CORRECTIONS

ASYMPTOTIC DISTRIBUTIONS OF MULTIVARIATE RANK ORDER STATISTICS

By L. Rüschendorf

Annals of Statistics (1976) **4** 912–923

It has been shown by a counterexample due to J. P. Raoult (1979) that Lemma 2.1 of this paper (a modification of a result of Chentsov) is false. Therefore, the methods of this paper establish the validity of the Pyke-Shorack approach in the multidimensional case only for bounded weight functions $r(s,t)$. For some further discussion on this point see Raoult (1980).

REFERENCES

RAOULT, J. P. (1979). Sur la convergence faible pour la topologie de Skorohod des processus corrigés. Document de travail Equipe Recherches Prob. Stat., Univ. Rouen, France.
RAOULT, J. P. (1980). Some remarks on generalized Skorohod topology in connection with weak convergence of multidimensional empirical processes (nonstationary φ-mixing case). *Proceedings of the Colloquium on Nonparametric Statistical Inference*, Budapest 1980 (to be published in *Colloquia Mathematica Societatis János Bolyai*).

INSTITUT FUR MATHEMATISCHE STOCHASTIK
DER ALBERT-LUDWIGS-UNIVERSITAT
D-7800 FREIBURG IM BREISGAU
HEBELSTRASSE 27
WEST GERMANY

ON ESTIMATING THE PROBABILITY OF DISCOVERING A NEW SPECIES

By Anne Chao

Annals of Statistics (1981) **9** 1339–1342.

In the above paper, the last paragraph of Section 1 about Starr's conjecture is not correct. Since the estimator W_m is only MVUE for the subset $\{(1 - 1/r)^n, r = 1,2,\ldots\}$ of $\Theta = [0,1]$, Starr's conjecture that V_m is MVUE on Θ is not disproved.

The author thanks Professor Norman Starr for pointing this out.

INSTITUTE OF APPLIED MATHEMATICS
NATIONAL TSING HUA UNIVERSITY
HSINCHU, TAIWAN 300
REPUBLIC OF CHINA