

17. *Liparis gibbosa* Finet in Bull. Soc. Bot. France 55: 342 (1908).
L. gregaria Lindl., Gen. Sp. Orch. Pl.: 33 (1830).

Rhizomes creeping and branching, bearing pseudobulbs about 1.5–2.5 cm apart. **Pseudobulbs** ovate, 1.3 cm long by 1 cm in diameter, each with a single leaf, although there are several imbricate sheaths at the base. **Leaves** linear, acute, about 20 cm long by 8 mm broad. **Inflorescences** held erect from the base although the rachis is often horizontal or nodding, the peduncle very much flattened and with two wings, up to 14 cm long, the rachis with two rows of 6 mm long, persistent floral bracts, the flowers appearing one or two at a time. **Flowers** quite small, light brown to brick red; **dorsal sepal** reflexed downwards, 6 mm long by 2.5 mm broad; **lateral sepals** similar but 3.5 mm broad; **petals** erect, lanceolate, somewhat spatulate, 5.5 mm long by 1.5 mm broad; **lip** broad near the base, on either side with a convex lump, narrower apically, there also with a smaller lump on either side, the apex is acute and curved under out of sight; **column** more or less straight, about 1.2 mm long.

DISTRIBUTION. Also in Vietnam, Laos, Burma, Thailand, Peninsular Malaysia, Java, Borneo, through to New Guinea and many of the Pacific islands. In Sumatra collected from many provinces at from 500 to 1500 m. I found it in North Sumatra at 1280 m.

NOTES. The photograph of this plant which I took near Mount Sinabong in North Sumatra, should be compared with the ones from Java (p. 133 in my Orchids of Java); I think they have to be the same species. However, J.J. Smith thought that a plant collected from Mount Kerinci in Jambi province was sufficiently different to be given another name—*L. kerintjiensis*, and did not list *L. gibbosa* in his enumeration of 1933. Not having seen the former, I include his description below, but am unable to separate it in the key.



Liparis gibbosa, Lau Kawar, North Sumatra, 1280 m, September.

18. *Liparis kerintjiensis* J.J. Sm. in Bull. Jard. Bot. Buit. ser. 3, 10: 50 (1928).

Rhizome long and creeping, branching, bearing pseudobulbs 1.8–2.8 cm apart. **Pseudobulbs** ovate, flattened, 1–1.2 cm long, each bearing one leaf. **Leaves** erect, linear, shortly apiculate, acute, 12–17.5 cm long by 5–7 mm broad. **Inflorescences** erect, dense and many-flowered, but only producing flowers at intervals, the peduncle flattened, 10–18 cm long, the rachis quadrangular, up to 3.75 cm long, together with the bracts 8.5–8.75 mm broad,