

CAROLINE J. VAN DEN HEEDE., RONALD L.L. VIANE, AND MARK W. CHASE, 2003. Phylogenetic analysis of *Asplenium* subgenus *Ceterach* (Pteridophyta: Aspleniaceae) based on plastid and nuclear ribosomal ITS DNA sequences. *American Journal of Botany* 90(3): 481-495

TABLE 1. Taxa, localities, vouchers, chromosome numbers, putative genome formulae, and GenBank accession numbers. CV, MO and TR are abbreviations for Caroline Van den heede, Herbarium Missouri Botanical Garden, and Tadeus Reichstein. Some names of African taxa are still provisional, pending further research. For samples with chromosomes counted, the exact number of quadri-, tri-, bi-, and univalents is given. Counted specimens served as standards to determine the ploidy (indicated by 2x, 3x, 4x, etc.) of the remaining specimens using a flow cytometer (Partec GmbH, Münster, Nordrhein-Westfalen, Germany).

Taxon	Locality	Voucher	Meiotic	Genome formula	GenBank accession No.		
					<i>trnL</i>	<i>rbcL</i>	ITS
<i>Asplenium aureum</i>	Gran Canaria, Los Tilos			JJXX	AY160993	AF538311	
<i>A. aureum</i>	La Palma, Lomo de los Machines			JJXX	AY160995	—	(I) AY165479
				JJXX	—	—	(II) AY165480
<i>A. aureum</i>	Tenerife, Arafo			JJXX	AY160994	—	—
<i>A. ceterach</i>	Cyprus, Kyperounda			JJJJ	AY162334	AF538313	—
<i>A. ceterach</i>	Italy, La Spezia Province, Termine di			JJJJ	AY162335	—	—
<i>A. ceterach</i>	Tenerife, Vilaflor			JJJJ	AY162333	—	AY165486
<i>A. xchasmophilum</i>	Tenerife, Vilaflor			JJJJX	AY162338	—	—
<i>A. xchasmophilum</i>	Tenerife, Vilaflor			JJJJX	AY162339	—	—
<i>A. cordatum</i>	Botswana, Kgatleng Province, Mochudi			CC	AY160963	—	AY165446
<i>A. cordatum</i>	Botswana, Southern Province, Kanye			CC	AY160962	—	—
<i>A. cordatum</i>	Ethiopia, Harerge Province, Jijiga			CC	AY159282	—	AY165440
<i>A. cordatum</i>	Ethiopia, Sidamo Province, Mega			CCC	AY159283	—	—
<i>A. cordatum</i>	Ethiopia, Sidamo Province, Mega			CCCC	AY159284	—	—
<i>A. cordatum</i>	Ethiopia, Sidamo Province, Yabelo			CC	AY159285	—	AY165441
<i>A. cordatum</i>	Namibia, Keetmanshoop District, Karasberge			CCCC	AY160955	—	AY165449
<i>A. cordatum</i>	Namibia, Otjiwarongo District, Kalkfeld			CCCCCC	AY160956	—	—
<i>A. cordatum</i>	Namibia, Otjiwarongo District, Otjiwarongo			CC	AY160957	AF538319	AY165445
<i>A. cordatum</i>	South Africa, N. Cape, Kamieskroon			CCCC	AY159289	—	AY165447
<i>A. cordatum</i>	South Africa, N. Cape, Kamieskroon			CC	AY159290	—	AY165443
<i>A. cordatum</i>	South Africa, W. Cape, Gifberg			CC	AY159287	—	—
<i>A. cordatum</i>	South Africa, W. Cape, Groot Swartberg			CC	AY159292	—	AY165444
<i>A. cordatum</i>	South Africa, W. Cape, Piketberg			CCCC	AY159286	—	—
<i>A. cordatum</i>	South Africa, W. Cape, Sakrivierpoort			CCCC	AY159291	—	—
<i>A. cordatum</i>	South Africa, W. Cape, Seweweekspoort			CCCC	—	—	AY165448
<i>A. cordatum</i>	South Africa, W. Cape, Vanrhynsdorp			CC	AY159288	—	AY165442

<i>A. cordatum</i>	Zimbabwe, Bulawayo		CCCC	AY160958	___	AY165450
<i>A. cordatum</i>	Zimbabwe, Rusape		CCCC	AY160959	___	___
<i>A. cordatum</i>	Zimbabwe, Rusape		CCCC	AY160960	___	AY165451
<i>A. cordatum</i>	Zimbabwe, Rusape		CCCC	AY160961	___	AY165452
<i>A. cyprium</i>	Cyprus, Stavros		JJJJJ	AY162336	___	___
<i>A. cyprium</i>	Turkish Cyprus, Halevga		JJJJJ	AY162337	AF538314	___
<i>A. dalhousiae</i>	Ethiopia, Harerge Province, Asbe Teferi	..	DD	AY161000	AF538317	___
<i>A. dalhousiae</i>	Mexico, Sonora Province, Yecora	..	DD	AY161002	___	AY165475
<i>A. dalhousiae</i>	Pakistan, Swat Province, Ambela		DD	AY161001	___	AY165476
<i>A. haughtonii</i>	Saint Helena, Bilberry Field Gut	..	HHHH	AY158248	AF538321	AY165471
<i>A. haughtonii</i>	Saint Helena, Friar's Ridge	..	HHHHHH	AY158244	___	___
<i>A. haughtonii</i>	Saint Helena, Friar's Ridge	..	HHHH	AY158245	___	___
<i>A. haughtonii</i>	Saint Helena, Friar's Ridge	..	HHHH	AY158246	___	AY165474
<i>A. haughtonii</i>	Saint Helena, Great Hollow		HHHH	AY158241	___	___
<i>A. haughtonii</i>	Saint Helena, Great Hollow		HHHH	AY158242	___	AY165472
<i>A. haughtonii</i>	Saint Helena, Great Hollow		HHHH	AY158243	___	AY165473
<i>A. haughtonii</i>	Saint Helena, High Knoll		HHHH	AY158239	___	AY165469
<i>A. haughtonii</i>	Saint Helena, Rupert's Ridge		HHHH	AY158240	___	AY165470
<i>A. haughtonii</i>	Saint Helena, The Barn		HHHH	AY158237	___	AY165467
<i>A. haughtonii</i>	Saint Helena, The Barn	..	HHHH	AY158238	___	___
<i>A. haughtonii</i>	Saint Helena, The Barn	..	HHHH	AY158247	___	AY165468
<i>A. javorkeanum</i>	Italy, Luca Province, Arni		JJ	AY162331	___	___
<i>A. javorkeanum</i>	Italy, Udine Province, Stupizza		JJ	AY162329	AF538312	AY165483
<i>A. javorkeanum</i>	Slovenia, Primorska Province, Baèa-valley	..	JJ	AY162330	___	AY165484
<i>A. lolegnamense</i>	Gran Canaria, Cueva Corcho	..	JJJJXX	AY160996	___	(I) AY165481
		..	JJJJXX	___	___	(II) AY165482
<i>A. lolegnamense</i>	La Palma, Pino de la Virgen	..	JJJJXX	AY160997	___	___
<i>A. lolegnamense</i>	Madeira, Pico do Furao	..	JJJJXX	AY160998	AF538315	___
<i>A. lolegnamense</i>	Madeira, Serra de Agua		JJJJXX	AY160999	___	___
<i>A. xmantoniae</i>	Slovenia, Primorska Province, Baèa-valley	..	JJ	AY162332	___	AY165485
<i>A. octoploideum</i>	La Palma, Lomo del Horno	..	JJJJJJXX	AY161003	AF538316	___
<i>A. phillipsianum</i>	Ethiopia, Harerge Province, Jijiga	..	PPPP	AY164259	___	AY165459
<i>A. phillipsianum</i>	Ethiopia, Harerge Province, Nazret	..	PPPP	AY164258	___	___
<i>A. phillipsianum</i>	Ethiopia, Shewa Province, Garibaldi crater	..	PPPPPP	AY164260	___	AY165460
<i>A. phillipsianum</i>	Kenya, Rift Valley Province, Narok	..	PPPP	AY164261	___	AY165461
<i>A. phillipsianum</i>	Réunion, Bras de Pontho		PPPP	AY164266	___	___
<i>A. phillipsianum</i>	Réunion, Ilet des Salazes	..	PPPP	AY164265	___	AY165464
<i>A. phillipsianum</i>	Socotra, Haggier Mts	..	PPPP	AY164268	AF538320	AY165466

<i>A. phillipsianum</i>	South Africa, E. Transvaal, eLukwatini	PPPP	AY164262	—	—
<i>A. phillipsianum</i>	South Africa, E. Transvaal, eLukwatini	PPPP	AY164263	—	AY165462
<i>A. phillipsianum</i>	South Africa, E. Transvaal, eLukwatini	PPPP	AY164264	—	AY165463
<i>A. phillipsianum</i>	South Africa, W. Cape, Tradouwspass	PP	AY164269	—	AY165465
<i>A. phillipsianum</i>	South Africa, W. Cape, Wilderness	PPPP	AY164257	—	AY165458
<i>A. phillipsianum</i>	Zimbabwe, Mutare, Cecil Kop Nature	PPPP	AY164267	—	—
<i>A. punjabense</i>	Pakistan, Hazara Province, Batagram	JJJJDD	AY162340	AF538318	(I) AY165477
		JJJJDD	—	—	(II) AY165478
<i>A. sp. nov.</i>	Kenya, Rift Valley Province, Elmenteita	CCPP?	AY160964	—	AY165455
<i>A. sp. nov.</i>	Kenya, Rift Valley Province, Kedong Valley	CCPP	AY160965	—	(I) AY165456
		CCPP	—	—	(II) AY165453
<i>A. sp. nov.</i>	South Africa, W. Cape, Die Tuine	CCPP?	AY160967	—	AY165454
<i>A. sp. nov.</i>	South Africa, W. Cape, Groot Swartberg	CCPP?	AY160966	—	AY165457