

Supplementary information

The genus *Ravenelia* (Pucciniales) in South Africa

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Authors: M. Ebinghaus^a, M.J. Wingfield^b, D. Begerow^a, W. Maier^c

Affiliation: ^aAG Geobotanik, Ruhr-Universität Bochum, Germany; ^bForestry and Agricultural Research Institute (FABI), University of Pretoria, South Africa;

^cInstitute for Epidemiology and Pathogen Diagnostics, Julius Kühn-Institut, Federal Research Center for Cultivated Plants, Braunschweig, Germany

Corresponding author: malte.ebinghaus@gmx.de

Table S2. Summary of morphological characteristics of the new and re-typified species including those of the emended species descriptions and new reported *Ravenelia* rusts for South Africa.

Parasite	Uredinia size	Urediniospore size	germpore	paraphyses	Teliospore size	Probasid. cell size	Ornament length	type	No. of cells/ø
<i>R. moloto</i>	(50)100–300(500)	(27)40–55(77) x 6–13	5–6 eq	periphere	(63)75–95(103)	(20)24–28(34) x (12)15–20(26)	1–3	verr.	5–7
<i>R. spinifera</i>	100–600	(13)16–22 x (11)13–16	(4)5–6 eq	periphere	(64)75–95(111)	(21)25–28(34) x (12)15–19(24)	(2)3.5–4.5(6)	spinesc.	5–8
<i>R. molopa</i>	100–600	(23)25–29(33) x 12–15	4–5 eq	periphere	(55)85–100(117)	(27)31–33(36) x (12)14–18(25)	1–1.5(2.5)	verr.	3–7
<i>R. doidgeae</i>	100–300	(20)22–28(36) x 16–19	4–7 eq	periphere	(80)87–95(104)	(21)24–28(33) x (12)14–18(22)	(1)1.5–2.5(3)	verr.	5–8
<i>R. modjadji</i>	100–400	(21)24–28(30) x (9)12–14(16)	5–6 eq	periphere	(64)85–105(124)	(19)25–29(36) x (12)15–19(30)	1–2(3)	verr.	5–8
<i>R. transvaalensis</i>	-	-	-	-	-	-	-	-	-
<i>R. acacia-nigrescentis</i>	100–600	(15)17–20(23) x (11)13–15	4–5 eq	periphere	(63)85–107(112)	30–35 x 15–17.5 29–36 x 13.5–18	none 5–7	- spinesc.	5–6 5–7
<i>R. acaciicola</i>	(100)200–300(400)	(24)28–33(38) x (13)15–19(21)	5–7 eq	periphere	(57)84–98(115)	(15)27–32(35) x (13)16–19(28)	1–2	verr.	4–8
<i>R. pretoriensis</i>	70–250	19–23 x 14–17	(8)10–12 sc	intrasoral	(60)70–95(105)	(20)25–30(36) x (14)17–22(29)	(1)2–3(4)	papill.	5–7
<i>R. modesta</i>	100–200(300)	(17)20–23(27) x (13)15–17(19)	8–12 sc	intrasoral	(70)75–90(123)	(24)28–32(35)	(2)2.5–3.5(5)	spinesc.	(5)6–7(9)
<i>R. dumeti</i>	(50)100–150(240)	12–16 x 9–12	4–6 eq	intrasoral	-	-	-	-	-
<i>R. mesilliana</i>	(100)200–400(500)	14–18	9–12 sc	intrasoral	(66)70–85(102)	(24)28–34(41) x (12)15–19(25)	up to 3.5	papill.	5–7
<i>R. acaciae-arabicae</i>	150–390	22–27 x 18–21	12–15 sc	intrasoral	(62)80–99(110)	(18)23–28 x (16)22–26(32)	(1.5)3–5	spinesc.	5–6
<i>R. inornata</i>	-	-	-	-	104–162	(32)36–50(52) x (12)14–17(19)	1–3	verr.	8–12
<i>R. halsei</i>	(40)60–210	14–17 x 12–14	13–15sc	none	95–120	20–24(28) x (9)11–14(20)	(1)2–2.5(3)	papill.	8–11