puccinia canaliculata* (Schwein.) Lagerh. var *tenuis* Doidge], Cyperaceae, *Cyperus*, Doidge (1950) p. 404, Jørstad (1956) p. 570, Masuka et al. (1998), Tabé et al. (2022), N, SA, Z, (II, III)
233. *Puccinia dorsteniae* Lagerh., Moraceae, *Dorstenia*, Lagerheim (1889), A, (I, II) no telia are described, known only from the type specimen. Generic placement is uncertain. Various species of *Aecidium* have been described on the same host genus from elsewhere in Africa, these species need to be compared

- *Puccinia drimiae* see *Puccinia kalchbrenneriana*
- *Puccinia duthiae* see *Puccinia duthiei*
- 234. *Puccinia duthiei* Ell. & Tracy (as '*duthiae*'), (= *Puccinia amphiphididis* Doidge), Poaceae, *Bothriochloa*, *Hyperthelia*, Cummins (1953) p. 36, Doidge (1950) p. 401, Gjørsum (1988a) p. 358, A, SA, Z; (*Aecidium barleriae* Doidge, Acanthaceae, *Barleria*, Doidge (1950) p. 453, Laundon (1963a) p. 18, Narasimhan (1965), Z) (O, I) (II, III)
- *Puccinia duthiei* van der Byl, nom. Illegit., Art. 53.1, see *Puccinia dichondrae*
- *Puccinia eragrostidis-chalcanthae* see *Puccinia pogonathriae*
- 235. *Puccinia eragrostidis-superbae* Doidge, Poaceae, *Eragrostis*, Doidge (1950) p. 408, SA, (II, III)
- 236. *Puccinia eritraeensis* Pazschke, Poaceae, *Andropogon*, *Cymbopogon*, *Hyparrhenia*, *Trachypogon*, Doidge (1950) p. 408, Gjørsum (1988b) p. 147, Masuka et al. (1998), A, M, SA, Z (II, III) *Puccinia eritraeensis* probably only occurs on *Andropogon* and *Hyparrhenia* species (Cummins (1953), specimens listed in Doidge (1950) on *Cymbopogon* and *Trachypogon* possibly belong to other species such as *P. nakanishikii*. Specimens need to be re-examined and assigned to the correct rust species
- 237. *Puccinia estcourtenensis* Gjørsum, Poaceae, *Hyparrhenia*, Gjørsum (1988a) p. 149, Wood (2006) p. 537, SA, (II, III)
- 238. *Puccinia eucomi* Doidge (as '*eucomis*'), Poaceae, *Andropogon*, *Hyparrhenia*, Cummins (1953) p. 45, Doidge (1950) p. 409, Gjørsum (1988b) p. 150, SA, Z, (II, III)
- 239. **Puccinia eupatorii* Dietel, Asteraceae, *Campuloclinium*, Retief et al. (2016), SA, (II, III) this species was deliberately introduced into South Africa for the biological control of *Campuloclinium macrocephalum*
- 240. *Puccinia euphorbiae* Henn., Euphorbiaceae, *Euphorbia*, Doidge (1950) p. 409, SA, (II, III)
- 241. *Puccinia evansii* Henn., Euphorbiaceae, *Acalypha*, Doidge (1950) p. 409, SA, (II, III)
- 242. *Puccinia exanthematica* MacOwan, Crassulaceae, *Crassula*, Doidge (1950) p. 409, SA, (III)
- 243. *Puccinia exhaustiens* Thüm., Oleaceae, *Jasminum*, Doidge (1950) p. 409, Jørstad (1956) p. 589, SA, (III)
- 244. *Puccinia exilis* P.Syd. & Syd. var. *hibisci* Grove, Malvaceae, *Hibiscus*, this publication, SA, (III)
- 245. *Puccinia eylesii* Doidge, Poaceae, *Aristida*, Cummins & Husain (1966) p. 57, Doidge (1950) p. 409, Masuka et al. (1998), SA, Z, (II, III)

246. *Puccinia faceta* Syd., Poaceae, *Olyra*, Gjørum (1988a) p. 359, M, (II, III) **known only from urediniospores in southern Africa**
247. *Puccinia fagarae* Doidge, Rutaceae, *Zanthoxylum*, Doidge (1950) p. 410, Masuka et al. (1998), Z, (III)
248. *Puccinia feliciae* Doidge (as '*P. feliciae* (Syd.) Doidge'), Asteraceae, *Felicia*, Doidge (1950) p. 410, SA, (II, III) ***Aecidium woodianum* Doidge is probably the aecial stage of this rust fungus (Doidge 1927)**
249. *Puccinia feliciicola* Berndt, Asteraceae, *Felicia*, Berndt (2020) p. 249, SA, (O, I, II, III)
250. *Puccinia fragosoana* Beltrán, (= *Uredo schizachyrii* Doidge), Poaceae, *Imperata*, *Schizachyrium*, Doidge (1950) p. 470, N, SA, (II, III)
251. *Puccinia fuirenella* Doidge, Cyperaceae, *Fuirena*, Doidge (1950) p. 410, SA, (II, III)
252. *Puccinia galeniae* Dietel, Aizoaceae, *Aizoon*, *Galenia*, Doidge (1950) p. 410, Laundon (1963b) p. 13, Mennicken et al. (2005c) p. 217, N, SA, (II, III)
253. *Puccinia galerita* Doidge, Lamiaceae, *Hemizygia*, Doidge (1950) p. 410, SA, (III, X)
254. *Puccinia galopinae* Cooke, Rubiaceae, *Galopina*, Doidge (1950) p. 410, SA, (III)
- *Puccinia garkiana* see *Aecidium garkeanum*
255. *Puccinia garstfonteinii* Berndt, Asteraceae, *Berkheya*, Berndt (2010) p. 1443, SA, (I, II, III)
256. *Puccinia gerberae* Pole-Evans, Asteraceae, *Gerbera*, Doidge (1950) p. 410, Masuka et al. (1998), SA, Z, (O, I, II, III)
257. *Puccinia gerbericola* Doidge, Asteraceae, *Gerbera*, Doidge (1950) p. 410, SA, (III)
258. *Puccinia gladioli-crassifolii* Doidge, Iridaceae, *Gladiolus* (?), Doidge (1950) p. 411, SA, (II, III)
259. *Puccinia gnidiae* Doidge, Thymelaeaceae, *Gnidia*, Doidge (1950) p. 411, SA, (II, III, X)
260. ****Puccinia graminis Pers.***, Poaceae, *Agrostis*, *Avena*, *Bromus*, *Cymbopogon* ?, *Dactylis*, *Festuca*, *Hordeum*, *Lolium*, *Polypogon*, *Secale*, *Triticum*, *xTriticosecale*, Doidge (1950) p. 411, Combrink & Truter (1964), Gjørum (1988a) p. 359, Masuka et al. (1998), Pretorius et al. (2015) ; Van Niekerk et al. (2001a), Boshoff et al. (2019a, 2019c), SA, Z; (*Aecidium berberidis* Pers., Berberidaceae, not recorded in southern Africa), Cummins (1971) p. 208, (O, I) (II, III) **Masuka et al. (1998) lists *Cymbopogon citratus* as a host of this rust fungus, however grasses of the Andropogoneae are rarely infected by this rust species (Cummins 1971) and therefore doubt exists as to the correct identification of the host or rust fungus**

261. *Puccinia granularis* Kalchbr. & Cooke, Geraniaceae, *Pelargonium*, Doidge (1950) p. 412, Henderson (1969) p. 380, Jørstad (1956) p. 573, Masuka et al. (1998), Mennicken & Oberwinkler (2004) p. 15, M, SA, Z, (O, I, II, III, X)
- *Puccinia helianthi* see *Puccinia helianthi-mollis*
262. **Puccinia helianthi-mollis* (Schwein.) H.S. Jacks. (= *Puccinia helianthi* Schwein.), Asteraceae, *Helianthus*, Doidge (1950), Masuka et al. (1998), Zazzerini et al. (2005), M, SA, Z, (O, I, II, III)
- *Puccinia helichrysi* see *Puccinia kalchbrenneri*
263. **Puccinia hemerocallidis* Thüm., Xanthorrhoeaceae, *Hemerocallis* cultivars, Mostert et al. (2008), SA, (O, I) (II, III) only uredinia recorded in South Africa
264. *Puccinia hennopsiana* Doidge, Cyperaceae, *Cyperus*, Doidge (1950) p. 412, SA, (II, III)
265. *Puccinia heterospora* Berk. & M.A.Curtis, Malvaceae, *Sida*, Doidge (1950) p. 412, Jørstad (1956) p. 588, Masuka et al. (1998), A, B, M, N, SA, Z, (III, X)
266. **Puccinia hieracii* (Röhl.) H.Mart., (= *Puccinia cichorii* (DC.) Bell., *Puccinia hypochaeridis* Oudem.), Asteraceae, *Cichorium*, *Hypochaeris*, Doidge (1950), Masuka et al. (1998), SA, Z, (O, II, III)
267. *Puccinia hieroglyphica* Berndt, Cucurbitaceae, *Zehneria*, Berndt (2007) p. 164, SA, (O, I, II, III)
268. *Puccinia holosericea* Cooke, Convolvulaceae, *Ipomoea*, Doidge (1950) p. 413, SA, (III, X)
269. **Puccinia hordei* G.H.Oth., (= *Puccinia anomala* Rostr.), Poaceae, *Bromus*, *Hordeum*, *Vulpia*, Cummins (1971) p. 317, Doidge (1950), Gjørsum (1988a) p. 359, Gjørsum (1998) p. 150, Masuka et al. (1998), Van Niekerk et al. (2001b), Mennicken & Oberwinkler (2004) p. 17, SA, Z; (*Aecidium ornithogaleum* Bubak, Asparagaceae, Doidge (1950) p. 460, Cummins (1971), SA), (O, I) (II, III) it is likely that there are a number of taxa amalgamated under *A. ornithogaleum*, and these will prove to belong to other species]
270. **Puccinia horiana* Henn., Asteraceae, *Chrysanthemum*, Gorter (1977), SA, (III)
271. *Puccinia horti-kirstenboschi* Berndt & E.Uhlmann, Asteraceae, *Helichrysum*, Berndt & Uhlmann (2006) p. 157, SA (O, I, III)
272. *Puccinia hoslundiae* Syd. & P.Syd., Lamiaceae, *Hoslundia*, Gjørsum (1995) p. 157, Z, (II, III)
273. *Puccinia hydrocotyles* (Mont.) Cooke, Araliaceae, *Hydrocotyle*, Doidge (1950) p. 413, SA, (O, I, II, III) urediniospores only occur on collections from southern Africa (Doidge 1927)
274. *Puccinia hyparrhenicola* Jørst. & Cummins, Poaceae, *Hyparrhenia*, Gjørsum (1988b) p. 151, Z, (II, III)

275. *Puccinia hyparrheniiphila* Gjørsum, Poaceae, *Hyparrhenia*, Gjørsum (1988b) p. 151, A, Z, (II, III)
276. *Puccinia hyperici* Doidge, Hypericaceae, *Hypericum*, Doidge (1950) p. 413, SA, (I, III)
277. *Puccinia hypoxidis* McAlpine, (= *Puccinia maximiliani* Jørst.), Hypoxidaceae, *Spiloxene*, Jørstad (1956) p. 565, Laundon (1965) p. 38, SA, (II, III, X) [see note under *P. pole-evansii*](#)
278. **Puccinia hyptidis-mutabilis* Mayor, Lamiaceae, *Hyptis*, Jørstad (1956) p. 583, SA, (II, III)
279. *Puccinia imperatae* (Magnus) G.Poirault., (= *Puccinia imperatae* Doidge), Poaceae, *Imperata*, Cummins (1953) p. 48, Doidge (1950) p. 413, SA, (II, III)
 - *Puccinia imperatae* Doidge nom. Illegit., Art. 53.1, see *Puccinia imperatae*
280. *Puccinia inflorescenticola* Pole-Evans, Asteraceae, *Vernonia*, Doidge (1950) p. 413, SA, Z, (III) [Aecidium vernoniae-podocoma](#) may be its aecial stage
 - *Puccinia ipomeae* see *Puccinia batatas*
281. *Puccinia ipomoeae-panduratae* (Schwein.) P.Syd. & Syd., Convolvulaceae, *Ipomoea*, Doidge (1950) p. 414, SA, (I, III, X)
282. **Puccinia iridis* Wallr. ex Rabenh., Iridaceae, *Iris*, Doidge (1950), Masuka et al. (1998), SA, Z; (aecia on Urticaceae, not recorded in southern Africa), Wilson & Henderson (1966) (O, I) (II, III)
283. *Puccinia isoglossae* Doidge, Acanthaceae, *Hypoestes*, Doidge (1950) p. 414, Laundon (1963a) p. 41, SA, (III)
284. *Puccinia junci-oxycarpi* Doidge, Juncaceae, *Juncus*, Doidge (1950) p. 414, SA, (II, III, X)
 - *Puccinia junci* var. *africana* see *Puccinia junci-oxycarpi*
285. *Puccinia kakamariensis* Wakef. & Hansf., Poaceae, *Sporobolus*, Cummins & Greene (1961) p. 275, (as *Puccinia tosta* in Doidge (1950) p. 428), N, SA, (II, III)
286. *Puccinia kalchbrenneri* De Toni var. *kalchbrenneri*, Asteraceae, *Helichrysum*, Berndt & Uhlmann (2006) p. 160, Doidge (1950) p. 414, Gjørsum (1998) p. 151, Mennicken & Oberwinkler (2004) p. 3, SA, Z, (II, III) [Aecidium helichrysi](#) is probably the aecial stage of this rust fungus (Doidge 1927)
287. *Puccinia kalchbrenneri* De Toni var. *valida* Doidge, Asteraceae, *Helichrysum*, Doidge (1950) p. 414, SA, (II, III, X)
288. *Puccinia kalchbrenneriana* De Toni (= *Puccinia drimiae* van der Byl), Asparagaceae, *Drimia*, Doidge (1950) p. 415, p. 408 (as *Puccinia drimiae*), Gjørsum (1998) p. 151, [this publication](#), SA, Z, (O, I, II, III, X)
289. *Puccinia kentaniensis* Pole-Evans, Rutaceae, *Vepris*, Doidge (1950) p. 415, SA, (III)

290. *Puccinia knersvylaktensis* Mennicken, W.Maier, Crous & Oberw., Aizoaceae, *Mesembryanthemum*, Mennicken et al. (2005c) p. 217, SA, (O, I, III)
291. *Puccinia koedoeënsis* Doidge, Asteraceae, *Vernonia*, Doidge (1950) p. 415, SA, (II, III)
292. *Puccinia kraussiana* Cooke, Smilacaceae, *Smilax*, Doidge (1950) p. 415, SA, (O, I, II, III, X) Henderson (1969) stated that *P. kraussiana* was identical to *P. ferruginea* Lév., however Eboh (1989) maintained these two species as distinct with *P. kraussiana* the only species occurring in Africa
293. *Puccinia krookii* Henn., Onagraceae, *Epilobium*, Doidge (1950) p. 415, SA, (I, II, III)
294. *Puccinia kyllingicola* Doidge, Cyperaceae, *Kyllinga*, Doidge (1950) p. 415, SA, (II, III)
- *Puccinia kuehnii* see *Puccinia melanocephalae* (misidentified)
295. **Puccinia lagenophorae* Cooke, (= *Puccinia byliana* Dippen., *Puccinia calendulae* McAlpine), Asteraceae, *Amellus*, *Arctotis*, *Arctotheca*, *Calendula*, *Dimorpotheca*, *Felicia*, *Gazania*, *Nestlera*, *Othonna*, *Senecio*, *Steirodiscus*, *Tripteris*, Morin et al. (2009), Scoller et al. (2011) p. 181, Wager (1972), Wilson et al. (1965), SA, (I, III)
- *Puccinia lemanensis* see *Didymopsorella lemanensis*
296. *Puccinia leonotidicola* Henn., Labiatae, *Leonotis*, Doidge (1950) p. 416, A, M, SA, (II, III) teliospores recorded on type specimen from Angola, otherwise urediniospores only are recorded from southern Africa
297. *Puccinia leptosperma* P.Syd. & Syd., Caryophyllaceae, *Drymaria*, Jørstad (1956) p. 565, SA, (III)
298. *Puccinia le-testui* Maubl., Asteraceae, *Vernonia*, Doidge (1950) p. 416, Masuka et al. (1998), M, Z, (I, III, X)
299. *Puccinia leucadis* P.Syd. & Syd., Labiatae, *Leucas*, Doidge (1950) p. 416, Masuka et al. (1998), SA, Z, (II, III)
300. *Puccinia levis* (Sacc. & Bizz.) Magnus var. *panici-sanguinalis* (Rangel) Ramachar & Cummins, (= *Puccinia rottboelliae* P.Syd. & Syd.), Poaceae, *Hemarthria*, *Rottboellia*, Cummins (1953) p. 49, Doidge (1950) p. 426, Masuka et al. (1998), Ramachar & Cummins (1965) p. 45, N, SA, Z, (II, III) Gjørsum (1988b) reported *Rudbeckia* (Asteraceae) as an aecial host, confirmation of this is required
301. *Puccinia levis* (Sacc. & Bizz.) Magnus var. *tricholaenae* (Syd. & P.Syd.) Ramachar & Cummins (= *Diorchidium tricholaenae* Syd.), Poaceae, *Melinis*, Doidge (1950) p. 396, Masuka et al. (1998), Ramachar & Cummins (1965) p. 44, SA, Z, (II, III)
302. *Puccinia liebenbergii* Doidge, Asteraceae, *Sonchus*, Doidge (1950) p. 416, SA, (I, II, III)
303. *Puccinia lindaviana* Henn., Loganiaceae, *Strychnos*, Doidge (1950) p. 416, SA, (III)

304. *Puccinia lippiicola* Pat. & Har. (= *Puccinia lippiivora* Syd. & P.Syd., *Puccinia natalensis* Dietel & P.Syd. var. *evansii* Doidge), Verbenaceae, *Lippia*, Doidge (1950) p. 416, Jørstad (1956) p. 593, SA, (III, X)
- *Puccinia lippiivora* see *Puccinia lippiicola*
305. *Puccinia loudetiae-superbae* Cummins, Poaceae, *Tristachya*, Cummins (1956) p. 227, A, (II, III)
306. *Puccinia luandensis* P.Syd. & Syd., Labiatae, *Plectranthus*, Doidge (1950) p. 417, SA, (I, II, III)
- *Puccinia luxuriosa* see *Puccinia vilfae* (misidentified)
307. *Puccinia lycii* Kalchbr. subsp. *lycii* (= *Puccinia verwoerdiana* van der Byl), Solanaceae, *Lycium*, Berndt & Uhlmann (2006) p. 175, Doidge (1950) p. 417, 430, Mennicken et al. (2005a) p. 68, Otálora & Berndt (2018), SA, (I, II, III)
308. *Puccinia lycii* Kalchbr. subsp. *bizonata* Berndt, Solanaceae, *Lycium*, Berndt (2009) p. 110, Otálora & Berndt (2018), SA (II, III)
309. *Puccinia macowanii* G.Winter, Asteraceae, *Helichrysum*, Doidge (1950) p. 417, SA, (O, I, III)
310. *Puccinia magnusiana* Körn., Poaceae, *Phragmites*, Doidge (1950) p. 417, Gjørsum (1988a) p. 360, Ritschel et al. (2007) p. 148, M, N, SA; (*Aecidium ranunculacearum* DC., Ranunculaceae, *Ranunculus*, Doidge (1950) p. 462, Cummins (1971) p. 182, SA), (O, I) (II, III, X)
311. **Puccinia malvacearum* Bertero ex Mont., Malvaceae, *Alcea*, *Anisodonteia*, *Malva*, Doidge (1950) p. 417, Masuka et al. (1998), SA, Z, (III, X)
- *Puccinia maximiliani* see *Puccinia hypoxidis*
 - *Puccinia maydis* see *Puccinia sorghi*
312. *Puccinia mcleanii* Doidge, Iridaceae, *Gladiolus*, Doidge (1950) p. 418, SA, (III)
- *Puccinia melanida* see *Puccinia moraeae*
313. **Puccinia melanocephala* Syd. & P.Syd., Poaceae, *Saccharum*, (as *Puccinia kuehnii* (W.Krüger) E.J.Butler (as '*Puccinia kühnii*') in Doidge (1950) p. 415), Gorter (1982), Masuka et al. (1998), SA, Z, (II, III) Gorter (1982) listed *P. kuehnii* (as '*P. kühnii*') as erroneously identified
314. **Puccinia menthae* Pers., Labiatae, *Mentha*, Doidge (1950) p. 418, Jørstad (1956) p. 583, Masuka et al. (1998), Mennicken & Oberwinkler (2004) p. 16, SA, Z, (O, I, II, III)
315. *Puccinia mesembryanthemi* MacOwan, Aizoaceae, *Mesembryanthemum*, Doidge (1950) p. 418, Laundon (1963b) p. 14, Mennicken et al. (2005c) p. 218, N, SA, (O, I, III)
316. *Puccinia miscanthidii* Doidge, Poaceae, *Miscanthus*, Cummins (1953) p. 46, Doidge (1950) p. 419, SA, (II, III)

317. *Puccinia momordicae* Kalchbr., Cucurbitaceae, *Momordica*, Berndt (2007) p. 166, SA, Z, (II, III)
318. *Puucinia monsfontium* Berndt, Asteraceae, *Berkheya*, Berndt (2010) p. 1443, SA, (II, III)
319. *Puccinia monsoniae* (Syd. & P.Syd.) Doidge, Geraniaceae, *Monsonia*, Doidge (1950) p. 419, SA, (II, III)
320. *Puccinia montis-venenosi* Berndt, Rubiaceae, *Galium*, Berndt (2009) p. 108, SA (II, III)
321. *Puccinia moraeae* Henn., (= *Uredo homeriae* Bubák, *Uredo moraeae* Kalchbr.), Iridaceae, *Moraea*, Doidge (1950) p. 419, Jørstad (1956) p. 579, SA, (II, III, X)
322. *Puccinia morganae* Doidge, Cyperaceae, *Cyperus*, Doidge (1950) p. 419, SA, (III)
323. *Puccinia momordicae* Cooke, Cucurbitaceae, *Momordica*, Berndt (2007) p. 167, SA, Z, (II, III)
324. *Puccinia myrsiphylli* (Thüm.) G.Winter (= *Aecidium schlechterianum* Henn.), Asparagaceae, *Asparagus*, Doidge (1950) p. 419, 463, Kleinjan et al. (2004) p. 268, SA, (O, I, II, III)
325. *Puccinia nakanishikii* Dietel, Poaceae, *Cymbopogon*, Cummins (1953) p. 33, Gjærum (1988a) p. 361, M, (II, III)
326. *Puccinia namibiana* Mennicken, W.Maier & Oberw. (= *Aecidium acanthopsidis* Syd. & P.Syd.), Acanthaceae, *Blepharidis*, Mennicken et al. (2005a) p. 56, Doidge (1950) p. 452, Laundon (1963a) p. 16, N, (O, I, III)
327. *Puccinia natalensis* Dietel & P.Syd., Verbenaceae, *Lantana*, Doidge (1950) p. 420, Barreto et al. (1995), SA, (III)
- *Puccinia natalensis* var. *evansii* see *Puccinia lippivora*
328. *Puccinia naufraga* Berndt, Asteraceae, *Helichrysum*, Berndt (2009) p. 101, SA (I, II, III)
- *Puccinia oahuensis* see *Puccinia digitariae*
329. *Puccinia ocimi* Doidge, Labiatae, *Ocimum*, Doidge (1950) p. 420, N, SA, (I, III)
330. *Puccinia oedipus* Cooke, Asteraceae, *Senecio*, Doidge (1950) p. 420, SA, (II, III)
331. **Puccinia oenotherae* Vize, Onagraceae, *Oenothera*, Doidge (1950) p. 420, SA, (II, III, X)
- *Puccinia ornithogali* see *Puccinia kalchbrenneriana*
332. *Puccinia ornithogali-thyrsoides* Dietel, Asparagaceae, *Ornithogalum*, Doidge (1950) p. 421, Masuka et al. (1998), SA, Z, (II, III, X)
- *Puccinia osyridicarpi* (as ‘*osyridocarpi*’) see *Puccinia stonemanniae*
333. *Puccinia othonnae* Doidge, Asteraceae, *Othonna*, Berndt & Uhlmann (2006) p. 164, Doidge (1950) p. 421, SA, (III)

334. *Puccinia othonnoides* Berndt, A.R.Wood & E.Uhlmann, Asteraceae, *Othonna*, Berndt & Uhlmann (2006) p. 166, SA, (II, III)
335. *Puccinia otzeniani* Mennicken, W.Maier, Crous & Oberw., Aizoaceae, *Lampranthus*, Mennicken et al. (2005c) p. 219, SA, (O, I, III)
336. *Puccinia ovamboensis* Mennicken, W.Maier & Oberw., Malpighiaceae, *Triapsis*, Mennicken et al. (2005a) p. 64, N, (II, III)
337. **Puccinia oxalidis* Dietel & Ellis, Oxalidaceae, *Oxalis*, Masuka et al. (1998), SA, Z; (aecial stage on Berberidaceae, not recorded in southern Africa) (O, I) (II, III) newly recorded in South Africa, PREM 57971, PREM 60616
338. *Puccinia pachycarpi* Kalchbr. & Cooke, Apocynaceae, *Pachycarpus*, Doidge (1950) p. 421, SA, (II, III)
339. *Puccinia pallens* Syd. & P.Syd., Labiatae, *Orthosiphon*, Doidge (1950) p. 421, SA, (III)
- *Puccinia pallida* Massee nom. Illegit., Art. 53.1 see *Puccinia pallens*
340. *Puccinia pegleriana* Doidge, Cyperaceae, *Cyperus*, Doidge (1950) p. 421, SA, (II, III)
- *Puccinia pelargonii* see *Puccinia ganularis*
341. *Puccinia pelargonii-zonalis* Doidge, Geraniaceae, *Pelargonium*, Doidge (1950) p. 421, Masuka et al. (1998), M, SA, Z, (II, III)
342. **Puccinia penicillariae* Speg. (= *Puccinia substriata* Ellis & Barthol. var. *penicillariae* (Speg.) Ramachar & Cummins), Poaceae, *Pennisetum*, Doidge (1950) p. 422, Masuka et al. (1998), Boshoff et al. (2022a) p. 326, N, SA, Z, (aecia on Solanaceae, *Solanum*, Hennings (1903), Doidge (1950) p. 463, De Carvalho et al. (2006), SA, A) (O, I) (II, III) see note about aecial stage under *Puccinia digitariae*
343. *Puccinia pentactina* Doidge, Asteraceae, *Senecio*, Doidge (1950) p. 422, SA, (II, III)
344. *Puccinia pentanisiae* Cooke, Rubiaceae, *Pentanisia*, Doidge (1950) p. 422, SA, (II, III, X)
345. *Puccinia pentanisiae* Cooke var. *pentagynae* Henn., Rubiaceae, *Pentanisia*, Doidge (1950) p. 422, A, (II, III, X)
346. *Puccinia phragmitis* (Schumach.) Tul, Poaceae, *Phragmites*, Doidge (1950) p. 422, Masuka et al. (1998), Parmelee (1963), SA, Z; (*Aecidium rubellum* Pers., Polygonaceae, *Emex*, *Rheum*, *Rumex*, Doidge (1950) p. 422, Jørstad (1956) p. 575, Parmelee (1963), Shivas and Sivasithamparam (1994) p. 33, N, SA, Z), (O, I) (II, III)
347. *Puccinia phyllocladiae* Cooke, (= *Aecidium capense* Berk. & M.A.Curtis), Asparagaceae, *Asparagus*, Doidge (1950) p. 423, Thirumalachar (1947), Wood (2006) p. 537, SA, (O, I, II, III)

348. *Puccinia pienaarii* Pole-Evans, Asteraceae, *Helichrysum*, Doidge (1950) p. 423, SA, (I, III, X)
349. *Puccinia plectranthi* Thüm., Labiatae, *Plectranthus*, Doidge (1950) p. 423, SA, (I, III)
- *Puccinia poarum* see *Puccinia brachypodii* var. *poae-nemoralis*
- *Puccinia poa-nemoralis* see *Puccinia brachypodii* var. *poae-nemoralis*
350. *Puccinia pogonathriae* J.C.F.Hopkins, (= *Puccinia eragrostidis-chalcanthae* Doidge), Poaceae, *Eragrostis*, *Pogonarthria*, Cummins (1971) p. 352, Doidge (1950) p. 408, 423, Masuka et al. (1998), SA, Z, (II, III)
351. *Puccinia pole-evansii* Doidge, Hypoxidaceae, *Hypoxis*, Doidge (1950) p. 423, Laundon (1965) p. 41, SA, (II, III, X) Laundon (1965) separates *P. hypoxidis* and this species on only the presence of paraphyses in *P. pole-evansii*, yet Doidge (1927) did not record paraphyses in the description of this species. In addition, Laundon (1965) considered *Uromyces hypoxidis* likely to be a synonym of *P. pole-evansii*. A revision of the rust fungi on *Hypoxis* is required
352. *Puccinia polycampta* Syd., Asparagaceae, *Chlorophytum*, Xanthorrhoeaceae, *Trachyandra*, Doidge (1950) p. 424, Mennicken & Oberwinkler (2004) p. 2, SA, (I, II, III, X)
353. **Puccinia polygoni-amphibii* Pers., Polygonaceae, *Persicaria*, *Polygonium*, Doidge (1950), SA (*Aecidium sanguinolentum* Lindr., Geraniaceae, not recorded in southern Africa) (O, I) (II, III)
354. **Puccinia polypogonis* Speg., Poaceae, *Polypogon*, Jørstad (1956) p. 576, Gjørnum (1988a), Mennicken & Oberwinkler (2004) p. 23, N, SA, (II, III)
355. **Puccinia polysora* Underw., Poaceae, *Zea*, Gorter (1977), Masuka et al. (1998), SA, Z, (II, III)
- *Puccinia popowiae* see *Puccorchidium popowiae*
356. **Puccinia porri* (Sowerby) G.Winter, Amaryllidaceae, *Allium*, McTaggart et al. (2017), Boshoff et al. (2024), SA, (II, III)
357. *Puccinia pottsii* Doidge, Cyperaceae, *Cyperus*, Doidge (1950) p. 424, SA, (II, III)
358. *Puccinia pretoriensis* Doidge, Rubiaceae, *Pentanisia*, Doidge (1950) p. 424, SA, (III)
359. *Puccinia printziae* Thüm., Asteraceae, *Printzia*, Doidge (1950) p. 424, SA, (III)
- *Puccinia pruni-spinosae* see *Tranzschelia discolor*
- *Puccinia psidii* see *Austropuccinia psidii*
360. *Puccinia pteroniae* Mennicken & Oberw., Asteraceae, *Pteronia*, Mennicken & Oberwinkler (2004) p. 7, N, SA (II, III)
- *Puccinia pulvinata* Massee, nom. illegit., Art. 53.1, see *Puccinia stonemanniae*

361. *Puccinia punctata* Link., Rubiaceae, *Galium*, Doidge (1950) p. 425, SA, (O, I, II, III) **no teliospores recorded from southern Africa**
362. **Puccinia purpurea* Cooke, Poaceae, *Sorghum*, Doidge (1950) p. 425, Masuka et al. (1998), M, SA, Z, (II, III) **it has been proposed that the aecial stage is on *Oxalis* by Le Roux and Dickson (1957) but this needs confirmation**
363. *Puccinia ranulipes* Doidge, Asparagaceae, *Asparagus*, Doidge (1950) p. 425, Masuka et al. (1998), SA, Z, (II, III)
364. *Puccinia rapipes* Berndt & E.Uhlmann, Solanaceae, *Lycium*, Berndt & Uhlmann (2006) p. 173, Otálora & Berndt (2018), Ireland et al. (2019), SA, (O, I, II, III)
365. **Puccinia recondita* Roberge ex Desm., (= *Puccinia bromina* Erikss., *Puccinia dispersa* Erikss. & Henning), Poaceae, *Bromus*, *Hordeum*, *Secale*, Doidge (1950) p. 403, 407, Gjørsum (1988a) p. 361, Masuka et al. (1998), Pretorius et al. (2015), Boshoff et al. (2019c), SA, Z; (*Aecidium clematidis* DC., various families, not recorded in Southern Africa), Cummins (1971), (O, I) (II, III) **Liu et al. (2013) demonstrates that brown rust of wheat is distinct**
- *Puccinia rhynchosiae* see *Uromyces rhynchosiae*
366. *Puccinia rhytidoderma* Berndt (= *Uredo zehneriae* Thüm.), Cucurbitaceae, *Zehneria*, Berndt (2007) p. 169, Doidge (1950) p. 470, SA, (I, II, III)
367. *Puccinia rocherpaniana* Mennicken & Oberw., Asteraceae, *Helichrysum*, Mennicken & Oberwinkler (2004) p. 4, SA, (II, III)
- *Puccinia rottboelliae* see *Puccinia levis* var. *panici-sanguinalis*
368. *Puccinia rufipes* Dietel, Poaceae, *Imperata*, Cummins (1953) p. 26, Doidge (1950) p. 426, SA, Z; (aecia on Acanthaceae, not recorded in Southern Africa), Sundaram (1956) (O, I) (II, III)
- *Puccinia salviae* incorrectly identified, see *Puccinia salviae-runcinatae*
369. *Puccinia salviae-runcinatae* Doidge, Labiatae, *Salvia*, Baxter (1955) p. 228, Doidge (1950) p. 426, SA, (O, I, II, III)
370. *Puccinia satyrii* Syd., (= *Puccinia aurea* G.Winter, Nom illegit.), Orchidaceae, *Ceratendra*, *Disa*, *Pterygodium*, *Satyrium*, Doidge (1950) p. 402, 426, Jørstad (1956) p. 589, **this publication**, SA, (II, III)
371. *Puccinia schlechteri* Henn., Apocynaceae, *Pachycarpus*, Doidge (1950) p. 426, SA, (III)
372. *Puccinia schoenoxiphii* Doidge, Cyperaceae, *Schoenoxiphium*, Doidge (1950) p. 426, Jørstad (1956) p. 572, SA, (III)
373. *Puccinia cf. scirpi* DC., Cyperaceae, *Ficinia*, Berndt & Wood (2012) p. 486, SA, (O, I) (II, III)
374. *Puccinia scleriae-dregeanae* Doidge, Cyperaceae, *Scleria*, Doidge (1950) p. 426, SA, (II, III)

375. **Puccinia sorghi* Schwein., (= *Puccinia maydis* Bereng.), Poaceae, *Zea*, Doidge (1950) p. 418, Dunhin et al. (2004), Le Roux & Dickson (1957), Masuka et al. (1998), N, SA, Z; (*Aecidium peyritschianum* Magnus, Oxalidaceae, *Oxalis*, Dunhin et al. (2004), Pole-Evans (1923b), Wood & Aime (2024) p. 524), (O, I) (II, III, X) *Aecidium oxalidis* was long considered the name for the gametothallus of this species, but it has recently been shown (Wood & Aime 2024) that this is actually the gametothallus of *Uromyces ixiae*
- *Puccinia spermacoces* Berk. & M.A.Curtis, nom. illegit., Art. 53.1, see *Puccinia borrieriae*
376. *Puccinia stellenboschiana* van der Byl, Hypoxidaceae, *Pauridia*, Doidge (1950) p. 427, SA, (II, III)
377. *Puccinia stenotaphri* (Syd. & P.Syd.) Cummins (= *Uredo stenotaphri* Syd. & P.Syd.; *Puccinia stenotaphricola* J.Walker), Poaceae, *Stenotaphrum*, Doidge (1950) p. 470, Walker (1988) p. 118, M, SA, (II, III) under the old rules of nomenclature, *P. stenotaphri* was an illegitimate name as it was based on an asexual morph, however under the new rules this no longer applies. Hall and Rijkenberg (1990) tentatively assigned rust on *Pennisetum cladestinum* to this fungus, but this likely represents a species in the *Puccinia penicillariae*/*P. digitariae* complex
- *Puccinia stenotaphricola* see *Puccinia stenotaphri*
378. *Puccinia stobeae* MacOwan (as ‘*stoboeae*’), Asteraceae, *Berkheya*, Berndt (2010) p. 1439, Doidge (1950) p. 427, SA, (O, I, II, III, X)
379. *Puccinia stobeae* MacOwan var. *woodii* P.Syd. & Syd. (as ‘*stoboeae*’), Asteraceae, *Berkheya*, Berndt (2010) p. 1442, Doidge (1950) p. 427, SA, (I, II, III)
380. *Puccinia stonemanniae* Syd., P.Syd. & Pole-Evans, Santalaceae, *Osyridocapus*, *Thesium*, Doidge (1950) p. 427, Jørstad (1956) p. 591, Mennicken & Oberwinkler (2004) p. 25, SA, (O, I, II, III)
381. **Puccinia striiformis* Westend., Poaceae, *Bromus*, *Secale*, *Triticum*, Gjørsum (1988a) p. 362, Pretorius et al. (1997), Boshoff et al. (2002), Pretorius et al. (2015), Boshoff et al. (2019b), SA, Z, (II, III)
- *Puccinia stylosanthis* see *Uredo stylosanthis*
382. *Puccinia subcoronata* Henn., Cyperaceae, *Cyperus*, Berndt & Wood (2012) p. 488, (SA), (II, III)
- *Puccinia substriata* var. *penicillariae* see *Puccinia penicillariae*
- *Puccinia tabernaemontanae* Cooke, nom. illegit., Art. 53.1, see *Puccinia cookei*
383. *Puccinia tanacetii* DC., (= *Puccinia absinthii* DC.), Asteraceae, *Artemisia*, Doidge (1950) p. 400, Jørstad (1956) p. 569, SA, (O, II, III)
384. *Puccinia tandraaiensis* J.C.F.Hopkins, Acanthaceae, *Thunbergia*, Doidge (1950) p. 428, Laundon (1963a) p. 63, Masuka et al. (1998), Z (I, III)
385. *Puccinia tetragoniae* McAlpine var. *austroafricana* Doidge (= *Puccinia austroafricana* (Doidge) Berndt), Aizoaceae, *Tetragonia*, Doidge (1950) p. 428,

- Laundon (1963b) p. 16, Masuka et al. (1998), Mennicken et al. (2005c) p. 220, Berndt (2009) p. 114, Wood & Aime (2024) p. 524, SA, Z (II, III)
- *Puccinia thaliae* see *Puccinia cannae*
386. *Puccinia thunbergiae* Cooke, Acanthaceae, *Justicia*, *Thunbergia*, Doidge (1950) p. 428, Laundon (1963a) p. 66, SA, (I, III)
- *Puccinia torosa*, **excluded species**
 - *Puccinia tosta* see *Puccinia kakamariensis* (misidentified)
387. *Puccinia tragiae* Cooke, Euphorbiaceae, *Tragia*, Doidge (1950) p. 429, SA, (I, III, X)
388. *Puccinia transvaalensis* Doidge, Cyperaceae, *Cyperus*, Doidge (1950) p. 429, SA, (II, III)
- *Puccinia tricholaenae* see *Puccinia levis* var. *tricholaenae*
389. *Puccinia tristachyae* Doidge, Poaceae, *Tristachya*, Doidge (1950) p. 429, SA; (*Aecidium decipiens* P.Syd. & Syd., Fabaceae, *Sphenostylis*, Doidge (1950) p. 429, Pole-Evans (1923a), SA), (O, I) (II, III, X)
390. **Puccinia tritricina* Erikss., Poaceae, *Triticum*, ×*Triticosecale*, Doidge (1950) p. 429, Masuka et al. (1998), Boshoff et al. (2019c), SA, Z, (O, I) (II, III) **although having been considered a form of *Puccinia recondita* in the past, currently this species is recognised as separate e.g. Visser et al. (2012), Liu et al. (2013), Pretorius et al. (2015)**
391. *Puccinia triraphidis* Gjørum, Poaceae, *Triraphis*, Gjørum (1988a) p. 365, Z, (III)
392. *Puccinia trochomeriae* Cooke, Cucurbitaceae, *Trochomeria*, Berndt (2007) p. 171, SA, (II, III)
393. *Puccinia turgida* P.Syd. & Syd., Solanaceae, *Lycium*, Berndt & Uhlmann (2006) p. 175 (as *P. spinulosa*), Mennicken et al. (2005a) p. 69, Otálora & Berndt (2018), N, (I, II, III)
394. *Puccinia unica* Holw. var. *bottomleyae* (Doidge) Cummins & Husain, (= *Puccinia bottomleyae* Doidge), Poaceae, *Aristida*, Cummins & Husain (1966) p. 60, Doidge (1950) p. 403, Thirumalachar (1947) p. 238, N, SA, (II, III)
395. *Puccinia ursinae* R.G.Shivas, Asteraceae, *Ursinia*, Mennicken & Oberwinkler (2004) p. 11, Shivas (1991) p. 379, SA, (II, III)
396. *Puccinia vangueriae* Doidge, Rubiaceae, *Vangueria*, Doidge (1950) p. 429, SA, (III)
- *Puccinia vernoniae*, **excluded species**
397. *Puccinia vernoniicola* Henn., Asteraceae, *Vernonia*, Doidge (1950) p. 430, SA, (III)
398. *Puccinia versicolor* Dietel & Holw., Poaceae, *Andropogon*, *Heteropogon*, *Hyparrhenia*, *Ischaemum*, *Monocymbium*, *Schizachyrium*, *Sehima*, *Themeda*,

- Cummins (1953) p. 67, Doidge (1950) p. 430, Gjørsum (1988a) p. 367, Gjørsum (1988b) p. 153, Masuka et al. (1998), Wood & Aime (2024) p. 524, A, B, M, N, SA, Z; (*Aecidium plectroniae* Cooke, Rubiaceae, *Afrocanthium*, *Canthium*, *Keetia*, Doidge (1950) p. 461, Thirumalachar & Narasimhan (1950), SA; *Aecidium evansii* Henn., Verbenaceae, *Lantana*, *Lippia*, Doidge (1950) p. 457, Masuka et al. (1998), SA, Z) (O, I) (II, III)
- *Puccinia verwoerdiana* see *P. lycii* subsp. *lycii*
399. *Puccinia vilfae* Arthur & Holw., Poaceae, *Sporobolus*, Cummins & Greene (1961) p. 274, Doidge (1950) p. 417 [as *Puccinia luxuriosa*], SA; (*Aecidium verbenicola* Ellis & Kell., Verbenaceae, not recorded in southern Africa), Cummins & Greene (1961), (O, I) (II, III)
400. *Puccinia violae* (Schumach.) DC., Violaceae, *Viola*, Gjørsum (1995) p. 160, Z, (O, I, II, III)
401. *Puccinia windhoekensis* Mennicken, W.Maier & Oberw., Cucurbitaceae, *Coccinia*, Mennicken et al. (2005a) p. 60, N, (O, I, II, III)
402. *Puccinia woodiana* Doidge, Rubiaceae, *Oldenlandia*, Doidge (1950) p. 430, SA, (III)
- *Puccinia woodii* see *Diorchidium woodii*
403. **Puccinia xanthii* Schwein., Asteraceae, *Helianthus*, *Xanthium*, Masuka et al. (1998), Pretorius et al. (2000b), Ritschel et al. (2007) p. 148, N, SA, Z, (III)
404. **Puccinia xanthii* Schwein. var. *parthenii-hysterophori* Seier, H.C.Evans & Á.Romero, Asteraceae, *Parthenium*, Retief et al. (2013), SA, (III) this species was deliberately introduced into South Africa for the biological control of *Parthenium hysterophorus*
405. *Puccinia zorniae* (Dietel) McAlpine, Fabaceae, *Zornia*, Doidge (1950) p. 430, Jørstad (1956) p. 584, SA, (II, III) uredinia only are recorded from southern Africa
406. *Puccinia* sp., Aizoaceae, *Sceletium*, Crous et al. (1999) p. 234, Mennicken et al. (2005c) p. 220, SA, (II, III) see Mennicken et al. (2005c) for discussion of taxonomy
407. *Pucciniosira anthocleista* (Henn.) Henn., Gentianaceae, *Anthocleista*, Wood (2006) p. 539, SA (O, I^{III})
408. *Pucciniosira dissotidis* (Cooke) Wakef., Melastomataceae, *Dissotis*, Doidge (1950) p. 431, Van Reenen (1995) p. 179, A, SA, (I^{III})
409. *Uromyces albucae* Kalchbr. & Cooke, Asparagaceae, *Albuca*, Lagerheim (1889), Doidge (1950) p. 435, A, SA, (II, III)
- *Uromyces alchemillae* see *Trachyspora intrusa*

410. *Uromyces aloës* (Cooke) Magnus, Xanthorrhoeaceae, *Aloe*, *Haworthia*, Doidge (1950) p. 435, Gjørnum (1995) p. 162, Masuka et al. (1998), Putterill (1918), Sato et al. (1980), Thirumalachar (1946b), A, SA, Z, (O, III)
411. *Uromyces alysicarpi* Wakef. & Hansf., Fabaceae, *Alysicarpus*, Doidge (1950) p. 436, Masuka et al. (1998), Wakefield & Hansford (1949) p. 169, SA, Z, (II, III)
412. *Uromyces anomathecae* Cooke, Iridaceae, *Freesia*, Doidge (1950) p. 436, Jørstad (1956) p. 579, SA, (O, I, II, III)
413. *Uromyces antholyzae* Syd. & P.Syd., Iridaceae, *Tritoniopsis*, Doidge (1950) p. 436, Henderson (1969) p. 381, SA, (II, III)
414. **Uromyces appendiculatus* (Pers.) Steud., Fabaceae, *Phaseolus*, *Vigna*, Doidge (1950), Masuka et al. (1998), SA, Z, (O, I, II, III)
415. *Uromyces archerianus* Arthur & Fromme, (= *Uromyces chloridis* Doidge), Poaceae, *Chloris*, Doidge (1950) p. 439, Hennen & Cummins (1956) p. 155, N, SA, (II, III)
416. *Uromyces argyrolobii* Doidge, Fabaceae, *Argyrolobium*, *Sesbania*, Doidge (1950) p. 437, Masuka et al. (1998), SA, Z, (II, III)
- *Uromyces babianae* see *Uromyces ixiae*
417. *Uromyces badius* Syd., Amaryllidaceae, *Haemanthus*, Doidge (1950) p. 437, Laundon (1965) p. 47, SA, (O, I, II, III)
418. *Uromyces barbeyanus* Henn., Anacardiaceae, *Searsia*, Doidge (1950) p. 437, SA, (II, III)
419. **Uromyces betae* (Pers.) Tul., Amaranthaceae, *Beta*, Doidge (1950), SA, (O, I, II, III)
420. **Uromyces bidenticola* (Henn.) Arthur, Asteraceae, *Bidens*, Berndt & Uhlmann (2006) p. 168, Doidge (1950) p. 437 (as *U. bidentis*), Masuka et al. (1998), SA, Z, (O, II, III) Doidge (1927) incorrectly identified the *Bidens* rust fungus in South Africa as *U. bidentis* Lagerh., this species is however microcyclic, only producing teliospores (Arthur 1917), whereas the South African material has only urediniospores. The correct identity was given by Berndt and Uhlmann (2006)
- *Uromyces bidentis* see *Uromyces bidenticola* misidentified
421. *Uromyces bolusii* Massee, (= *Uromyces ventosa* Syd.), Fabaceae, *Aspalathus*, Doidge (1950) p. 438, 451, Wood (2006) p. 541, SA, (III)
- *Uromyces bonae-spei* see *Uromyces zeyheri*
422. *Uromyces bulbinus* Thüm. (as '*U. bulbinis*' in Doidge (1950), Xanthorrhoeaceae, *Bulbine*, Doidge (1950) p. 438, SA, (III)
423. *Uromyces bylianus* Doidge, Liliaceae undet., (*Chlorophytum* ?), Doidge (1950) p. 438, SA, (III)
424. *Uromyces capensis* Doidge, Onagraceae, *Oenothera*, Doidge (1950), SA, (II, III) the status of this species is not clear, it was described from South Africa on an

introduced weed (evening primrose, native to North America), but is morphologically very similar to *Uromyces plumbarius* Peck. from North America. It differs only in having verrucose ornamentation on the teliospores, which are smooth in the American rust. This may be a doubtful species

- *Uromyces caryophyllinus* see *Uromyces dianthi*
- 425. *Uromyces cassiae-mimosoidis* (Doidge) Doidge, Fabaceae, *Chaemaecrista*, Doidge (1950) p. 438, SA, (II, III)
- 426. *Uromyces chaetobromi* Gjærum, Poaceae, *Chaetobromus*, Gjærum (1988a) p. 371, Mennicken & Oberwinkler (2004) p. 18, SA, (II, III)
- 427. *Uromyces* cf. *chenopodii* J.Schröt., Amaranthaceae, *Kochia*, Jørstad (1956) p. 566, SA, (O, I, II, III) *only aecia recorded in southern Africa*
- *Uromyces chloridis* see *Uromyces archerianus*
- 428. *Uromyces circinalis* Kalchbr. & Cooke, Asparagaceae, *Ledebouria*, Doidge (1950) p. 439, N, SA, (III)
- 429. *Uromyces clignyi* Pat. & Har., Poaceae, *Andropogon*, *Diheteropogon*, Doidge (1950) p. 439, Gjærum (1988a) p. 372, Hennen (1965) p. 104, N, SA; (aecia on Asparagaceae, *Chlorophytum*, and Amaryllidaceae, *Crinum*) (O, I) (II, III) *Aecidium hartwegiae* and *Aecidium crini* were associated with this species (Narasimhan & Thirumalachar 1966, Patil & Thirumalachar 1969), but these may also be the aecial stage of *U. pedicellatus*. Further investigation is necessary
- 430. *Uromyces clignyioides* Gjærum, Poaceae, *Monocymbium*, Gjærum (1988a) p. 373, Z, (II, III)
- 431. *Uromyces clutiae* Kalchbr. & Cooke (as '*chlytiae*'), Euphorbiaceae, *Clutia*, Doidge (1950) p. 439, Jørstad (1956) p. 573, SA (II, III)
- 432. *Uromyces commelinae* Cooke, Commelinaceae, *Commelina*, Doidge (1950) p. 439, Gjærum (1995) p. 162, Masuka et al. (1998), N, SA, Z; (*Aecidium mexicanum* Dietel & Holw., Vitaceae, not recorded in southern Africa), Cummins (1963), Patil & Thirumalachar (1968) (O, I) (II, III) *Patil and Thirumalachar (1968) suggest that Aecidium cissigenum and A. vitis (both recorded in the region) may be the aecial stage of Uromyces commelinae in Africa. This needs to be confirmed*
- 433. *Uromyces comptus* P.Syd. & Syd., Convolvulaceae, *Merremia*, Doidge (1950) p. 439, Mennicken et al. (2005a) p. 59, N, (O, I, II, III)
- 434. *Uromyces crotalariae* (Arthur) J.W.Baxter, (= *Uromyces harmsianus* Doidge), Fabaceae, *Crotalaria*, Baxter (1962) p. 437, Doidge (1950) p. 443, SA (II, III)
- 435. *Uromyces cypericola* Gjærum, Cyperaceae, *Cyperus*, Berndt & Wood (2012) p. 488, SA, (II, III)
- 436. *Uromyces dactyloctenii* Wakef. & Hansf., Poaceae, *Dactyloctenium*, Ritschel et al. (2007) p. 149, N, (II, III)
- *Uromyces delagoensis* see *Uromyces ixiae*

437. **Uromyces dianthi* (Pers.) Niessl, (= *Uromyces caryophyllinus* (Schrank) J.Schröt.), Caryophyllaceae, *Dianthus*, Doidge (1950) p. 438, Masuka et al. (1998), SA, Z; (aecia on Euphorbiaceae, not recorded in southern Africa) (O, I) (II, III)
438. *Uromyces dieramatis* Doidge, Iridaceae, *Dierama*, Doidge (1950) p. 440, Jørstad (1956) p. 579, SA, (II, III)
439. *Uromyces dinteri* Mennicken, W.Maier & Oberw., Zygothylaceae, *Tetraena*, Mennicken et al. (2005b) p. 40, N, (II, III) *Mennicken et al. (2005b) considered Uredo zygothylli Henn. as the uredinial anamorph, however Berndt (2009) disagreed and kept these apart*
- *Uromyces dolicholi* see *Uredo cajani*
440. *Uromyces drimiopsidis* Doidge, Asparagaceae, *Drimiopsis*, Doidge (1950) p. 440, SA, (II, III)
- *Uromyces ecklonii* see *Uromyces ixiae*
441. *Uromyces eclipsis* Berndt, Zygothylaceae, *Zygothyllum*, Berndt (2009) p. 111, SA, (I, III)
442. *Uromyces ehrhartae-giganteae* Doidge (= *Uredo ehrhartae-calycinae* Doidge) Poaceae, *Ehrharta*, Doidge (1950) p. 440, 467, Mennicken & Oberwinkler (2004) p. 19, SA, (II, III)
443. *Uromyces eragrostidicola* Gjørum, Poaceae, *Eragrostis*, Gjørum (1988a) p. 374, Z, (II, III)
- *Uromyces eragrostidis* see *Uromyces pedicellatus*
444. *Uromyces eriospermi* Kalchbr. & Cooke, Asparagaceae, *Eriospermum*, Doidge (1950) p. 440, Masuka et al. (1998), SA, Z, (O, I, II, III)
445. *Uromyces ermelensis* Doidge, Fabaceae, *Indigofera*, Doidge (1950) p. 441, SA, (III)
446. **Uromyces euphorbiae* Cooke & Peck, (= *Uromyces proeminens* (DC.) Lév.), Euphorbiaceae, *Euphorbia*, Doidge (1950) p. 441 (as *Uromyces euphorbiicola* (Burk. & M.A.Curtis) Tranzschel), 447, Gjørum (1995) p. 163, Jørstad (1956) p. 573, Masuka et al. (1998), M, SA, Z, (O, I, II, III)
- *Uromyces euphorbiicola* see *Uromyces euphorbiae*
447. *Uromyces euryopsidicola* A.R.Wood & M.Scholler, Asteraceae, *Euryops*, Wood & Scholler (2005) p. 138, SA (III)
- *Uromyces fabae* see *Uromyces viciae-fabae*
448. *Uromyces ferrariae* Doidge, Iridaceae, *Ferraria*, Doidge (1950) p. 441, Masuka et al. (1998), Z, (O, I, II, III)
449. *Uromyces fiorianus* Sacc., Apiaceae, *Peucedanum*, Doidge (1950) p. 442, SA, (II, III)
- *Uromyces freesiae* see *Uromyces transversalis*

450. *Uromyces geranii* (DC.) G.H.Ott & Wartm., Geraniaceae, *Geranium*, Gjerum (1995) p. 164, Z, (O, I, II, III)
 - *Uromyces geissorhizae* see *Uromyces ixiae*
 - *Uromyces gladioli* see *Uromyces ixiae*
451. *Uromyces greenstockii* Doidge, Convolvulaceae, *Ipomoea*, Doidge (1950) p. 442, SA, (III)
 - *Uromyces harmsianus* see *Uromyces crotalariae*
452. *Uromyces hessii* R, Berndt, Araceae, *Zantedeschia*, Berndt (2020) p. 252, A, (II, III)
453. *Uromyces heteromorphae* Thüm., Apiaceae, *Heteromorpha*, *Peucedanum*, Doidge (1950) p. 443, SA, (II, III)
454. *Uromyces hobsonii* Vize. (as 'hobsoni'), Oleaceae, *Jasminum*, Thirumalachar (1939), Doidge (1950) p. 443, SA, (O, I, III)
455. *Uromyces holci* Jørst., (= *Uromyces schismi* Jørst.), Poaceae, *Holcus*, *Karoochloa*, *Schismus*, *Tribolium*, Cummins (1971) p. 497, Jørstad (1956) p. 577, Mennicken & Oberwinkler (2004) p. 22, N, SA, (II, III)
456. *Uromyces holubii* Doidge, Liliaceae undet., (*Dracaena* ?), Doidge (1950) p. 443, Z, (III)
457. *Uromyces hyparrheniae* Gjerum, Poaceae, *Hyparrhenia*, Gjerum (1988b) p. 156, A, (II, III)
458. *Uromyces hyparrhenicola* Gjerum, Poaceae, *Hyparrhenia*, Gjerum (1988b) p. 156, SA, (II, III)
 - *Uromyces hyperici-frondosi* see *Uromyces triquetrus*
459. *Uromyces hypoestis* Tarr & G.F Laundon, (as 'hypoëstis') (= *Uredo ecteinanthi* Kalchbr., *Uredo hypoestis* (Cooke) De Toni), Acanthaceae, *Hypoëstes*, *Issoglossa*, *Justicia*, Doidge (1950) p. 467, Gjerum & Reid (1998) p. 290, Jørstad (1956) p. 564, Laundon (1963a) p. 73, 81, Masuka et al. (1998), SA, Z, (O, I, II, III)
460. *Uromyces hypoxidis* Cooke, Hypoxidaceae, *Hypoxis*, Doidge (1950) p. 443, Laundon (1965) p. 41, SA, (II, III)
461. *Uromyces inaequialtus* Lasch., Caryophyllaceae, *Silene*, Doidge (1950) p. 444, SA, (O, I, II, III) *uredinia and telia only recorded from southern Africa*
462. *Uromyces ipomoeae* (Thüm.) Berk., Convolvulaceae, *Ipomoea*, Doidge (1950) p. 444, SA, (I, II, III)
463. *Uromyces ixiae* (Lév.) G.Winter, (= *Uromyces ecklonii* Bubák., *Uromyces gladioli* Henn.), Iridaceae, *Babiana*, *Freesia*, *Ixia*, *Geissorhiza*, *Gladiolus*, *Hesperantha*, *Lapeirousia*, *Melaspheerula*, *Romulea*, *Sparaxis*, *Thereianthus*, Doidge (1950) p. 440, 442, 444, Jørstad (1956) p. 579, Berndt (2020) p. 254, Wood & Aime (2024) p. 3, M, SA; (*Aecidium oxalidis* Thüm., Oxalidaceae, *Oxalis*, Doidge (1950) p. 460,

- Wood & Aime (2024) p. 524, N, SA, SZ), (O, I) (II, III) it has been recently shown that these stages constitute a single heteroecious taxon
464. *Uromyces kentaniensis* Doidge (= *Aecidium antholyzae* Bubák), Iridaceae, *Chasmanthe*, Doidge (1950) p. 444, 453, Wood (2006) p. 542, SA, (O, I, II, III)
 465. *Uromyces kenyensis* J.F.Hennen, Poaceae, *Chloris*, Cummins (1956) p. 158, Gjørsum (1988a) p. 375, Z, (II, III)
 466. *Uromyces krantzbergensis* Doidge, Liliaceae undet., (*Chlorophytum?*), Doidge (1950) p. 445, N, SA, (III)
 467. *Uromyces lachenaliae* Doidge, Asparagaceae, *Lachenalia*, Doidge (1950) p. 444, Jørstad (1956) p. 587, SA, (O, I, II, III)
 - *Uromyces leptodermus* see *Uromyces setariae-italicae*
 468. **Uromyces limonii* (DC.) Lév., Plumbaginaceae, *Limonium*, Doidge (1950), SA, (O, I, II, III) uredinia and telia only recorded from southern Africa
 469. *Uromyces lineolatus* (Desm.) J.Schröt., (= *Uredo scirpi-maritimi* Doidge), Cyperaceae, *Scirpus*, Doidge (1950) p. 470, Jørstad (1956) p. 572, SA (aecia on several host plant families, not recorded in southern Africa), (O, I,) (II, III)
 470. *Uromyces lotononidicola* Berndt, (= *Uredo lotononi* Doidge), Fabaceae, *Lotononis*, Berndt & Uhlmann (2006) p. 170, Doidge (1950) p. 469, SA, (II, III)
 - *Uromyces lugubris* not a rust fungus (Doidge (1950))
 - *Uromyces macowanii* see *Uromyces circinalis*
 471. *Uromyces maireanus* P.Syd. & Syd., Asparagaceae, *Ornithogalum*, Doidge (1950) p. 445, SA, (II, III)
 472. *Uromyces massoniae* Doidge, Asparagaceae, *Massonia*, Doidge (1950) p. 445, SA, (I, II, III)
 473. *Uromyces melantherae* Cooke, Asteraceae, *Melanthera*, Doidge (1950) p. 446, SA, (II, III)
 - *Uromyces melasphaerulae* see *Uromyces ixiae*
 - *Uromyces microsorus* see *Tranzschelia discolor*
 - *Uromyces mimusops* see *Maravalia mimusops*
 474. *Uromyces moraeae* Syd. & P.Syd., Iridaceae, *Moraea*, Doidge (1950) p. 446, Jørstad (1956) p. 582, SA, (II, III)
 475. *Uromyces mucunae* Rabenh., Fabaceae, *Mucuna*, Doidge (1950) p. 446, Masuka et al. (1998) (as *Phakopsora pachyrhizi*), Thirumalachar (1945) p. 308, SA, Z, (O, II, III) according to Ono et al. (1992) *Uromyces mucunae* and *Phakopsora pachyrhizi* are two distinct species
 476. *Uromyces muscari* (Duby) Niessl (= *Uromyces scillarum* (Grev.) G.Winter), Asparagaceae, *Dipcadi*, Arthur (1962), Masuka et al. (1998), Z, (III)

477. *Uromyces namaqualandus* Mennicken, W.Maier & Oberw., Zygomycetaceae, *Zygomycetum*, Mennicken et al. (2005b) p. 41, SA, (III)
478. *Uromyces natalensis* Magnus, Euphorbiaceae, *Euphorbia*, Doidge (1950) p. 446, SA, (O, I, II, III)
479. *Uromyces otaviensis* Mennicken, W.Maier & Oberw., Convolvulaceae, *Ipomoea*, Mennicken et al. (2005a) p. 58, N, (I, III)
- *Uromyces papillatus* see *Uromyces heteromorphae*
 - *Uromyces paradoxus* see *Uredo balsamodendri*
480. *Uromyces paulshoekensis* Mennicken, W.Maier & Oberw., Zygomycetaceae, *Zygomycetum*, Mennicken et al. (2005b) p. 42, SA, (II, III)
481. *Uromyces pedicellatus* Pole-Evans (as '*pedicellata*'), Poaceae, *Coelachyrum*, *Eragrostis*, Doidge (1950) p. 440, Gjerum (1988a) p. 375, Masuka et al. (1998), Wood & Aime (2024) p. 523, B, N, SA, Z, (II, III) *Doidge (1927) reduced this species to a synonym of Uromyces eragrostidis, however molecular data shows these are distinct species (Wood and Aime 2024)*
482. *Uromyces pegleriae* Pole-Evans, Poaceae, *Digitaria*, Doidge (1950) p. 447, Masuka et al. (1998), Ramachar & Cummins (1962), SA, Z, (II, III)
483. *Uromyces pentaschistidis* Gjerum, Poaceae, *Pentaschistis*, Gjerum (1988a) p. 376, Berndt (2009) p. 105, SA, (II, III)
484. *Uromyces polemanniae* Kalchbr. & Cooke, Apiaceae, *Polemannia*, Doidge (1950) p. 447, SA, (II, III)
- *Uromyces polygoni* see *Uromyces polygoni-avicularis*
485. **Uromyces polygoni-avicularis* (Pers.) G.H.Oth (= *Uromyces polygoni* (Rabenh.) Fuckel), Polygonaceae, *Polygonum*, Doidge (1950) p. 447, SA, (O, I, II, III)
486. *Uromyces pretoriensis* Doidge, Commelinaceae, *Commelina*, Doidge (1950) p. 447, Ritschel et al. (2007) p. 149, N, SA, (II, III)
- *Uromyces proëminens* see *Uromyces euphorbiae*
487. *Uromyces pseudarthriae* Cooke, Fabaceae, *Pseudarthria*, Doidge (1950) p. 447, SA, (II, III)
488. *Uromyces psoraleae* Peck, Fabaceae, *Psoralea*, Doidge (1950) p. 448, SA, (O, I, III)
- *Uromyces pulvinatum* see *Uromyces euphorbiae*
489. *Uromyces purpureus* Lagerh., Asparagaceae, host undet., Lagerheim (1889), A, (I, III)
490. *Uromyces quagafonteinus* Mennicken & Oberw., Poaceae, *Ehrharta*, Mennicken & Oberwinkler (2004) p. 21, SA, (II, III)
491. *Uromyces rhodesicus* Wakef., Fabaceae, *Bauhinia*, Doidge (1950) p. 448, Masuka et al. (1998), Z, (III)

- *Uromyces rhynchosiae* see *Uredo rhynchosiae* Kalchbr. **Nom. inval., Art. 39.1 (Melbourne)**
- *Uromyces romuleae* see *Uromyces ixiae*
- *Uromyces romouleae* see *Uromyces ixiae*
- 492. **Uromyces rumicis* (Schumach.) G.Winter, Polygonaceae, *Rumex*, *Emex*, Doidge (1950) p. 448, Masuka et al. (1998), Morris (1982a), SA, Z, (II, III)
- 493. *Uromyces saginatus* Syd., Asparagaceae, *Urginea*, Doidge (1950) p. 449, Masuka et al. (1998), N, Z, (III)
- *Uromyces schismi* see *Uromyces holci*
- 494. *Uromyces schinzianus* Henn., (= *Uromyces tylosemae* Gjærum), Fabaceae, *Piliostigma*, Doidge (1950) p. 449, Cummins (1945), Gjærum (1990b), M, (II, III) this species was originally described only from urediniospores from a specimen collected in Mozambique. Cummins (1945) provided an English description of the teliospores from a specimen collected in Uganda. Gjærum (1990b) gave a new name for this species, correct at the time but under the new nomenclature rules the original name is now valid
- *Uromyces scillarum* see *Uromyces muscari*
- 495. *Uromyces setariae-italicae* Yoshino, (= *Uromyces leptodermus* P.Syd. & Syd.), Poaceae, *Bracharia*, *Panicum*, *Setaria*, *Urochloa*, Cummins (1971) p. 448, Doidge (1950) p. 445, 449, Masuka et al. (1998), Ramachar & Cummins (1962), M, N, SA, Z; (*Aecidium brasiliense* Dietel, Boraginaceae, not recorded in southern Africa), Narasimhan & Thirumalachar (1964), (O, I) (II, III) **urediniospores only recorded from southern Africa**
- 496. *Uromyces silksvleyensis* Mennicken & Oberw., Orchidaceae, *Bartholina*, Mennicken & Oberwinkler (2004) p. 16, SA, (III)
- 497. *Uromyces sparaxidis* Syd. & P.Syd., Iridaceae, *Tritonia*, Doidge (1950) p. 449, SA, (II, III) Doidge (1948b) states that the identity of the type host is questionable. In the original description by the Sydows, the host was listed as *Sparaxis lineata*, the current name for which is *Sparaxis tricolor* (Schneev.) Ker Gawl. (= *S. lineata* Sweet). This species is limited to the Bokkeveld Escarpment near Nieuwoudtville, and therefore can't be the type host. However, there is another plant that went by this name, *Sparaxis lineata* (Salisb.) Pax, an illegitimate name, currently known as *Tritonia gladiolaris* (Lam.) Goldblatt & J.C.Manning. This species is widespread, included within its distribution KwaZulu-Natal from where the type specimen collected by J. Medley Wood originated. This is likely the identity of the type host. This plant is also known as a host of *Uromyces transversalis*, and these rust species may be synonymous
- 498. *Uromyces stellenbossiensis* van der Byl, Asparagaceae, *Urginea*, Doidge (1950) p. 449, SA, (II, III) **Nom. illegit., original description in English only, this taxon requires correcting**

499. *Uromyces strauchii* Doidge, Euphorbiaceae, *Clutia*, Doidge (1950) p. 449, SA, (I, III)
500. **Uromyces striatus* J.Schröt., Fabaceae, *Medicago*, Doidge (1950), Lamprecht & Knox Davies (1984), Masuka et al. (1998), SA, Z; (aecia on Euphorbiaceae, not recorded in southern Africa) (O, I) (II, III)
501. *Uromyces strumariae* A.R.Wood, Amaryllidaceae, *Strumaria*, Wood (2002a) p. 217, SA, (O, I, II, III)
502. *Uromyces stylochitonis* Doidge, Araceae, *Stylochaeton*, Doidge (1950) p. 450, SA, (O, I, III)
503. *Uromyces tenuiculis* McAlpine, Poaceae, *Sporobolus*, Cummins & Greene (1961) p. 280, Doidge (1950) p. 450, Masuka et al. (1998), SA, Z, (II, III)
- *Uromyces tragi* Wakef. & Hansf., Poaceae, *Tragus*, Cummins (1971) p. 469, SA, (II, III) this African species is listed by Cummins (1971) as occurring from Uganda and Kenya to South Africa. No other references to its occurrence in southern Africa have been found. This species has therefore been provisionally included in the list until such time as its presence can be confirmed. Its host plant is widespread throughout the region
504. *Uromyces transversalis* (Thüm.) G.Winter, (= *Uromyces freesiae* Bubak.; *Uromyces watsoniae* P.Syd. & Syd.), Iridaceae, *Freesia*, *Gladiolus*, *Tritonia*, *Watsonia*, Doidge (1950) p. 442, 450, Jørstad (1956) p. 582, Masuka et al. (1998), Beilharz et al. (2001), Ferreira & Rijkenberg (1989, 1990, 1991), Ferreira et al. (1990), Peterson & Berner (2009), M, SA, Z, (II, III)
505. *Uromyces trichoneurae* Doidge, Poaceae, *Trichoneura*, Doidge (1950) p. 450, Hennen & Cummins (1956) p. 154, SA, (II, III)
506. **Uromyces trifolii* Fuckel, Fabaceae, *Trifolium*, Masuka et al. (1998), Cummins (1978), Z, (III) Walker (1978) puts forward the case for this name as correct for the microcyclic species
507. **Uromyces trifolii-repentis* (Castagne) Liro, Fabaceae, *Trifolium*, Doidge (1950), Mills (1986), SA, (O, I, II, III) incorrectly identified as *U. trifolii* in Doidge (1950), the application of names has been confusing in the past
508. *Uromyces triquetrus* Cooke, [= *Uromyces hyperici-frondosi* (Schw.) Arthur], Hypericaceae, *Hypericum*, Doidge (1950) p. 443, Masuka et al. (1998), Z, (I, II, III)
509. *Uromyces trollipii* Kalchbr. & MacOwan (as 'trollopi'), Zygophyllaceae, *Zygophyllum*, Doidge (1950) p. 451, Mennicken et al. (2005b) p. 44, SA, (II, III) of the 2 specimens listed in Doidge (1950), the one from Namibia is now the type of *U. dinteri*
- *Uromyces urgines* see *Puccinia kalchbrenneri*
510. *Uromyces valerianae* (Schumach.) Fuckel, Caprifoliaceae, *Valeriana*, Doidge (1950) p. 451, SA, (O, I, II, III)
- *Uromyces ventosa* see *Uromyces bolusii*

511. **Uromyces viciae-fabae* (Pers.) J.Schröt. (= *Uromyces fabae* (Grev.) Fuckel), Fabaceae, *Lens*, *Pisum*, *Vicia*, Doidge (1950), Masuka et al. (1998), Tadesse et al. (2004), SA, Z, (O, I, II, III)
512. *Uromyces vignae* Barclay, Fabaceae, *Dolichos*, *Vigna*, Doidge (1950) p. 451, SA, Z, (O, I, II, III)
- *Uromyces watsoniae* see *Uromyces transversalis*
513. *Uromyces zeyheri* Bubák, Iridaceae, *Ixia*, Doidge (1950) p. 451, Jørstad (1956) p. 582, SA, (II, III) this is likely a synonym of *Uromyces ixiae* according to Jørstad (1956)

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514. *Aecidium acalyphicola* Doidge, Euphorbiaceae, *Acalypha*, Doidge (1950) p. 452, SA, (I) Nom. illegit., original description in English only, this taxon requires correcting
515. *Aecidium acanthacearum* Cooke, Acanthaceae, *Chaetacanthus*, *Hypoestes*, *Isoglossa*, Doidge (1950) p. 452, Laundon (1963a) p. 14, SA, (O, I) Laundon (1963a) differentiates the specimen on *Isoglossa* (p. 31), but does not provide a name. The status of these rusts needs to be confirmed with new specimens
- *Aecidium acanthopsidis* see *Puccinia namibiana*
516. *Aecidium albilabrum* Kalchbr., Apiaceae, *Alepidea*, Doidge (1950) p. 452, SA, (I)
517. *Aecidium anceps* Syd. & P Syd., Asteraceae, *Senecio*, Doidge (1950) p. 452, Henderson (1969) p. 378, SA, (O, I)
518. *Aecidium ancylanthi* Henn., Rubiaceae, *Ancylanthos*, Doidge (1950) p. 452, A, (I)
519. *Aecidium antherici* Henn. & Pole-Evans, Asparagaceae, host undetermined, Doidge (1950) p. 453, SA, (O, I)
- *Aecidium antholyzae* see *Uromyces kentaniensis*
 - *Aecidium aroideum* see *Puccinia stylochitonis*
520. *Aecidium aspiliae* Gjerum, Asteraceae, *Aspilia*, Gjerum (1995) p. 146, Z, (I)
- *Aecidium atro-album* see *Aecidium diospyri*
521. *Aecidium australe* Berk., Fabaceae, *Melolobium*, Doidge (1950) p. 453, SA, (I)
522. *Aecidium banketensis* Hopk., Asteraceae, *Vernonia*, Doidge (1950) p. 453, Z, (I)
- *Aecidium barleriae* see *Puccinia duthiae*
523. *Aecidium baumianum* Henn., Rubiaceae, *Afrocanthium*, Doidge (1950) p. 453, A, Z, (I)
524. *Aecidium benguellense* Lagerh., Rubiaceae, *Fadogia*, Lagerheim (1889), Doidge (1950) p. 453, Masuka et al. (1998), A, Z, (O, I)

- *Aecidium berkheyae* incorrect spelling see *Puccinia stoboeae* (= *Aecidium berkleyae*)
- *Aecidium berkleyae* see *Puccinia stoboeae*
- 525. *Aecidium bicolor* Sacc., Ebenaceae, *Diospyros*, Doidge (1950) p. 453, SA, (O, I)
- *Aecidium brideliae* see *Masseella capparis*
- 526. *Aecidium brunsvigiae* Henn. (as '*brunswigiae*'), Amaryllidaceae, *Brunsvigia*, Doidge (1950) p. 454, Laundon (1965) p. 30, SA, (I)
- 527. *Aecidium bulbinis* Henn. & Pole-Evans (as '*bulbines*'), Xanthorrhoeaceae, *Bulbine*, Doidge (1950) p. 454, SA, (I)
- *Aecidium bylianum* see *Puccinia lagenophorae*
- *Aecidium capense* see *Puccinia phyllocladiae*
- *Aecidium cardiospermi* see *Dietelia cardiospermi*
- *Aecidium cephalandrae* see *Puccinia cephalandrae*
- 528. *Aecidium cephalariae* Petr. & Syd., Caprifoliaceae, *Cephalaria*, Doidge (1950) p. 454, SA, (I)
- 529. *Aecidium cissigenum* Welw., Vitaceae, *Cissus*, Lagerheim (1889), Gjørum (1995) p. 146, A, Z (O, I) Patil and Thirumalachar (1968) suggest that this species may be an aecial stage of *Uromyces commelinae*
- 530. *Aecidium clarum* Syd. & P.Syd., Iridaceae, *Ferraria*, Doidge (1950) p. 454, N, (I)
- 531. *Aecidium clematidis-brachiatae* Doidge, Ranunculaceae, *Clematis*, Doidge (1950) p. 454, SA, (O, I)
- 532. *Aecidium clerodendricola* Henn., Verbenaceae, *Clerodendrum*, Doidge (1950) p. 455, A, (I)
- 533. *Aecidium clutiae* Doidge (as '*chuytia*'), Euphorbiaceae, *Clutia*, Doidge (1950) p. 455, SA, (O, I)
- 534. *Aecidium conyzae-pinnatilobatae* P.Syd. & Syd. (= *Aecidium macowanianum* f. *conyzae-pinnatilobatae* Thüm.), Asteraceae, *Conyza*, Doidge (1950) p. 455, SA, (I)
- 535. *Aecidium cookeanum* De Toni, Loranthaceae, Santalanaceae, *Loranthus*, *Viscum*, Doidge (1950) p. 455, Jørstad (1956) p. 588, N, SA, (I)
- 536. *Aecidium corycii* Doidge, Orchidaceae, *Corycium*, Doidge (1950) p. 455, SA, (I)
- 537. *Aecidium crini* Kalchbr., Amaryllidaceae, *Crinum*, *Cyrtanthus*, Doidge (1950) p. 455, A, SA, Z (O, I) this was considered to be the aecial stage of *Uromyces clignyi* (Patil and Thirumalachar 1969), but differed in a phylogenetic analysis (Wood and Aime 2024)
- *Aecidium crypticum* see *Puccinia gerberae*
- 538. *Aecidium cussoniae* Kalchbr., Araliaceae, *Cussonia*, Doidge (1950) p. 456, Gjørum (1995) p. 146, SA, Z, (O, I)

539. *Aecidium davyi* Syd. & P.Syd., Boraginaceae, *Cynoglossum*, Doidge (1950) p. 456, Mennicken & Oberwinkler (2004) p. 14, SA, (I)
- *Aecidium decipiens* see *Puccinia tristachyae*
540. *Aecidium denekiae* Doidge, Asteraceae, *Denekia*, Doidge (1950) p. 456, SA, (I)
541. *Aecidium dielsii* Henn., Fabaceae, *Crotalaria*, *Lebeckia*, Doidge (1950) p. 456, Mennicken & Oberwinkler (2004) p. 14, SA, (I)
542. *Aecidium diospyri* A.L.Sm. (= *Aecidium atro-album* Henn.), Ebenaceae, *Diospyros*, Doidge (1950) p. 456 (as 'albo-atrum'), A, N, SA, (O, I)
543. *Aecidium dipcadi-viridis* Doidge, Asparagaceae, *Dipcadi*, Doidge (1950) p. 456, L, (I)
- *Aecidium dissotidis* see *Pucciniosira dissotidis*
544. *Aecidium doidgei* Syd. & P.Syd., Asparagaceae, *Ledebouria*, Doidge (1950) p. 456, SA, (O, I)
545. *Aecidium dubiosum* Syd. & P.Syd., Asteraceae, *Delairea*, *Senecio*, Doidge (1950) p. 456, Masuka et al. (1998), SA, Z, (O, I)
- *Aecidium elegans* Dietel (nom. illegit., Art. 53.1) see *Endophyllum rhamniprinoides*
 - *Aecidium elytropappi* see *Endophyllum elytropappi*
546. *Aecidium englerianum* Henn. & Lindau, Ranunculaceae, *Clematis*, Doidge (1950) p. 457, SA, (I)
- *Aecidium eriospermi* see *Uromyces eriospermi*
 - *Aecidium evansii* see *Puccinia versicolor*
547. *Aecidium flavidum* Berk. & Broome, Rubiaceae, *Pavetta*, Masuka et al. (1998), Z (I) apart from the lack of spermogonia, this is morphologically similar to *A. transvaaliae* and these are likely one species
548. *Aecidium fluggeae* Doidge, Euphorbiaceae, *Flueggia*, Doidge (1950) p. 457, Gjørum (1995) p. 146, SA, Z, (I)
- *Aecidium flustra*, excluded species, the South African specimen has since been described as *Aecidium woodianum*
549. *Aecidium garckeanum* Henn., Malvaceae, *Hibiscus*, Doidge (1950) p. 457, Tesfaendrias & Swart (2005), N, SA, Z, (I) this name is sometimes considered a synonym of *Puccinia garckiana* Marchal & Steyaert (e.g. Gjørum 1985), however it is invariably found as aecia only, and therefore these two names may represent two separate species. Aecia only recorded in southern Africa
550. *Aecidium gomphostigmae* Doidge, Loganiaceae, *Gomphostigma*, Doidge (1950) p. 457, SA, (O, I)
551. *Aecidium habunguense* Henn., Solanaceae, *Solanum*, Doidge (1950) p. 458, Gjørum (1995) p. 151, Gorter (1977), Masuka et al. (1998), Boshoff et al. (2022a),

- A, N, SA, Z, (O, I) all collections of aecia on *Solanum* species in South Africa have been referred to *A. habunguense*, which is common and widespread. This was incorrectly assumed to be the aecial stage of *Puccinia agrophila* (Patil & Thirumalachar 1972). This is likely the aecial stage of *Puccinia digitariae*, shown by cross-inoculation experiments to produce aecia on *Solanum* (Boshoff et al 2022a). As several closely related *Puccinia* species are known to also have morphologically similar aecia on *Solanum*, further investigation is required to definitively associate this gametothallus with its sporothallus
552. *Aecidium hartwegiae* Thüm., Asparagaceae, *Chlorophytum*, Doidge (1950) p. 458, Laundon (1965) p. 30, SA, Z (O, I) this was considered to be the aecial stage of *Uromyces clignyi* (Narasimhan & Thirumalachar 1966), but may be the aecial stage of *Uromyces pedicellatus* instead
553. *Aecidium helichrysi* Doidge, Asteraceae, *Helichrysum*, Doidge (1950) p. 458, SA, (O, I) this rust fungus is probably the aecial stage of *Puccinia kalchbrenneri* according to Doidge (1927)
554. *Aecidium heliotropiicola* P.H.B.Talbot (as '*helitropicolum*'), Boraginaceae, *Heliotropium*, Doidge (1950) p. 458, SA, (I)
- *Aecidium hibisci* see *Aecidium garckeanum*
555. *Aecidium hoffmannii* P.Syd. & Syd., Asteraceae, *Conyza*, Sydow & Sydow (1924), Gjørum (1998), Masuka et al. (1998), A, Z, (I)
556. *Aecidium impatientis-capensis* Doidge, Balsaminaceae, *Impatiens*, Doidge (1950) p. 458, SA, (O, I)
557. *Aecidium incertum* Syd. & P.Syd., Asteraceae, *Senecio*, Doidge (1950) p. 459, SA, (O, I) this species is morphologically identical to *Puccinia lagenophorae* (= *Aecidium byliana*) but differs in having spermogonia and aecia arranged concentrically around these. It likely represents the aecial stage of an as yet unidentified heteroecious rust species
- *Aecidium ipomoeae* see *Uromyces ipomoeae*
558. *Aecidium jasminicola* Henn., Oleaceae, *Jasminum*, this publication, SA, (I)
559. *Aecidium kakelense* Henn., Euphorbiaceae, *Euphorbia*, Doidge (1950) p. 459, Masuka et al. (1998), A, SA, Z, (O, I)
560. *Aecidium kraussiae* Syd. & P.Syd., Rubiaceae, *Kraussia*, Doidge (1950) p. 459, SA, (I)
561. *Aecidium lebeckiae* Henn., Fabaceae, *Lebeckia*, Doidge (1950) p. 459, N, (O, I)
562. *Aecidium longaense* Henn., Oleaceae, *Jasminum*, Doidge (1950) p. 459, A, (O, I)
- *Aecidium loranthei* see *Aecidium cookeanum*
 - *Aecidium macowanianum* see *Endophyllum conyzaescabridae*
 - *Aecidium macowanianum* f. *conyzae-pinnatilobatae* see *Aecidium conyzae-pinnatilobatae*

- *Aecidium mangaranga* (as ‘*macaranga*’ in Doidge (1950) see *Aecidium crini*
- 563. *Aecidium menyharthii* Henn. (as ‘*menyharthi*’), Fabaceae, *Lonchocarpus*, Doidge (1950) p. 460, M, (I)
- *Aecidium metalasiae* see *Endophyllum metalasiae*
- 564. *Aecidium moggii* Doidge, Asteraceae, *Senecio*, Doidge (1950) p. 460, SA, (O, I)
- *Aecidium myrsiphylli* see *Puccinia myrsiphylli*
- *Aecidium nairobiannum* see *Endophyllum nairobiannum*
- 565. *Aecidium nestlerae* Doidge, Asteraceae, *Nestlera*, Doidge (1950) p. 460, SA, (I)
- 566. *Aecidium nidorellae* Doidge, Asteraceae, *Nidorella*, Doidge (1950) p. 460, Masuka et al. (1998), SA, Z, (O, I)
- *Aecidium ornamentale* see *Ravanelia macowaniana*
- 567. *Aecidium ornithogaleum* Bubák, Asparagaceae, Doidge (1950) p. 460, Cummins (1971), SA (O, I) this is regarded as the aecial stage of *Puccinia hordei*, but it is likely that there are a number of species misidentified as *A. ornithogaleum*, as specimens are frequently found far distant from any known telial hosts. These may be the aecial stage of other rusts, or possibly endocyclic
- *Aecidium osteospermi* see *Endophyllum osteospermi*
- *Aecidium osyridicarpi* see *Puccinia stonemanniae*
- *Aecidium oxalidis* see *Uromyces ixiae*
- *Aecidium pelargonii* see *Puccinia granularis*
- 568. *Aecidium pentziae-globosae* Doidge, Asteraceae, *Pentzia*, Doidge (1950) p. 461, SA, (I)
- 569. *Aecidium permultum* Syd. & P.Syd., Asteraceae, *Senecio*, Doidge (1950) p. 461, SA, (O, I)
- 570. *Aecidium pienaarii* Doidge, Rubiaceae, *Pavetta*, Doidge (1950) p. 461, Masuka et al. (1998), SA, Z, (I) apart from the lack of spermogonia, this is morphologically similar to *A. transvaaliae* and they are likely one species
- 571. *Aecidium plectranthi* Barclay, Lamiaceae, *Plectranthus*, Doidge (1950) p. 461, Masuka et al. (1998), SA, Z, (O, I)
- 572. *Aecidium plectroniicola* Henn., Rubiaceae, *Psydrax*, Doidge (1950) p. 461, A, (I)
- *Aecidium plectroniae* see *Puccinia versicolor*
- 573. *Aecidium pottsii* Doidge, Euphorbiaceae, *Euphorbia*, Doidge (1950) p. 462, SA, (O, I)
- 574. *Aecidium pretoriensis* Doidge, Rubiaceae, *Oldenlandia*, Doidge (1950) p. 462, SA, (I)
- *Aecidium pupaliae* see *Puccinia aristidae* var. *chaetariae*

575. *Aecidium pycnostachydis* (Kalchbr.) Doidge (as '*pychnostachydis*'), Lamiaceae, *Pycnostachys*, Doidge (1950) p. 462, Masuka et al. (1998), SA, Z, (I)
576. *Aecidium relhaniae* Dippen., Asteraceae, *Relhania*, Doidge (1950) p. 462, SA, (I)
the relationship of this species to *Endophyllum elytropappi* needs to be determined
577. *Aecidium resinicola* (F.Rudolphi) G.Winter (as '*resinaecolum*') (= *Aecidium resinicola* var. *tumefasciens* G.Winter), Fabaceae, *Rafnia*, Doidge (1950) p. 462, SA, (O, I) the only distinguishing character of var. *tumefasciens* is that aecia develop on small galls. Galled and non-galled infections may occur on the same individual host plant (Figure 1F), and therefore this character is not accepted as being taxonomically important, and the variety is not considered valid
 - *Aecidium resinicola* var. *tumefasciens* see *Aecidium resinicola*
578. *Aecidium rhodesicum* Cummins, Asteraceae, *Stomatanthes*, Cummins (1960) p. 32, (Masuka et al. (1998) as *Aecidium* sp. (?)), Z, (O, I)
579. *Aecidium royenae* Cooke & Massee, Ebenaceae, *Diospyros*, Lagerheim (1889), Doidge (1950) p. 462, Masuka et al. (1998), A, SA, Z, (I)
 - *Aecidium schlechterianum* see *Puccinia myrsiphylli*
580. *Aecidium serrae* Syd. & P.Syd., Asteraceae, *Dimorphotheca*, Doidge (1950) p. 463, SA, (O, I)
 - *Aecidium stoboeae* see *Puccinia stoboeae* var. *woodii*
581. *Aecidium talinophilum* P.Syd. & Syd., Portulacaceae, *Talinum*, Doidge (1950) p. 463, N, (I)
582. *Aecidium tetragoniae* Doidge, Aizoaceae, *Tetragona*, Doidge (1950) p. 463, Laundon (1963b) p. 13, SA, (O, I) this is likely the gametothallus of *Puccinia tetragoniae* var. *austroafricana*, both taxa have been observed on the same plants
 - *Aecidium thunbergiae* see *Puccinia thunbergiae*
583. *Aecidium tinneae* Henn., Lamiaceae, *Tinnea*, Doidge (1950) p. 463, A, (I)
 - *Aecidium tubulosum* see *Puccinia substriata*
 - *Aecidium tylophorae* see *Uromyces hobsoni*
 - *Aecidium uleanum* see *Puccinia substriata*
584. *Aecidium urGINEAE* Henn. & Pole-Evans, Asparagaceae, *Urginea*, Doidge (1950) p. 463, SZ, (O, I)
585. *Aecidium vernoniae-monocephalae* Doidge, Asteraceae, *Vernonia*, Doidge (1950) p. 464, SA, (I)
586. *Aecidium vernoniae-podocomae* Doidge, Asteraceae, *Vernonia*, Doidge (1950) p. 464, Masuka et al. (1998), SA, Z, (I)
587. *Aecidium viborgiae* see *Aecidium wiborgiae*
588. *Aecidium vignae* Cooke, Fabaceae, *Sphenostylis*, Doidge (1950) p. 464, SA, Z, (I)

589. *Aecidium vitis* A.L.Sm., Vitaceae, *Cyphostemma*, Doidge (1950) p. 464, Gjørnum (1995) p. 147, Masuka et al. (1998), SA, Z, (O, I) Patil and Thirumalachar (1968) suggest that this species may be an aecial stage of *Uromyces commelinae*
- *Aecidium welwitschii* see *Aecidium royenae*
590. *Aecidium wiborgiae* Henn. (as 'viborgiae'), Fabaceae, *Wiborgia*, Doidge (1950) p. 464, Jørstad (1956) p. 584, SA, (I)
- *Aecidium withaniae* see *Puccinia atropae*
591. *Aecidium woodianum* Doidge, Asteraceae, *Aster*, Doidge (1950) p. 465, SA, (I) this is probably the aecial stage of *Puccinia feliciae* according to Doidge (1927)
- *Uredo africanus* see *Hemileia africana*
 - *Uredo alysicarpi* see *Uromyces alysicarpi*
 - *Uredo ancylanthi* see *Hemileia africana*
592. *Uredo asclepiadis-fruticosae* Doidge (as 'asclepiadis-fruticosi'), Apocynaceae, *Gomphocarpus*, Doidge (1950) p. 465, SA, (II)
593. *Uredo aspalathi* Mennicken & Oberw., Fabaceae, *Aspalathus*, Mennicken & Oberwinkler (2004) p. 13, SA, (II)
- *Uredo aterrima* see *Uromyces ipomoeae*
594. *Uredo augeae* Pole-Evans, Zygophyllaceae, *Augea*, Doidge (1950) p. 465, N, SA, (II)
- *Uredo balsamodendri* see under Phakopsoraceae
 - *Uredo brachylaenae* see *Crossopsora brachylaenae*
 - *Uredo brideliae* (P.Henn. & Pole-Evans) Doidge, (= *Aecidium brideliae* P.Henn. & Pole-Evans), nom. illegit., Art. 53.1 a later homonym of *U. brideliae* Koord., see *Masseëlla capparidis*
595. **Uredo cajani* Syd. & P.Syd., Fabaceae, *Cajanus*, Doidge (1950) p. 440 (as *Uromyces dolicholi* Arthur), Swart et al. (2000) p. 1344, SA, (II) this rust was previously considered a synonym of *Uromyces dolicholi* Arthur, however this is not currently accepted, use of this teleomorph name is now restricted to a rust on *Rhynchosia* in the Americas
596. *Uredo caricis-petitianae* Doidge, Cyperaceae, *Carex*, Doidge (1950) p. 466, SA, (II)
597. *Uredo caricis-rhodesiacae* Gjørnum, Cyperaceae, *Carex*, Gjørnum (1999) p. 134, Z, (II)
598. *Uredo caricis-zuluensis* Gjørnum, Cyperaceae, *Carex*, Gjørnum (1999) p. 135, Z, (II)
599. *Uredo carpodini* Henn., Apocynaceae, *Landolphia*, Doidge (1950) p. 466, A, (II)
- *Uredo cassiae-mimosoidis* see *Uromyces cassiae-mimosoidis*

- *Uredo celastrineae* see *Elateraecium celastrineae*
- *Uredo cephalandrae* see *Puccinia cephalandrae*
- *Uredo clematidis* see *Coleosporium clematidis*
- *Uredo combreticola* see *Phakopsora combretorum*
- *Uredo commelinae* Kalchbr. (as '*commelyneae*') nom. illegit. Art. 53.1 a later homonym of *U. commelinae* Speg., see *Phakopsora tecta*
- *Uredo compositarum* var. *melantherae* see *Uromyces melantherae*
- 600. *Uredo crotalariaicola* Henn., Fabaceae, *Crotalaria*, Doidge (1950) p. 466, A, (II) differing from urediniospores of *Uromyces crotalariae* only in thicker spore wall
- *Uredo cryptolepidis* see *Hemileia cryptolepidis*
- 601. *Uredo cussoniae* Cooke, Araliaceae, *Cussonia*, Doidge (1950) p. 467, SA, (II)
- 602. *Uredo cypericola* Henn., Cyperaceae, *Cyperus*, Doidge (1950) p. 467, SA, Z, (II)
- *Uredo detergibilis* see *Hemileia detergibile*
- *Uredo digitariaecola* see *Puccinia oahuensis*
- 603. *Uredo disae* Van der Byl, Orchidaceae, *Disa*, Doidge (1950) p. 466, SA, (II) producing a systemic infection, surviving dry summers in the pseudobulb
- *Uredo dissotidis* see *Pucciniosira dissotidis*
- *Uredo dissotidis-longicaudae* see *Pucciniosira dissotidis*
- *Uredo dombeyae* see under Phakopsoraceae
- *Uredo dombeyicola* see under Phakopsoraceae
- *Uredo ectadiopsidis* see under Zaghouaniaceae
- *Uredo ecteinanthi* see *Uromyces hypoëstis*
- *Uredo ehrhartae-calycinae* see *Uromyces ehrhartae-giganteae*
- 604. *Uredo eragrostidis-capensis* Gjørø, Poaceae, *Eragrostis*, Gjørø (1988a) p. 369, SA, (II)
- *Uredo evansii* see *Hemileia evansii*
- *Uredo fadogiaae* see *Hemileia fadogiaae*
- *Uredo fuirenae* see *Puccinia fuirenella*
- 605. *Uredo fuirenae-strictae* Gjørø, Cyperaceae, *Fuirena*, Gjørø (1995) p. 161, Z, (II)
- *Uredo gardenia-thunbergiae* see *Hemileia gardeniae-thunbergiae*
- 606. *Uredo gliae* Lindr., Apiaceae, *Notobubon*, Doidge (1950) p. 468, SA, (II)

- *Uredo grewiae* see *Uredopeltis chevalieri* specimens listed under *Uredo grewiae* in Doidge (1950) belong to *Uredopeltis flavae* not *Uredopeltis chavalieri*
- 607. *Uredo grootboschensis* Gjærum, Cyperaceae, *Carex*, Gjærum (1999) p. 136, SA, (II)
- 608. *Uredo guerichiani* Mennicken, W.Maier, Crous & Oberw., Aizoaceae, *Mesembryanthemum*, Mennicken et al. (2005c) p. 221, SA, (II)
- *Uredo harmsiana* see *Uromyces crotalariae*
- *Uredo homeriae* see *Puccinia moraeae*
- 609. *Uredo hyperici-leucoptychodis* Doidge, Hypericaceae, *Hypericum*, Doidge (1950) p. 468, SA, (II)
- *Uredo hypoestis* see *Uromyces hypoëstis*
- 610. *Uredo indigoferae* Doidge, Fabaceae, *Indigofera*, Doidge (1950) p. 468, Masuka et al. (1998), SA, Z, (II)
- *Uredo ixiae* see *Uromyces ixiae*
- 611. *Uredo kaempferiae* Syd. & P.Syd., Zingiberaceae, *Siphonochilus*, Doidge (1950) p. 468, Masuka et al. (1998), M, Z, (II)
- *Uredo kampuluvensis* see *Diorchidium baphiae*
- 612. *Uredo kentaniensis* Gjærum, Cyperaceae, *Carex*, Gjærum (1999) p. 136, SA, (II)
- 613. *Uredo kyllingiae* Henn., Cyperaceae, *Kyllinga*, Masuka et al. (1998), Z, (II)
- 614. *Uredo lieliefontensis* Mennicken, W.Maier, Crous & Oberw., Aizoaceae, *Galenia*, Mennicken et al. (2005c) p. 221, SA, (II)
- *Uredo lepisclinis* see *Puccinia kalchbrenneri*
- *Uredo leucadis* see *Puccinia leucadis*
- *Uredo lonchocapi* see *Angusia lonchocarpi*
- 615. *Uredo longaensis* Henn., Combretaceae, *Combretum*, Doidge (1950) p. 469, A, (II)
- *Uredo lotononi* see *Uromyces lotononidicola*
- *Uredo lucida* see *Hamaspora longissima*
- *Uredo macrosperma* see *Uredinopsis pteridis*
- *Uredo monsoniae* see *Puccinia monsoniae*
- *Uredo moraeae* see *Puccinia moraeae*
- 616. *Uredo myricae* Berndt, Myricaceae, *Myrica*, Berndt (2020) p. 253, SA, (II)
- *Uredo myrsiphylli* see *Puccinia myrsiphylli*
- 617. **Uredo oncidii* Henn. on one occasion intercepted by quarantine services on an imported orchid (*Trichocentrum lanceanum* (Lindl.) M.W.Chase & N.H.Williams,

- = *Oncidium lanceanum* Lindl.) (Doidge (1950). Now known as *Desmosorus oncidii* Ritschel, Oberw. & Berndt.
618. *Uredo otholobii* Berndt, A.R.Wood & E.Uhlmann, Fabaceae, *Otholobium*, Berndt & Uhlmann (2006) p. 170, SA, (II)
 619. *Uredo othonnae* Jørst., Asteraceae, *Othonna*, Jørstad (1956) p. 569, SA, (II)
 - *Uredo pelargonii* see *Puccinia granularis*
 - *Uredo pogonarthrae* see *Puccinia pogonathrae*
 620. *Uredo polygalae* Kalchbr., Polygalaceae, *Polygala*, Doidge (1950) p. 469, SA, (II)
 - *Uredo pretoriensis* see *Puccinia arundinellae*
 621. *Uredo psoraleae-polystictae* Doidge, Fabaceae, *Psoralea*, Doidge (1950) p. 469, SA, (II)
 - *Uredo pycnostachydis* see *Aecidium pycnostachydis*
 622. *Uredo rhoina* Syd. & P.Syd., Anacardiaceae, *Lannea*, Doidge (1950) p. 469, Masuka et al. (1998), SA, Z, (II)
 623. *Uredo rhynchosiae* Kalchbr., Fabaceae, *Eriosema*, *Flemingia*, *Rhynchosia*, Doidge (1950) p. 448, Jørstad (1956) p. 585, N, SA, Z, (II, III) long known as *Uromyces rhynchosiae* Cooke ex Doidge, this is a Nom. inval., Art. 39.1 (Melbourne) as Cooke (1982) did not describe teliospores, and although Doidge (1948a) gave a comprehensive description of urediniospores and teliospores, no latin diagnosis was provided. *Uredo rhynchosiae* Kalchbr. is currently the only validly published name for this species, which awaits proper taxonomic treatment
 - *Uredo rottboelliae* see *Puccinia cacao*
 624. *Uredo sarcocollae* Mennicken, Berndt & Oberwinkler, Penaeaceae, *Saltera*, Mennicken et al. (2003) p. 147, SA (II)
 625. *Uredo satyrii* Massee, Orchidaceae, *Satyrium*, Doidge (1950) p. 469, Jørstad (1956) p. 590, SA, (II) this species is probably conspecific with *Puccinia aurea* G.Winter according to Jørstad (1956)
 - *Uredo schizachyrii* see *Puccinia fragosoana*
 626. *Uredo scirpi-corymbosi* Doidge, Cyperaceae, *Scirpus*, Doidge (1950) p. 470, SA, (II)
 - *Uredo scirpi-maritimi* see *Uromyces lineolatus*
 - *Uredo sekhukhunensis* see *Crossopsora sekhukhunensis*
 - *Uredo sempertecta* see *Uromyces albucae*
 - *Uredo stenotaphri* see *Puccinia stenotaphricola*
 627. *Uredo stylosanthis* Henn., Fabaceae, *Stylosanthes*, Doidge (1950) p. 470, SA, (II) this fungus has been described as *Puccinia stylosanthis* (Henn.) Viégas, however this name is a nom. inval., Art. 39.1 (Melbourne)

- *Uredo tarchonanathi* see *Crossopsora tarchonanathi*
 - *Uredo transversalis* see *Uromyces transversalis*
628. *Uredo trichopterygis-dregeanae* Gjærum, Poaceae, *Trichopteryx*, Gjærum (1988a) p. 370, SZ, (II)
- *Uredo viborgiae* see *Aecidium viborgiae*
 - *Uredo zehneriae* see *Puccinia rhytidioderma*
629. *Uredo zygophyllina* Sacc., Zygomycetaceae, *Zygophyllum*, Mennicken et al. (2005b) p. 45, SA, (II) Berndt (2009) considered this rust to likely be a synonym of *Uredo zygophylli* Henn. described from Egypt
630. *Uredo* sp., Amaranthaceae, *Salsola*, Mennicken & Oberwinkler (2004) p. 12, SA, (II)
631. *Uredo* sp., Cyperaceae, *Pycneus*, Doidge (1950) p. 470, SA, (II)