Table 1: Population trend summary metrics for the southern African endemic bird species, arranged by population change. Names are according to [Hockey*, et al.* (2005)](#_ENREF_19) with South Africa endemics indicated by \*. Habitat indicates preferred biome/s. SA status: Conservation status according to [Taylor*, et al.* (2015)](#_ENREF_39). Global Status: IUCN conservation status. RR change: reporting rate change; Pop change: mean of the standardized population change and standard deviation (sd); range change: difference of grid cells between SABAP2 and SABAP1, divided by grid cell count from SABAP1; Core range change: as for previous but excluding grid cells with low reporting rate; mean z: the mean of the z-scores across grid cells; mass in grams; SABAP2 range: grid cell count \* 729, approximate range in km2; All SABAP range: grid cell count for any grid cell from which a species was recorded in either atlas \*729; Pentad area: count of pentads from which a species was recorded in SABAP2 \* 81; Fragment score: index from 0 (isolated) to 4 (completely connected). Values in bold: RR change < -30%; Pop change < -0.25; Range and core range change < -30%; mean-z < -0.9; SABAP2 and All SABAP range < 20,000; Pentad area < 2,000; Fragment score < 1.5.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Latin name | Habitat | SA status | Global Status | RR change | Pop change | sd | Range change | Core range change | mean z | mass | SABAP2 range | All SABAP range | Pentad area | Fragment score |
| Botha’s Lark \* | *Spizocorys fringillaris* | Grass | EN | EN | **-45.95** | **-0.272** | 0.39 | **-64.71** | **-50.00** | -0.175 | 19 | **4374** | **14580** | **1053** | **1.2** |
| Ground Woodpecker | *Geocolaptes olivaceus* | Grass, Fynbos | LC | LC | **-51.67** | -0.246 | 0.33 | **-43.25** | **-39.53** | **-1.108** | 120 | 199017 | 398763 | 44145 | 2.64 |
| Sentinel Rock Thrush | *Monticola explorator* | Grass, Fynbos | LC | LC | **-34.44** | -0.229 | 0.36 | **-48.74** | **-38.46** | -0.625 | 47 | 105705 | 235467 | 20088 | 2.21 |
| Drakensberg Rockjumper | *Chaetops aurantius* | Grass | LC | LC | -28.53 | -0.207 | 0.34 | **-42.03** | **-35.48** | -0.669 | 50 | 32076 | 63423 | 5184 | 2.45 |
| Gurney’s Sugarbird | *Promerops gurneyi* | Grass | LC | LC | **-43.51** | -0.204 | 0.34 | **-40.38** | **-35.16** | -0.574 | 35 | 45198 | 87480 | 9882 | 1.88 |
| Black Harrier | *Circus maurus* | Fynbos, Grass | EN | VU | **-39.21** | -0.186 | 0.38 | **-41.01** | **-36.14** | -0.441 | 550 | 236925 | 515403 | 52731 | 2.31 |
| Protea Seedeater \* | *Crithagra leucoptera* | Fynbos | LC | LC | **-46.47** | -0.173 | 0.37 | -23.75 | -10.61 | **-0.979** | 22 | 44469 | 69255 | 8829 | 1.97 |
| Cape Rockjumper \* | *Chaetops frenatus* | Fynbos | NT | LC | **-53.39** | -0.165 | 0.39 | -25.00 | -19.15 | -0.837 | 57 | 30618 | 48843 | 5913 | 1.7 |
| Rudd’s Lark \* | *Heteromirafra ruddi* | Grass | EN | VU | **-50.07** | -0.162 | 0.46 | **-40.00** | -14.29 | -0.303 | 26 | **4374** | **10935** | **1053** | **1.13** |
| Sclater’s Lark | *Spizocorys sclateri* | Karoo | NT | NT | -15.38 | -0.153 | 0.43 | **-42.86** | **-41.18** | 0.124 | 20 | **16767** | 64152 | 3240 | 1.58 |
| Grey-winged Francolin | *Scleroptila africana* | Grass, Fynbos | LC | LC | **-39.02** | -0.150 | 0.35 | -23.74 | -20.58 | **-0.930** | 435 | 264627 | 419904 | 60912 | 2.85 |
| Black-eared Sparrow-lark | *Eremopterix australis* | Karoo | LC | LC | -17.01 | -0.143 | 0.42 | **-40.91** | **-39.18** | -0.120 | 14 | 86751 | 267543 | 17739 | 2.54 |
| Black-headed Canary | *Serinus alario* | Karoo | LC | LC | -24.03 | -0.141 | 0.34 | **-30.12** | -27.96 | -0.392 | 12 | 268272 | 532170 | 68202 | 3.02 |
| Fairy Flycatcher | *Stenostira scita* | Karoo | LC | LC | -13.79 | -0.134 | 0.37 | **-31.01** | -27.03 | -0.322 | 6 | 424278 | 767637 | 115668 | 2.85 |
| Cape Rock Thrush | *Monticola rupestris* | Generalist | LC | LC | -23.29 | -0.117 | 0.33 | -20.89 | -16.92 | -0.588 | 58 | 333882 | 487701 | 91368 | 2.85 |
| Knysna Turaco | *Tauraco corythaix* | Forest | LC | LC | -26.21 | -0.113 | 0.32 | -22.31 | -20.35 | -0.502 | 310 | 134136 | 213597 | 47871 | 2.56 |
| Swee Waxbill | *Coccopygia melanotis* | Generalist | LC | LC | -25.22 | -0.111 | 0.37 | -22.98 | -17.70 | -0.275 | 6.5 | 212868 | 341901 | 62289 | 2.47 |
| Cinnamon-breasted Warbler | *Euryptila subcinnamomea* | Karoo | LC | LC | 14.27 | -0.100 | 0.45 | **-31.25** | -25.42 | -0.050 | 12 | 32805 | 76545 | 5427 | **1.09** |
| Pied Starling | *Lamprotornis bicolor* | Karoo | LC | LC | -19.02 | -0.099 | 0.24 | -11.79 | -10.93 | **-1.068** | 104 | 706401 | 893754 | 337851 | 3.62 |
| Blue Korhaan | *Eupodotis caerulescens* | Grass | LC | NT | -17.60 | -0.097 | 0.31 | -18.37 | -15.74 | -0.482 | 1300 | 206307 | 284310 | 71361 | 3.37 |
| Chorister Robin-Chat | *Cossypha dichroa* | Forest | LC | LC | -24.73 | -0.092 | 0.34 | -21.20 | -17.35 | -0.400 | 46 | 123201 | 183708 | 32724 | 2.29 |
| Cape Siskin \* | *Crithagra totta* | Fynbos | LC | LC | -18.16 | -0.090 | 0.31 | -15.00 | -5.83 | -0.398 | 13 | 83835 | 106434 | 28107 | 2.65 |
| Orange-breasted Sunbird \* | *Anthobaphes violacea* | Fynbos | LC | LC | -17.28 | -0.081 | 0.29 | -9.93 | -7.35 | -0.674 | 9 | 97686 | 115911 | 35316 | 2.87 |
| Yellow-breasted Pipit \* | *Anthus chloris* | Grass | VU | VU | -4.44 | -0.074 | 0.44 | -21.43 | 7.14 | 0.107 | 25 | 24057 | 45198 | 4617 | **1.39** |
| Karoo Eremomela | *Eremomela gregalis* | Karoo | LC | LC | 8.52 | -0.074 | 0.41 | -21.56 | -18.35 | -0.142 | 8 | 99144 | 204120 | 19926 | 2.29 |
| Jackal Buzzard | *Buteo rufofuscus* | Generalist | LC | LC | -7.09 | -0.072 | 0.32 | -17.43 | -15.34 | -0.013 | 1340 | 713691 | 1043199 | 280179 | 3.26 |
| Grey Tit | *Parus afer* | Karoo | LC | LC | -4.69 | -0.067 | 0.35 | -14.11 | -12.00 | -0.340 | 20 | 262440 | 411156 | 63747 | 3.13 |
| Sickle-winged Chat | *Cercomela sinuate* | Karoo | LC | LC | -0.67 | -0.066 | 0.38 | -17.49 | -13.85 | -0.086 | 19 | 298890 | 500094 | 66501 | 2.74 |
| Cape Sugarbird \* | *Promerops cafer* | Fynbos | LC | LC | -7.87 | -0.065 | 0.30 | -11.38 | -5.16 | -0.425 | 35 | 105705 | 128304 | 44469 | 2.91 |
| Forest Canary | *Crithagra scotops* | Forest | LC | LC | -14.02 | -0.062 | 0.34 | -14.80 | -9.80 | -0.097 | 15 | 137052 | 190998 | 40986 | 2.31 |
| Namaqua Warbler | *Phragmacia substriata* | Karoo | LC | LC | -11.44 | -0.057 | 0.36 | -12.61 | -11.69 | -0.206 | 12 | 214326 | 312741 | 51840 | 2.65 |
| Buff-streaked Chat | *Campicoloides bifasciata* | Grass | LC | LC | -3.98 | -0.055 | 0.35 | -16.59 | -13.93 | -0.090 | 35 | 131949 | 189540 | 44388 | 2.76 |
| Forest Buzzard | *Buteo trizonatus* | Forest | LC | LC | -7.15 | -0.040 | 0.39 | -13.92 | -3.05 | 0.118 | 660 | 98415 | 142884 | 27135 | 1.92 |
| Southern Double-collared Sunbird | *Cinnyris chalybeus* | Generalist | LC | LC | 4.20 | -0.037 | 0.29 | -11.23 | -9.73 | 0.037 | 8 | 421362 | 558414 | 183222 | 3.09 |
| South African Cliff Swallow | *Petrochelidon spilodera* | Generalist | LC | LC | 12.09 | -0.035 | 0.34 | -15.81 | -10.82 | 0.329 | 21 | 359397 | 523422 | 158355 | 2.89 |
| Cape Weaver | *Ploceus capensis* | Generalist | LC | LC | 8.14 | -0.025 | 0.29 | -7.28 | -6.24 | 0.113 | 46 | 613818 | 769824 | 279531 | 3.23 |
| Drakensberg Siskin | *Crithagra symonsi* | Grass | LC | LC | 16.96 | -0.022 | 0.36 | -5.00 | 2.78 | 0.137 | 13 | 29889 | 43011 | 5832 | 2.64 |
| Bush Blackcap | *Lioptilus nigricapillus* | Grass, Forest | VU | NT | -19.52 | -0.019 | 0.43 | -6.25 | 11.11 | 0.206 | 31 | 54675 | 87480 | 10368 | 1.54 |
| Large-billed Lark | *Galerida magnirostris* | Karoo | LC | LC | 8.59 | -0.017 | 0.32 | -8.79 | -7.77 | 0.210 | 45 | 401679 | 564246 | 132192 | 3.44 |
| Southern Tchagra | *Tchagra tchagra* | Thicket | LC | LC | 2.51 | -0.017 | 0.34 | -9.35 | -6.57 | 0.196 | 47 | 201204 | 264627 | 64638 | 2.85 |
| African Rock Pipit | *Anthus crenatus* | Grass | NT | LC | 36.65 | -0.014 | 0.40 | -12.81 | -8.22 | 0.265 | 31 | 156735 | 250776 | 33858 | 2.3 |
| Greater Double-collared Sunbird | *Cinnyris afer* | Generalist | LC | LC | 9.74 | -0.010 | 0.31 | -6.35 | -3.46 | 0.213 | 12.5 | 331695 | 412614 | 132597 | 3.02 |
| Fiscal Flycatcher | *Sigelus silens* | Generalist | LC | LC | 13.17 | -0.008 | 0.28 | -7.58 | -6.21 | 0.357 | 26 | 858762 | 1071630 | 395928 | 3.38 |
| Layard’s Tit-Babbler | *Sylvia layardi* | Karoo | LC | LC | 32.15 | -0.005 | 0.39 | -8.79 | -4.96 | 0.229 | 15 | 282852 | 460728 | 68769 | 2.68 |
| Barratt’s Warbler | *Bradypterus barratti* | Grass | LC | LC | 1.51 | -0.004 | 0.39 | -10.56 | -3.57 | 0.384 | 19 | 91125 | 134865 | 20736 | 2.13 |
| Brown Scrub Robin | *Erythropygia signata* | Forest | LC | LC | 8.69 | 0.003 | 0.35 | -6.19 | 7.95 | 0.362 | 38 | 75816 | 97686 | 18387 | 1.84 |
| Cape Spurfowl | *Pternistis capensis* | Generalist | LC | LC | 8.29 | 0.007 | 0.27 | -4.27 | -3.49 | 0.332 | 820 | 161838 | 195372 | 82215 | 2.93 |
| Karoo Lark | *Calendulauda albescens* | Karoo | LC | LC | 36.91 | 0.010 | 0.36 | -2.09 | 0.44 | 0.168 | 29 | 176418 | 250047 | 49329 | 3.12 |
| Knysna Warbler \* | *Bradypterus sylvaticus* | Forest | VU | VU | 50.20 | 0.027 | 0.41 | -2.33 | 5.26 | 0.836 | 21 | 30618 | 41553 | 6399 | **1.47** |
| Southern Bald Ibis | *Geronticus calvus* | Grass | VU | VU | -1.38 | 0.030 | 0.33 | 4.44 | 7.76 | 0.095 | 1100 | 188811 | 225990 | 72171 | 3.34 |
| Cape Grassbird | *Sphenoeacus afer* | Grass, Fynbos | LC | LC | 37.97 | 0.047 | 0.33 | -3.19 | -0.20 | 0.848 | 30 | 371061 | 464373 | 156006 | 2.96 |
| Victorin’s Warbler \* | *Cryptillas victorini* | Fynbos | LC | LC | 12.09 | 0.049 | 0.35 | 1.47 | 4.84 | 0.377 | 19 | 50301 | 61236 | 14256 | 2.22 |
| Mountain Pipit | *Anthus hoeschi* | Grass | NT | LC | 100.99 | 0.049 | 0.40 | -8.70 | 0.00 | 0.596 | 27 | **16767** | 26244 | 2106 | 2.22 |
| Melodious Lark | *Mirafra cheniana* | Grass | LC | NT | 63.12 | 0.050 | 0.42 | 4.43 | 13.18 | 0.443 | 20 | 120285 | 174960 | 29160 | 2.33 |
| Cape Bulbul \* | *Pycnonotus capensis* | Generalist | LC | LC | 27.22 | 0.065 | 0.22 | 0.72 | 1.09 | 1.189 | 39 | 199746 | 219429 | 115992 | 3.18 |
| Cloud Cisticola | *Cisticola textrix* | Grass | LC | LC | 93.66 | 0.073 | 0.35 | -5.79 | -1.48 | 1.063 | 9 | 414072 | 518319 | 173745 | 3.06 |
| Red Lark \* | *Calendulauda burra* | Desert | VU | VU | 140.84 | 0.084 | 0.43 | 5.56 | 11.76 | 1.063 | 37 | **16767** | 41553 | 4455 | 2.09 |
| Knysna Woodpecker \* | *Campethera notata* | Forest, Thicket | NT | NT | 107.12 | 0.126 | 0.34 | 1.64 | 4.50 | 1.741 | 62 | 87480 | 106434 | 26487 | 2.45 |