

or a series of stitch-like marks around the outer margins; occasionally they are more extensive and constitute a distinctly impressed network over the whole face. **Markings** absent.

**Colours:** Face opaque pale grey-white, or grey-white tinged with creamy yellow, green, beige, pink or light brown; margins occasionally slightly more yellow or pink than the face. Channels, if present, obscurely translucent grey, pinkish grey, or pinkish brown. Shoulders slightly lighter than the face.

**Size:** Medium to large, up to 40 x 30 mm, mostly about 30 x 23 mm. Number of heads up to 10 or more, mostly 2-4.

**FLOWERS** dull straw yellow, occasionally orange-yellow, sometimes tinged with bronze or pink; small to medium, up to 30 mm  $\varnothing$ , mostly 20-25 mm  $\varnothing$ ; often exceeded in size by the sepals which project beyond the ends of the petals by 3-4 mm; and often with long pedicels raising them as much as 25 mm above the face of the plant. **Seed capsules** usually 5-merous (91%), otherwise (9%) 6- or 4-merous. Profile boat-shaped, flat, occasionally slightly convex; face broadly elliptic, up to 10,5 x 8,0 mm, mostly about 8,0 x 6,5 mm.

### 19 *Lithops wernerii* Schwant. & Jacobs. (1951) (Y). Plate 15/5-6.

**COLLECTED** by Werner Triebner, son of the late Wilhelm Triebner of Windhoek, probably in 1950, and named for him.

**DISTRIBUTION:** SWA/Namibia, at only one known locality in the south of the Erongo Mountains, to the north of Usakos (not to the SW as stated in the original description).

**DESCRIPTION:** Relatively uniform and rather distinctive, therefore fairly easily identifiable. **Profile** cordate to truncate, usually somewhat convex; fissure shallow, 4-8 mm, lobes conjunct. **Face** flush; elliptic; lobes unequal; mostly opaque; slightly rugose. **Margins** absent or very indistinct. **Windows** reduced to small pools, narrow channels or furrows. **Channels** occurring mostly as a narrow and very irregular obscurely translucent network, often bordering the markings, but occasionally broadening into irregularly shaped rather obscure **pools** up to 5 mm wide; sometimes reduced to a network of very slightly impressed **furrows** which barely accommodate the markings. **Islands** occur only as irregular opaque areas between the markings and channels. **Markings** set in the channels or furrows, usually a broken network of very fine extensively branched lines, which often extend digitately onto the shoulders; occasionally they are reduced to no more than a few indistinct dots in the narrow channels or furrows. **Pellucid dots** usually numerous, subcutaneous, scattered irregularly over the whole face, opaque and translucent areas alike.

**Colours:** Face opaque light grey or light greenish grey, sometimes pinkish or yellowish grey. Channels obscurely translucent grey-green. Markings yellowish to reddish brown. Pellucid dots dark dull grey-green. Shoulders as for the face, or a little paler.

**Size:** Very small to small, up to 24 x 18 mm, mostly about 20 x 15 mm. Number of heads up to 10 or more, mostly 2-3.

**FLOWERS** yellow, small to medium, up to 28 mm  $\varnothing$ , mostly 18-25 mm  $\varnothing$ . **Seed capsules** 6-merous (62%) or 5-merous (32%), otherwise (6%) mostly 7-merous. Profile rotund, top flat to peaked; face  $\pm$  round, up to 7,5 x 7,0 mm, mostly about 5,7 x 5,5 mm.

## 20 Taxonomic Index

This index is drawn up on the same lines as that in Cole 1973a, but, though updated to take account of more recent publications, it includes only references essential for the present work. Details of any synonyms not listed below should be sought in Cole 1973a.

### A

#### AIAISENSIS

*Lithops karasmontana* (Dint. & Schwant.) N.E. Br. var. *aiaisensis* (De Boer) Cole, comb. nov.

*L. erniana* var. *aiaisensis* De Boer in *Succulenta* 43 (1): 6-7 (Jan. 1964).

#### ANNAE

*L. gesinae* De Boer var. *annae* (De Boer) Cole in *Excelsa* 3: 45 (1973).

*L. annae* De Boer in *Succulenta* 1956 (6): 90-92 (Nov.-Dec. 1956).

*L. francisci* var. *annae* (De Boer) Fearn in *Cact. Succ. J. Amer.* 42 (2): 92 (March-April 1970).

#### ARCHERAE

*L. pseudotruncatella* (Berg.) N.E. Br. var. *archerae* (De Boer) Cole in *Excelsa* 3: 45 (1973).

*L. archerae* De Boer in *Succulenta* 46 (8): 113, 122-23 (Aug. 1967).

Friedrich's reduction of this taxon to synonymy under *L. schwantesii* Dint. in *Prodr. Fl. S.W. Afr.* 27:80 (1970) is entirely untenable. Its facial markings, flower and capsule structure, juvenile form, etc., all indicate a clear relationship to the group of *L. pseudotruncatella* (Berg.) N.E. Br.

#### AUREA

*L. fulviceps* (N.E. Br.) N.E. Br. var. *fulviceps* cv. *Aurea* in *Aloe* 22 (3): 59-60 (1985).

*L. fulviceps* f. *aurea* Shimada in *Cact. Succ. J. Amer.* 49 (6): 252-53 (1977).

#### AVOCADO CREAM

*L. eberlanzii* (Dint. & Schwant.) N.E. Br. cv. *Avocado Cream* in *Aloe* 22 (3): 59 (1985).